

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

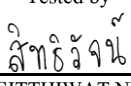
**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองรวม (TSP)	0.20 0	≤ 0.33	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองรวม (TSP)	0.19 0	≤ 0.33	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองรวม (TSP)	0.18 0	≤ 0.33	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองรวม (TSP)	0.19 0	≤ 0.33	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองรวม (TSP)	0.22 0	≤ 0.33	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
06/09/2022

Report results refer to tested parameter(s) of  
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Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
06/09/2022

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**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US, EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองรวม (TSP)	0.19 0	≤ 0.33	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองรวม (TSP)	0.21 0	≤ 0.33	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองรวม (TSP)	0.19 0	≤ 0.33	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองรวม (TSP)	0.20 0	≤ 0.33	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองรวม (TSP)	0.21 0	≤ 0.33	mg/m <sup>3</sup>	Pass

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**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองรวม (TSP)	0.19	$\leq 0.33$	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองรวม (TSP)	0.18	$\leq 0.33$	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองรวม (TSP)	0.21	$\leq 0.33$	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองรวม (TSP)	0.18	$\leq 0.33$	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองรวม (TSP)	0.15	$\leq 0.33$	mg/m <sup>3</sup>	Pass

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**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US, EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองรวม (TSP)	0.20	$\leq 0.33$	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองรวม (TSP)	0.19	$\leq 0.33$	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองรวม (TSP)	0.22	$\leq 0.33$	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองรวม (TSP)	0.17	$\leq 0.33$	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองรวม (TSP)	0.20	$\leq 0.33$	mg/m <sup>3</sup>	Pass

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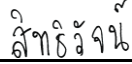
Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US, EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองรวม (TSP)	0.19	≤ 0.33	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองรวม (TSP)	0.21	≤ 0.33	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองรวม (TSP)	0.22	≤ 0.33	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองรวม (TSP)	0.16	≤ 0.33	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองรวม (TSP)	0.19	≤ 0.33	mg/m <sup>3</sup>	Pass

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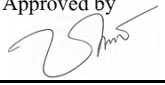
(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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Deputy Technical Manager

06/09/2022

FM-16-01 แก้ไขครั้งที่ 0

Page 5/6

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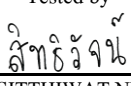
**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0414	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงเรียนวัดสระซึก (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US, EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองรวม (TSP)	0.21	$\leq 0.33$	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองรวม (TSP)	0.18	$\leq 0.33$	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองรวม (TSP)	0.20	$\leq 0.33$	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองรวม (TSP)	0.20	$\leq 0.33$	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองรวม (TSP)	0.19	$\leq 0.33$	mg/m <sup>3</sup>	Pass

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Scientist  
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Deputy Technical Manager  
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**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.07	≤ 0.12	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass

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(MR. SITTHIWAT NUNOI)

Scientist

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Deputy Technical Manager

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Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.07	≤ 0.12	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass

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06/09/2022



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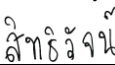
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Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
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Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.05	≤ 0.12	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.01	≤ 0.12	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
06/09/2022

Report results refer to tested parameter(s) of submitted  
sample(s) only. Do not copy partial of this tested report  
without laboratory approval

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

//////////////////////////////////END OF REPORT//////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist  
06/09/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager  
06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.06	≤ 0.12	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.01	≤ 0.12	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.01	≤ 0.12	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0414	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตุน (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	24/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.00	≤ 0.12	mg/m <sup>3</sup>	Pass
2	25/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
3	26/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
4	27/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
5	28/08/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.01	≤ 0.12	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
2	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
14	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

## Testing Report

Report Date	: 06/09/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0018	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2208-0412		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 24/08/2022	Time	: 09.00
Type of testing	: Environment		
Received Date	: 31/08/2022	Time	: 08.00
Identifier	: Ambient Air Quality		
Tested Date	: 31/08/2022	Sample Name	: บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: -
Location	: Thai kali Co., Ltd.	Condition of sample	: Ambient temperature
Sampling By	: Mr. Khanathip Meemongkol	Reference method	: US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
2	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
13	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
14	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark	: *Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)
	: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สัปดาห์ที่ ๑

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

25/11/2015

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval**



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
2	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
12	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
13	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
14	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
24	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0414	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ต้อน (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
2	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
11	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
12	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
13	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
14	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
23	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
24	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

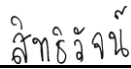
Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)  
: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

  
(MR. SITTHIWAT NUNOI)  
Scientist  
06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

  
(MISS. CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022      Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022      Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริษัทโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark	: *Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)
	: Detection Limit = 0.050 ppm.

//////END OF REPORT

Tested by

สัปดาห์ที่ ๑๖

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

25/11/2018

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval**

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

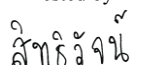
**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0414	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		24/08/2022	25/08/2022	26/08/2022	27/08/2022	28/08/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

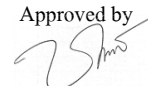
Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)  
: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager

06/09/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	24/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	25/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	26/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	27/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	28/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND. = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

=====END OF REPORT=====

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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submitted sample(s) only. Do not copy partial of this  
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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	24/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	25/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	26/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	27/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	28/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND, = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

//END OF REPORT//

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	24/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	25/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	26/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	27/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	28/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND, = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

=====END OF REPORT=====

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

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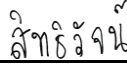
**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	24/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	25/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	26/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	27/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	28/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND. = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

=====END OF REPORT=====

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
06/09/2022

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(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
06/09/2022

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**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	24/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	25/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	26/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	27/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	28/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND. = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

=====END OF REPORT=====

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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Deputy Technical Manager

06/09/2022

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**Testing Report**

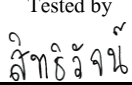
Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0414	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Ambient Air Quality
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตุน (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	24/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	25/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	26/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	27/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	28/08/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND. = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

=====END OF REPORT=====

Tested by



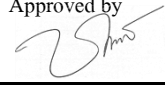
(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

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Page 6/6



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

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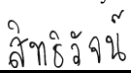
### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Wind Speed/Wind Direction
Tested Date : 31/08/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	2.6	WNW	09:00PM-10:00PM	2.1	W
10:00AM-11:00AM	3.1	WNW	10:00PM-11:00PM	1.3	W
11:00AM-12:00PM	3.1	WNW	11:00PM-12:00PM	1.3	W
12:00PM-01:00PM	2.7	NW	12:00AM-01:00AM	0.9	S
01:00PM-02:00PM	2.8	NW	01:00AM-02:00AM	2.0	SSE
02:00PM-03:00PM	2.3	SW	02:00AM-03:00AM	1.4	S
03:00PM-04:00PM	2.9	NW	03:00AM-04:00AM	1.2	SSE
04:00PM-05:00PM	2.9	NW	04:00AM-05:00AM	1.1	SSW
05:00PM-06:00PM	3.0	WNW	05:00AM-06:00AM	1.2	SW
06:00PM-07:00PM	2.6	WNW	06:00AM-07:00AM	0.6	NW
07:00PM-08:00PM	1.8	NW	07:00AM-08:00AM	2.0	NW
08:00PM-09:00PM	2.6	W	08:00AM-09:00AM	2.2	WNW
Average 24 hrs. (m/s)			2.07		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by  
  
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Scientist  
06/09/2022

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Deputy Technical Manager  
06/09/2022

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Wind Speed/Wind Direction
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแ่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	2.5	WNW	09:00PM-10:00PM	1.5	W
10:00AM-11:00AM	2.6	WNW	10:00PM-11:00PM	1.9	WSW
11:00AM-12:00PM	3.5	WNW	11:00PM-12:00PM	1.8	WSW
12:00PM-01:00PM	3.9	W	12:00AM-01:00AM	2.5	WSW
01:00PM-02:00PM	3.9	W	01:00AM-02:00AM	2.1	W
02:00PM-03:00PM	4.2	WNW	02:00AM-03:00AM	2.1	W
03:00PM-04:00PM	3.6	WNW	03:00AM-04:00AM	1.9	W
04:00PM-05:00PM	3.3	WNW	04:00AM-05:00AM	1.5	W
05:00PM-06:00PM	3.5	WNW	05:00AM-06:00AM	1.1	WSW
06:00PM-07:00PM	3.0	WNW	06:00AM-07:00AM	0.9	SW
07:00PM-08:00PM	1.7	WNW	07:00AM-08:00AM	0.7	SSW
08:00PM-09:00PM	1.3	WNW	08:00AM-09:00AM	0.8	SSW
Average 24 hrs. (m/s)			2.33		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



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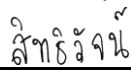
**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Wind Speed/Wind Direction
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแ่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	1.2	SSW	09:00PM-10:00PM	0.4	WNW
10:00AM-11:00AM	1.9	SW	10:00PM-11:00PM	0.7	W
11:00AM-12:00PM	1.6	SW	11:00PM-12:00PM	0.0	NNW
12:00PM-01:00PM	2.1	WSW	12:00AM-01:00AM	0.1	ESE
01:00PM-02:00PM	2.4	SW	01:00AM-02:00AM	0.4	SE
02:00PM-03:00PM	1.9	NW	02:00AM-03:00AM	0.6	SE
03:00PM-04:00PM	1.8	WSW	03:00AM-04:00AM	0.7	SE
04:00PM-05:00PM	1.7	SSW	04:00AM-05:00AM	0.7	SE
05:00PM-06:00PM	3.2	SW	05:00AM-06:00AM	0.1	SE
06:00PM-07:00PM	0.6	W	06:00AM-07:00AM	0.0	ESE
07:00PM-08:00PM	0.5	SW	07:00AM-08:00AM	0.0	N
08:00PM-09:00PM	0.5	SSW	08:00AM-09:00AM	0.3	SSW
Average 24 hrs. (m/s)			0.98		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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(MR. SITTHIWAT NUNOI)  
Scientist  
06/09/2022

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Deputy Technical Manager  
06/09/2022

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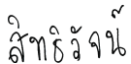
**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Wind Speed/Wind Direction
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแ่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	1.2	SW	09:00PM-10:00PM	0.3	S
10:00AM-11:00AM	1.0	WSW	10:00PM-11:00PM	0.5	SE
11:00AM-12:00PM	1.2	W	11:00PM-12:00PM	0.2	WSW
12:00PM-01:00PM	1.9	WNW	12:00AM-01:00AM	0.1	WSW
01:00PM-02:00PM	1.7	WNW	01:00AM-02:00AM	0.3	W
02:00PM-03:00PM	1.5	W	02:00AM-03:00AM	0.1	NNW
03:00PM-04:00PM	1.4	NW	03:00AM-04:00AM	0.3	N
04:00PM-05:00PM	1.1	WSW	04:00AM-05:00AM	0.4	NNW
05:00PM-06:00PM	0.7	SSW	05:00AM-06:00AM	0.6	N
06:00PM-07:00PM	1.3	SW	06:00AM-07:00AM	0.8	N
07:00PM-08:00PM	0.4	SSE	07:00AM-08:00AM	0.5	NNW
08:00PM-09:00PM	0.5	SE	08:00AM-09:00AM	1.8	NW
Average 24 hrs. (m/s)			0.83		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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Scientist  
06/09/2022

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Deputy Technical Manager  
06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

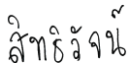
**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Wind Speed/Wind Direction
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงงัดแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	2.3	NW	09:00PM-10:00PM	0.1	E
10:00AM-11:00AM	1.6	NW	10:00PM-11:00PM	0.9	NNE
11:00AM-12:00PM	1.3	WNW	11:00PM-12:00PM	0.5	NNW
12:00PM-01:00PM	1.4	W	12:00AM-01:00AM	0.3	NW
01:00PM-02:00PM	1.4	SW	01:00AM-02:00AM	0.2	NW
02:00PM-03:00PM	1.0	SSE	02:00AM-03:00AM	0.4	NNW
03:00PM-04:00PM	1.6	N	03:00AM-04:00AM	0.3	N
04:00PM-05:00PM	1.3	NE	04:00AM-05:00AM	1.1	N
05:00PM-06:00PM	1.4	NNE	05:00AM-06:00AM	0.6	N
06:00PM-07:00PM	0.5	NNE	06:00AM-07:00AM	0.3	N
07:00PM-08:00PM	0.8	NNE	07:00AM-08:00AM	1.2	W
08:00PM-09:00PM	0.4	ENE	08:00AM-09:00AM	1.4	SE
Average 24 hrs. (m/s)			0.93		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
06/09/2022

**Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval**

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022 Client : Thai kali Co., Ltd.  
Report No. : EN22-0018 Address : 333 Moo 4, Nong sai sub-district,  
Sampling No. : QCLC2208-0409 Dan khun thot district, Nakhon ratchasima 36220  
Sampling Date : 24-28/05/2022 Time : 09.00 Type of testing : Environment  
Received Date : 31/08/2022 Time : 09.00 Identifier : Wind Speed/Wind Direction  
Tested Date : 31/08/2022 Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)  
Submitted By : C E Lab&Consulting Co., Ltd. Sample Observation : -  
Location : Thai kali Co., Ltd. Condition of sample : Ambient temperature  
Sampling By : Mr. Khanathip Meemongkol Reference method : Anemometer and Anodized Aluminium Vane Method

Direction	Speed (m/s)						Total (%)
	V <sub>1</sub> (<0.4)	V <sub>2</sub> (0.4-1.8)	V <sub>3</sub> (1.8-3.6)	V <sub>4</sub> (3.6-5.8)	V <sub>5</sub> (5.8-8.5)	V <sub>6</sub> (>8.5)	
N	1.71	1.71	0.00	0.00	0.00	0.00	3.42
NNE	0.00	4.27	0.00	0.00	0.00	0.00	4.27
NE	0.00	1.71	0.00	0.00	0.00	0.00	1.71
ENE	0.85	0.85	0.00	0.00	0.00	0.00	1.71
E	1.70	0.00	0.00	0.00	0.00	0.00	1.70
ESE	0.85	0.85	0.00	0.00	0.00	0.00	1.70
SE	1.70	3.41	0.00	0.00	0.00	0.00	5.13
SSE	0.85	2.56	0.00	0.00	0.00	0.00	3.42
S	0.00	0.85	0.85	0.00	0.00	0.00	1.71
SSW	0.85	2.56	0.00	0.00	0.00	0.00	3.41
SW	0.85	0.85	0.00	0.00	0.00	0.00	1.71
WSW	0.00	7.68	2.56	0.00	0.00	0.00	10.25
W	2.56	15.37	8.53	0.85	0.00	0.00	27.35
WNW	0.00	2.56	5.96	1.71	0.00	0.00	10.26
NW	1.70	2.56	4.27	0.85	0.00	0.00	9.40
NNW	5.11	6.83	0.85	0.00	0.00	0.00	12.81
Total (%)	18.73	54.62	23.02	3.41	0.00	0.00	99.96

=====END OF REPORT=====

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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tested report without laboratory approval

Approved by

[Signature]

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

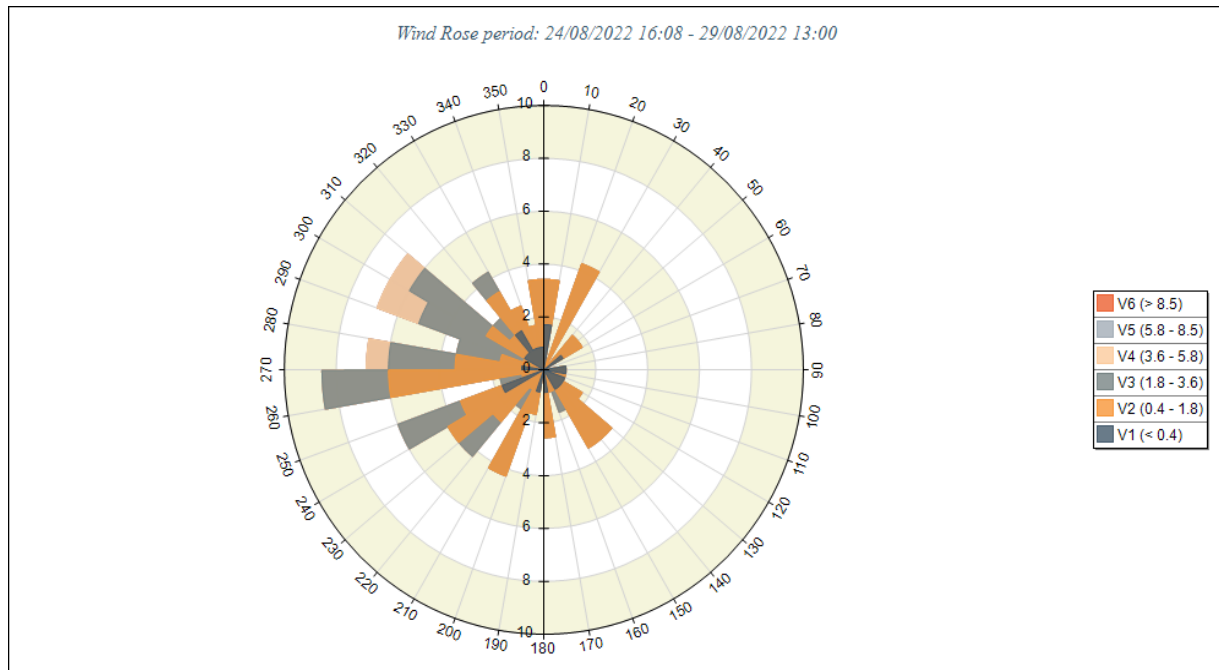
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Wind Speed/Wind Direction
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแ่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

รูปภาพแสดงผังลมระยะเวลา 5 วัน ต่อเนื่อง  
วันที่ 24-28 สิงหาคม 2565



=====END OF REPORT=====

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

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Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
24/08/2022 9:00:00 AM	63.5	80.4	58.7	65.3	57.4	4.6
24/08/2022 10:00:00 AM	62.3	87.2	55.4	57.4	57.4	0.0
24/08/2022 11:00:00 AM	60.1	83.1	50.1	63.7	57.4	2.3
24/08/2022 12:00:00 PM	60.4	79.2	50.9	58.9	57.4	12.5
24/08/2022 1:00:00 PM	58.9	78.3	54.2	69.8	57.4	11.3
24/08/2022 2:00:00 PM	59.4	84.5	50.4	63.0	57.4	5.7
24/08/2022 3:00:00 PM	58.7	85.4	50.1	59.6	57.4	0.0
24/08/2022 4:00:00 PM	60.1	75.3	53.1	62.3	57.4	6.0
24/08/2022 5:00:00 PM	62.1	74.6	49.5	59.2	57.4	0.0
24/08/2022 6:00:00 PM	62.3	74.4	49.7	61.2	57.4	3.3
24/08/2022 7:00:00 PM	61.9	70.5	50.2	61.3	57.4	2.6
24/08/2022 8:00:00 PM	60.4	87.4	50.8	59.2	57.4	0.0
24/08/2022 9:00:00 PM	60.4	89.3	51.2	59.7	57.4	0.0
24/08/2022 10:00:00 PM	63.1	87.1	55.4	74.1	57.4	5.0
24/08/2022 11:00:00 PM	62.3	79.4	55.4	73.8	57.4	0.0
25/08/2022 12:00:00 AM	61.3	77.4	50.4	77.1	57.4	4.1
25/08/2022 1:00:00 AM	60.1	68.9	49.6	67.5	57.4	0.0
25/08/2022 2:00:00 AM	61.4	68.7	48.7	73.0	57.4	3.7
25/08/2022 3:00:00 AM	60.7	70.4	49.3	77.1	57.4	5.2
25/08/2022 4:00:00 AM	58.7	67.4	50.4	67.8	57.4	0.0
25/08/2022 5:00:00 AM	63.4	80.4	56.4	74.7	57.4	1.6
25/08/2022 6:00:00 AM	60.2	75.4	55.4	69.1	57.4	0.0
25/08/2022 7:00:00 AM	60.7	78.9	54.3	64.2	57.4	2.8
25/08/2022 8:00:00 AM	60.1	80.7	55.6	57.9	57.4	0.0
L <sub>eq</sub> 24 Hrs.	60.9	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	89.3	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	52.3	-	-	-
L <sub>dn</sub>	-	-	-	70.2	-	-
เสียงรบกวน	-	-	-	-	-	2.9
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแดงแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
25/08/2022 9:00:00 AM	62.7	85.4	55.3	62.7	59.6	4.4
25/08/2022 10:00:00 AM	61.5	84.1	54.1	61.5	59.6	2.9
25/08/2022 11:00:00 AM	65.8	84.1	55.1	65.8	59.6	9.2
25/08/2022 12:00:00 PM	63.4	79.5	54.2	63.4	59.6	7.2
25/08/2022 1:00:00 PM	64.1	81.2	52.4	64.1	59.6	9.7
25/08/2022 2:00:00 PM	65.1	79.6	55.4	65.1	59.6	8.2
25/08/2022 3:00:00 PM	62.1	82.3	50.6	62.1	59.6	8.5
25/08/2022 4:00:00 PM	60.1	80.3	51.4	60.1	59.6	1.7
25/08/2022 5:00:00 PM	62.3	84.1	50.1	62.3	59.6	9.2
25/08/2022 6:00:00 PM	63.1	80.2	52.3	63.1	59.6	8.8
25/08/2022 7:00:00 PM	60.7	75.6	53.1	60.7	59.6	0.6
25/08/2022 8:00:00 PM	61.8	74.3	55.4	61.8	59.6	1.9
25/08/2022 9:00:00 PM	60.8	73.5	50.4	60.8	59.6	3.4
25/08/2022 10:00:00 PM	59.6	75.6	51.4	69.6	59.6	1.2
25/08/2022 11:00:00 PM	60.2	80.4	50.3	70.2	59.6	2.9
26/08/2022 12:00:00 AM	61.5	81.3	51.2	71.5	59.6	5.8
26/08/2022 1:00:00 AM	59.8	79.3	55.4	69.8	59.6	0.0
26/08/2022 2:00:00 AM	60.4	78.6	52.1	70.4	59.6	1.3
26/08/2022 3:00:00 AM	59.8	79.6	54.6	69.8	59.6	0.0
26/08/2022 4:00:00 AM	60.2	78.9	55.1	70.2	59.6	0.0
26/08/2022 5:00:00 AM	62.1	83.2	50.4	72.1	59.6	8.7
26/08/2022 6:00:00 AM	60.1	84.1	52.1	70.1	59.6	1.0
26/08/2022 7:00:00 AM	63.2	80.3	55.1	63.2	59.6	6.1
26/08/2022 8:00:00 AM	60.8	81.2	54.2	60.8	59.6	0.0
L <sub>eq</sub> 24 Hrs.	61.7	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	85.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.0	-	-	-
L <sub>dn</sub>	-	-	-	67.3	-	-
เสียงรบกวน	-	-	-	-	-	4.3
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

END OF REPORT

Tested by

สัทธีวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
26/08/2022 9:00:00 AM	61.1	74.1	48.9	61.1	60.2	5.2
26/08/2022 10:00:00 AM	64.3	70.4	52.3	64.3	60.2	10.0
26/08/2022 11:00:00 AM	60.8	68.4	51.3	60.8	60.2	2.5
26/08/2022 12:00:00 PM	65.2	70.1	55.6	65.2	60.2	8.1
26/08/2022 1:00:00 PM	64.8	75.2	56.3	64.8	60.2	7.0
26/08/2022 2:00:00 PM	60.3	76.9	51.1	60.3	60.2	2.2
26/08/2022 3:00:00 PM	62.8	74.4	55.4	62.8	60.2	4.4
26/08/2022 4:00:00 PM	64.3	69.5	54.6	64.3	60.2	7.7
26/08/2022 5:00:00 PM	61.5	70.4	50.1	61.5	60.2	4.4
26/08/2022 6:00:00 PM	61.9	72.4	53.4	61.9	60.2	4.0
26/08/2022 7:00:00 PM	60.3	70.5	51.4	60.3	60.2	1.9
26/08/2022 8:00:00 PM	63.2	70.8	52.4	63.2	60.2	7.8
26/08/2022 9:00:00 PM	63.1	68.7	53.4	63.1	60.2	6.7
26/08/2022 10:00:00 PM	60.2	68.4	55.4	70.2	60.2	0.0
26/08/2022 11:00:00 PM	65.7	69.6	52.3	75.7	60.2	11.9
27/08/2022 12:00:00 AM	64.1	72.8	50.4	74.1	60.2	11.7
27/08/2022 1:00:00 AM	63.5	73.6	51.2	73.5	60.2	9.3
27/08/2022 2:00:00 AM	61.2	72.9	50.4	71.2	60.2	3.8
27/08/2022 3:00:00 AM	60.8	73.4	50.1	70.8	60.2	3.7
27/08/2022 4:00:00 AM	61.3	69.4	51.4	71.3	60.2	2.9
27/08/2022 5:00:00 AM	60.2	68.7	49.8	70.2	60.2	3.4
27/08/2022 6:00:00 AM	61.2	70.1	50.1	71.2	60.2	4.1
27/08/2022 7:00:00 AM	62.3	68.7	51.3	62.3	60.2	6.5
27/08/2022 8:00:00 AM	61.1	73.6	53.1	61.1	60.2	1.0
L <sub>eq</sub> 24 Hrs.	62.3	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	76.9	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	52.2	-	-	-
L <sub>dn</sub>	-	-	-	68.9	-	-
เสียงรบกวน	-	-	-	-	-	5.4
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกิจกรรม (dB(A))	เสียงรบกวน (dB(A))
27/08/2022 9:00:00 AM	61.8	72.1	55.4	61.8	59.4	1.9
27/08/2022 10:00:00 AM	62.3	69.8	54.2	62.3	59.4	5.1
27/08/2022 11:00:00 AM	60.4	70.5	53.6	60.4	59.4	0.0
27/08/2022 12:00:00 PM	60.8	69.7	50.4	60.8	59.4	3.4
27/08/2022 1:00:00 PM	59.8	70.5	49.9	59.8	59.4	2.9
27/08/2022 2:00:00 PM	59.4	71.4	49.7	59.4	59.4	2.7
27/08/2022 3:00:00 PM	61.4	72.6	50.4	61.4	59.4	6.5
27/08/2022 4:00:00 PM	60.8	71.9	50.1	60.8	59.4	3.7
27/08/2022 5:00:00 PM	61.8	70.8	50.8	61.8	59.4	6.5
27/08/2022 6:00:00 PM	60.8	69.8	50.4	60.8	59.4	3.4
27/08/2022 7:00:00 PM	61.2	68.7	49.5	61.2	59.4	7.2
27/08/2022 8:00:00 PM	59.8	66.5	50.0	59.8	59.4	2.8
27/08/2022 9:00:00 PM	60.8	70.2	50.7	60.8	59.4	3.1
27/08/2022 10:00:00 PM	60.9	70.4	50.1	70.9	59.4	6.3
27/08/2022 11:00:00 PM	59.8	71.4	48.9	69.8	59.4	3.9
28/08/2022 12:00:00 AM	61.2	70.5	49.7	71.2	59.4	7.0
28/08/2022 1:00:00 AM	60.8	68.5	49.5	70.8	59.4	4.3
28/08/2022 2:00:00 AM	60.8	69.1	48.7	70.8	59.4	5.1
28/08/2022 3:00:00 AM	59.6	68.2	49.6	69.6	59.4	3.0
28/08/2022 4:00:00 AM	59.6	68.5	50.1	69.6	59.4	2.5
28/08/2022 5:00:00 AM	60.7	70.4	50.4	70.7	59.4	3.3
28/08/2022 6:00:00 AM	61.4	69.4	50.4	71.4	59.4	6.5
28/08/2022 7:00:00 AM	61.8	70.4	52.3	61.8	59.4	5.0
28/08/2022 8:00:00 AM	60.7	71.9	51.4	60.7	59.4	2.3
L <sub>eq</sub> 24 Hrs.	60.8	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	72.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	50.7	-	-	-
L <sub>dn</sub>	-	-	-	67.0	-	-
เสียงรบกวน	-	-	-	-	-	4.1
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกิจกรรม (dB(A))	เสียงรบกวน (dB(A))
28/08/2022 9:00:00 AM	62.1	72.5	55.5	65.9	59.6	3.6
28/08/2022 10:00:00 AM	60.2	70.4	55.2	65.3	59.6	-2.0
28/08/2022 11:00:00 AM	61.4	71.6	55.9	64.8	59.6	1.0
28/08/2022 12:00:00 PM	61.5	69.4	56.8	63.1	59.6	0.2
28/08/2022 1:00:00 PM	62.3	68.5	62.3	60.5	59.6	-3.0
28/08/2022 2:00:00 PM	60.8	69.7	61.3	57.4	59.6	-7.5
28/08/2022 3:00:00 PM	60.9	69.8	61.4	64.9	59.6	-7.5
28/08/2022 4:00:00 PM	60.1	67.8	61.4	65.3	59.6	-8.3
28/08/2022 5:00:00 PM	59.7	68.4	64.3	65.1	59.6	-11.6
28/08/2022 6:00:00 PM	59.6	67.4	64.5	67.0	59.6	-11.9
28/08/2022 7:00:00 PM	60.5	71.5	62.1	67.3	59.6	-8.6
28/08/2022 8:00:00 PM	60.8	80.5	58.3	65.3	59.6	-4.5
28/08/2022 9:00:00 PM	61.5	71.4	64.7	68.9	59.6	-7.7
28/08/2022 10:00:00 PM	61.8	72.6	62.1	75.7	59.6	-4.8
28/08/2022 11:00:00 PM	59.6	73.5	63.4	70.7	59.6	-10.8
29/08/2022 12:00:00 AM	60.4	74.5	60.3	78.7	59.6	-6.9
29/08/2022 1:00:00 AM	60.8	71.8	60.5	77.4	59.6	-6.7
29/08/2022 2:00:00 AM	59.7	74.3	60.2	75.9	59.6	-7.5
29/08/2022 3:00:00 AM	61.8	75.6	63.4	76.9	59.6	-6.1
29/08/2022 4:00:00 AM	62.5	80.4	63.5	68.1	59.6	-4.0
29/08/2022 5:00:00 AM	60.8	82.4	63.6	68.2	59.6	-9.8
29/08/2022 6:00:00 AM	59.8	75.7	60.4	69.5	59.6	-7.6
29/08/2022 7:00:00 AM	60.8	75.3	60.2	59.6	59.6	-6.4
29/08/2022 8:00:00 AM	60.8	73.6	61.3	61.4	59.6	-7.5
L <sub>eq</sub> 24 Hrs.	60.8	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	82.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	60.9	-	-	-
L <sub>dn</sub>	-	-	-	71.5	-	-
เสียงรบกวน	-	-	-	-	-	-6.1
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval

Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

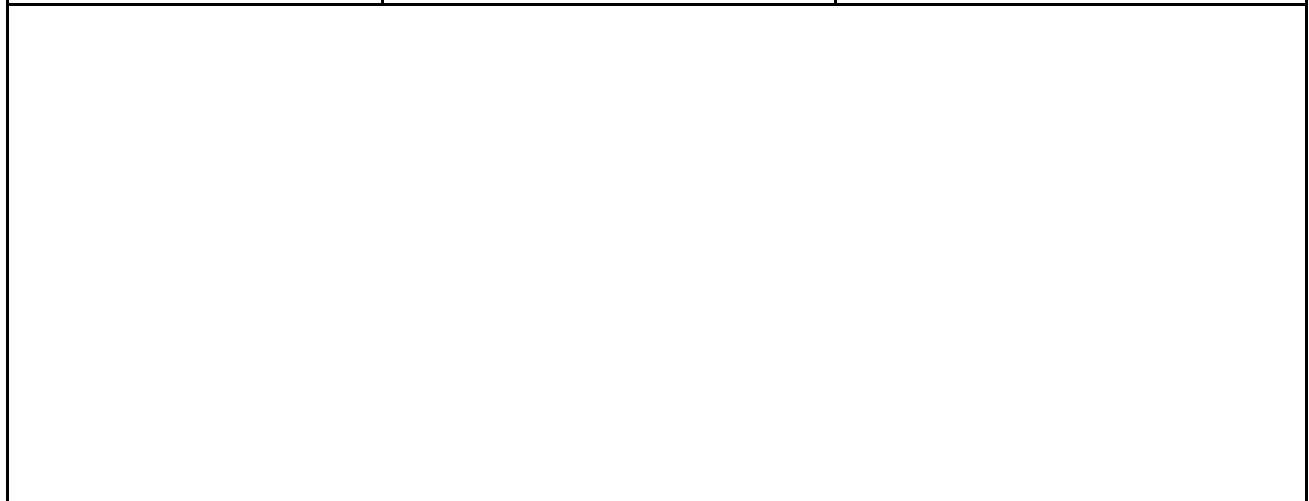
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

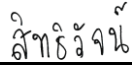
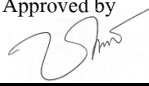
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
24/08/2022 9:00:00 AM	63.5	80.4
24/08/2022 10:00:00 AM	62.3	87.2
24/08/2022 11:00:00 AM	60.1	83.1
24/08/2022 12:00:00 PM	60.4	79.2
24/08/2022 1:00:00 PM	58.9	78.3
24/08/2022 2:00:00 PM	59.4	84.5
24/08/2022 3:00:00 PM	58.7	85.4
24/08/2022 4:00:00 PM	60.1	75.3
<b>Eighth Hours Measurement</b>	<b>60.4</b>	<b>81.7</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

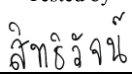
### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
25/08/2022 9:00:00 AM	62.7	85.4
25/08/2022 10:00:00 AM	61.5	84.1
25/08/2022 11:00:00 AM	65.8	84.1
25/08/2022 12:00:00 PM	63.4	79.5
25/08/2022 1:00:00 PM	64.1	81.2
25/08/2022 2:00:00 PM	65.1	79.6
25/08/2022 3:00:00 PM	62.1	82.3
25/08/2022 4:00:00 PM	60.1	80.3
<b>Eighth Hours Measurement</b>	<b>63.1</b>	<b>82.1</b>



=====END OF REPORT=====

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

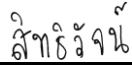
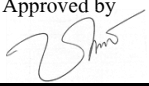
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
26/08/2022 9:00:00 AM	61.1	74.1
26/08/2022 10:00:00 AM	64.3	70.4
26/08/2022 11:00:00 AM	60.8	68.4
26/08/2022 12:00:00 PM	65.2	70.1
26/08/2022 1:00:00 PM	64.8	75.2
26/08/2022 2:00:00 PM	60.3	76.9
26/08/2022 3:00:00 PM	62.80	74.4
26/08/2022 4:00:00 PM	64.3	69.5
<b>Eighth Hours Measurement</b>	<b>63.0</b>	<b>72.4</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

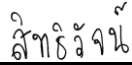
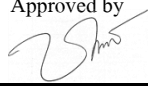
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
27/08/2022 9:00:00 AM	61.8	72.1
27/08/2022 10:00:00 AM	62.30	69.8
27/08/2022 11:00:00 AM	60.4	70.5
27/08/2022 12:00:00 PM	60.8	69.7
27/08/2022 1:00:00 PM	59.8	70.5
27/08/2022 2:00:00 PM	59.4	71.4
27/08/2022 3:00:00 PM	61.4	72.6
27/08/2022 4:00:00 PM	60.8	71.9
<b>Eighth Hours Measurement</b>	<b>60.8</b>	<b>71.1</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

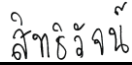
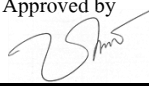
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0409	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
28/08/2022 9:00:00 AM	62.1	72.5
28/08/2022 10:00:00 AM	60.2	70.4
28/08/2022 11:00:00 AM	61.4	71.6
28/08/2022 12:00:00 PM	61.5	69.4
28/08/2022 1:00:00 PM	62.3	68.5
28/08/2022 2:00:00 PM	60.8	69.7
28/08/2022 3:00:00 PM	60.9	69.8
28/08/2022 4:00:00 PM	60.1	67.8
<b>Eighth Hours Measurement</b>	<b>61.2</b>	<b>70.0</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

FM-16-01 แก้ไขครั้งที่ 0



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
24/08/2022 9:00:00 AM	53.6	60.5	45.6	53.6	51.6	3.5
24/08/2022 10:00:00 AM	53.8	61.3	46.3	53.8	51.6	3.0
24/08/2022 11:00:00 AM	54.1	60.4	45.3	54.1	51.6	5.8
24/08/2022 12:00:00 PM	53.9	61.8	48.9	53.9	51.6	0.5
24/08/2022 1:00:00 PM	54.1	64.5	48.9	54.1	51.6	2.2
24/08/2022 2:00:00 PM	53.8	63.2	48.7	53.8	51.6	0.6
24/08/2022 3:00:00 PM	53.6	61.5	49.6	53.6	51.6	0.0
24/08/2022 4:00:00 PM	54.8	64.5	47.9	54.8	51.6	3.9
24/08/2022 5:00:00 PM	53.4	63.8	48.1	53.4	51.6	0.8
24/08/2022 6:00:00 PM	51.6	65.4	45.6	51.6	51.6	0.0
24/08/2022 7:00:00 PM	52.1	65.4	48.7	52.1	51.6	0.0
24/08/2022 8:00:00 PM	54.2	60.5	45.1	54.2	51.6	6.1
24/08/2022 9:00:00 PM	53.8	62.3	46.9	53.8	51.6	2.4
24/08/2022 10:00:00 PM	55.4	61.5	48.7	65.4	51.6	4.7
24/08/2022 11:00:00 PM	54.6	62.4	49.8	64.6	51.6	1.8
25/08/2022 12:00:00 AM	54.3	65.4	50.1	64.3	51.6	1.2
25/08/2022 1:00:00 AM	55.4	64.1	51.2	65.4	51.6	2.2
25/08/2022 2:00:00 AM	56.2	63.2	51.0	66.2	51.6	3.7
25/08/2022 3:00:00 AM	55.9	63.6	50.4	65.9	51.6	3.5
25/08/2022 4:00:00 AM	54.6	65.3	50.8	64.6	51.6	0.8
25/08/2022 5:00:00 AM	53.4	63.5	50.7	63.4	51.6	0.0
25/08/2022 6:00:00 AM	53.9	61.2	49.6	63.9	51.6	0.0
25/08/2022 7:00:00 AM	52.4	63.6	48.7	52.4	51.6	0.0
25/08/2022 8:00:00 AM	53.4	64.8	49.6	53.4	51.6	0.0
L <sub>eq</sub> 24 Hrs.	54.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	65.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	48.6	-	-	-
L <sub>dn</sub>	-	-	-	61.2	-	-
เสียงรบกวน	-	-	-	-	-	1.9
มาตรฐาน* dB(A)	≤70	≤115	-	-	-	≤10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022





# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
25/08/2022 9:00:00 AM	53.4	62.4	46.0	53.4	52.4	0.4
25/08/2022 10:00:00 AM	52.4	63.2	46.3	52.4	52.4	0.0
25/08/2022 11:00:00 AM	54.6	62.4	45.6	54.6	52.4	4.5
25/08/2022 12:00:00 PM	55.4	65.4	45.6	55.4	52.4	6.8
25/08/2022 1:00:00 PM	56.4	63.4	46.9	56.4	52.4	7.5
25/08/2022 2:00:00 PM	55.4	62.8	48.9	55.4	52.4	3.5
25/08/2022 3:00:00 PM	54.6	63.4	50.4	54.6	52.4	0.0
25/08/2022 4:00:00 PM	53.9	64.8	49.7	53.9	52.4	0.0
25/08/2022 5:00:00 PM	53.8	63.9	46.3	53.8	52.4	0.5
25/08/2022 6:00:00 PM	54.1	64.7	45.8	54.1	52.4	3.8
25/08/2022 7:00:00 PM	56.9	61.2	46.9	56.9	52.4	8.5
25/08/2022 8:00:00 PM	55.9	63.4	47.4	55.9	52.4	6.5
25/08/2022 9:00:00 PM	54.7	65.8	48.9	54.7	52.4	1.3
25/08/2022 10:00:00 PM	56.3	64.7	49.6	66.3	52.4	4.7
25/08/2022 11:00:00 PM	55.4	64.5	50.4	65.4	52.4	2.0
26/08/2022 12:00:00 AM	54.6	64.1	48.9	64.6	52.4	1.2
26/08/2022 1:00:00 AM	55.8	62.1	49.7	65.8	52.4	3.1
26/08/2022 2:00:00 AM	54.9	63.9	50.4	64.9	52.4	1.5
26/08/2022 3:00:00 AM	54.8	63.2	51.3	64.8	52.4	0.0
26/08/2022 4:00:00 AM	55.8	65.4	49.8	65.8	52.4	3.0
26/08/2022 5:00:00 AM	57.1	61.4	50.8	67.1	52.4	4.8
26/08/2022 6:00:00 AM	56.8	63.5	52.3	66.8	52.4	2.5
26/08/2022 7:00:00 AM	55.6	62.8	51.9	55.6	52.4	0.7
26/08/2022 8:00:00 AM	54.6	63.4	51.1	54.6	52.4	0.0
L <sub>eq</sub> 24 Hrs.	55.1	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	65.8	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	48.8	-	-	-
L <sub>dn</sub>	-	-	-	62.1	-	-
เสียงรบกวน	-	-	-	-	-	2.8
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

ศิริทิพย์ นูนไธ

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

ชัชวาลย์ วัฒนาวิน

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
26/08/2022 9:00:00 AM	56.4	68.5	48.8	56.4	54.2	3.1
26/08/2022 10:00:00 AM	57.9	68.7	48.6	57.9	54.2	7.3
26/08/2022 11:00:00 AM	56.8	65.7	49.8	56.8	54.2	4.0
26/08/2022 12:00:00 PM	58.7	66.7	49.3	58.7	54.2	7.9
26/08/2022 1:00:00 PM	55.4	68.4	49.5	55.4	54.2	0.0
26/08/2022 2:00:00 PM	54.2	69.7	49.8	54.2	54.2	0.0
26/08/2022 3:00:00 PM	56.9	68.7	47.6	56.9	54.2	6.3
26/08/2022 4:00:00 PM	58.9	69.7	48.1	58.9	54.2	9.3
26/08/2022 5:00:00 PM	57.6	66.3	48.6	57.6	54.2	6.0
26/08/2022 6:00:00 PM	57.6	68.7	48.5	57.6	54.2	6.1
26/08/2022 7:00:00 PM	56.9	67.9	48.6	56.9	54.2	5.3
26/08/2022 8:00:00 PM	57.8	67.4	47.2	57.8	54.2	8.6
26/08/2022 9:00:00 PM	58.7	68.7	46.3	58.7	54.2	10.9
26/08/2022 10:00:00 PM	57.9	67.4	46.9	67.9	54.2	9.0
26/08/2022 11:00:00 PM	58.9	69.8	48.9	68.9	54.2	8.5
27/08/2022 12:00:00 AM	57.8	65.4	50.9	67.8	54.2	4.9
27/08/2022 1:00:00 AM	59.6	64.9	50.7	69.6	54.2	7.4
27/08/2022 2:00:00 AM	58.7	65.8	49.8	68.7	54.2	7.4
27/08/2022 3:00:00 AM	59.6	66.4	51.4	69.6	54.2	6.7
27/08/2022 4:00:00 AM	57.8	67.8	51.6	67.8	54.2	4.2
27/08/2022 5:00:00 AM	59.9	68.9	50.8	69.9	54.2	7.6
27/08/2022 6:00:00 AM	58.7	67.9	53.6	68.7	54.2	3.6
27/08/2022 7:00:00 AM	59.6	68.1	52.6	59.6	54.2	5.5
27/08/2022 8:00:00 AM	58.7	69.3	49.6	58.7	54.2	7.6
L <sub>eq</sub> 24 Hrs.	58.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	69.8	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	49.5	-	-	-
L <sub>dn</sub>	-	-	-	65.1	-	-
เสียงรบกวน	-	-	-	-	-	6.1
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
27/08/2022 9:00:00 AM	55.6	68.9	50.1	55.6	51.9	3.5
27/08/2022 10:00:00 AM	54.6	68.7	50.7	54.6	51.9	0.9
27/08/2022 11:00:00 AM	55.9	69.3	49.6	55.9	51.9	4.3
27/08/2022 12:00:00 PM	58.9	69.0	52.1	58.9	51.9	5.8
27/08/2022 1:00:00 PM	57.7	69.8	52.1	57.7	51.9	4.1
27/08/2022 2:00:00 PM	56.9	65.4	53.6	56.9	51.9	1.8
27/08/2022 3:00:00 PM	53.6	66.5	48.7	53.6	51.9	0.4
27/08/2022 4:00:00 PM	52.6	65.4	47.6	52.6	51.9	0.0
27/08/2022 5:00:00 PM	54.6	66.9	48.7	54.6	51.9	2.9
27/08/2022 6:00:00 PM	54.9	67.8	47.9	54.9	51.9	4.0
27/08/2022 7:00:00 PM	53.6	70.2	50.1	53.6	51.9	0.0
27/08/2022 8:00:00 PM	55.9	70.5	51.7	55.9	51.9	2.2
27/08/2022 9:00:00 PM	54.1	73.6	50.8	54.1	51.9	0.0
27/08/2022 10:00:00 PM	53.2	70.5	48.7	63.2	51.9	0.0
27/08/2022 11:00:00 PM	52.1	68.9	47.9	62.1	51.9	0.0
28/08/2022 12:00:00 AM	51.9	72.5	46.8	61.9	51.9	0.0
28/08/2022 1:00:00 AM	55.6	74.0	45.9	65.6	51.9	7.7
28/08/2022 2:00:00 AM	53.9	74.6	47.6	63.9	51.9	1.8
28/08/2022 3:00:00 AM	53.9	70.5	45.6	63.9	51.9	3.8
28/08/2022 4:00:00 AM	53.9	69.6	50.1	63.9	51.9	0.0
28/08/2022 5:00:00 AM	55.4	68.7	50.4	65.4	51.9	3.0
28/08/2022 6:00:00 AM	56.9	69.3	51.8	66.9	51.9	3.6
28/08/2022 7:00:00 AM	56.8	70.5	52.9	56.8	51.9	2.4
28/08/2022 8:00:00 AM	57.8	71.8	53.9	57.8	51.9	2.4
L <sub>eq</sub> 24 Hrs.	55.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	74.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	49.8	-	-	-
L <sub>dn</sub>	-	-	-	61.0	-	-
เสียงรบกวน	-	-	-	-	-	2.3
มาตรฐาน* dB(A)	≤70	≤115	-	-	-	≤10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกิจกรรม (dB(A))	เสียงรบกวน (dB(A))
28/08/2022 9:00:00 AM	56.4	73.9	50.4	56.4	48.7	5.5
28/08/2022 10:00:00 AM	55.9	75.8	51.4	55.9	48.7	3.5
28/08/2022 11:00:00 AM	54.7	77.4	49.8	54.7	48.7	3.4
28/08/2022 12:00:00 PM	53.9	74.9	50.8	53.9	48.7	1.6
28/08/2022 1:00:00 PM	56.9	75.6	52.4	56.9	48.7	4.0
28/08/2022 2:00:00 PM	54.8	80.4	48.7	54.8	48.7	4.6
28/08/2022 3:00:00 PM	55.6	73.6	49.6	55.6	48.7	5.0
28/08/2022 4:00:00 PM	54.8	75.9	50.4	54.8	48.7	2.9
28/08/2022 5:00:00 PM	54.0	76.3	49.8	54.0	48.7	2.7
28/08/2022 6:00:00 PM	53.4	69.4	51.4	53.4	48.7	0.5
28/08/2022 7:00:00 PM	49.9	70.4	47.8	49.9	48.7	0.0
28/08/2022 8:00:00 PM	48.7	71.5	46.4	48.7	48.7	0.0
28/08/2022 9:00:00 PM	50.7	72.6	47.3	50.7	48.7	0.0
28/08/2022 10:00:00 PM	50.5	69.8	46.4	60.5	48.7	0.0
28/08/2022 11:00:00 PM	50.7	68.9	45.9	60.7	48.7	0.3
29/08/2022 12:00:00 AM	49.7	65.4	43.6	59.7	48.7	0.0
29/08/2022 1:00:00 AM	49.6	68.7	41.4	59.6	48.7	1.2
29/08/2022 2:00:00 AM	51.4	70.4	46.5	61.4	48.7	1.9
29/08/2022 3:00:00 AM	53.8	71.6	48.7	63.8	48.7	3.6
29/08/2022 4:00:00 AM	50.7	70.4	45.7	60.7	48.7	0.5
29/08/2022 5:00:00 AM	51.7	71.4	44.8	61.7	48.7	3.9
29/08/2022 6:00:00 AM	53.6	72.5	46.5	63.6	48.7	5.6
29/08/2022 7:00:00 AM	54.8	70.4	49.7	54.8	48.7	3.6
29/08/2022 8:00:00 AM	51.9	68.4	48.7	51.9	48.7	0.2
L <sub>eq</sub> 24 Hrs.	52.8	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	80.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	48.1	-	-	-
L <sub>dn</sub>	-	-	-	58.5	-	-
เสียงรบกวน	-	-	-	-	-	2.3
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

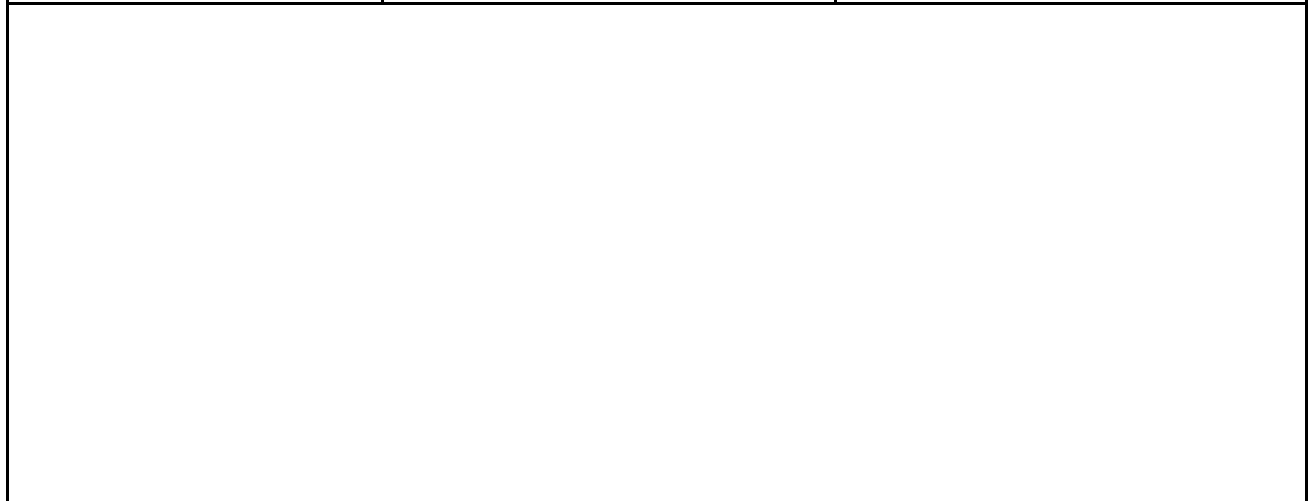
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

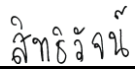
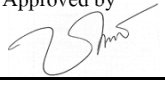
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
24/08/2022 9:00:00 AM	53.6	60.5
24/08/2022 10:00:00 AM	53.8	61.3
24/08/2022 11:00:00 AM	54.1	60.4
24/08/2022 12:00:00 PM	53.9	61.8
24/08/2022 1:00:00 PM	54.1	64.5
24/08/2022 2:00:00 PM	53.8	63.2
24/08/2022 3:00:00 PM	53.6	61.5
24/08/2022 4:00:00 PM	54.8	64.5
<b>Eighth Hours Measurement</b>	<b>54.0</b>	<b>62.2</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

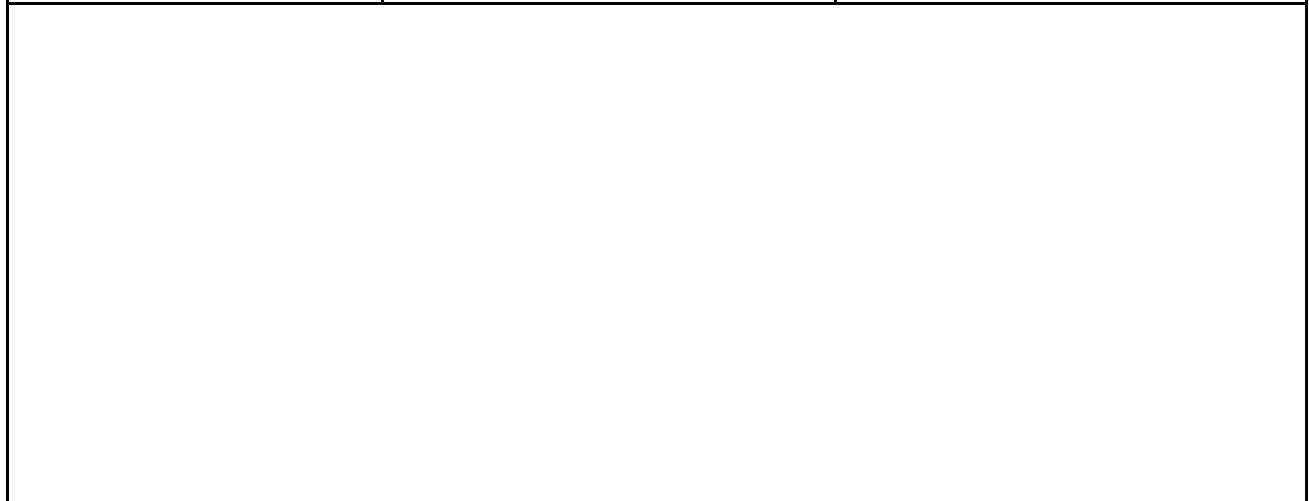
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

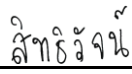
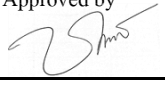
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
25/08/2022 9:00:00 AM	53.4	62.4
25/08/2022 10:00:00 AM	52.4	63.2
25/08/2022 11:00:00 AM	54.6	62.4
25/08/2022 12:00:00 PM	55.4	65.4
25/08/2022 1:00:00 PM	56.4	63.4
25/08/2022 2:00:00 PM	55.4	62.8
25/08/2022 3:00:00 PM	54.6	63.4
25/08/2022 4:00:00 PM	53.9	64.8
<b>Eighth Hours Measurement</b>	<b>54.5</b>	<b>63.5</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

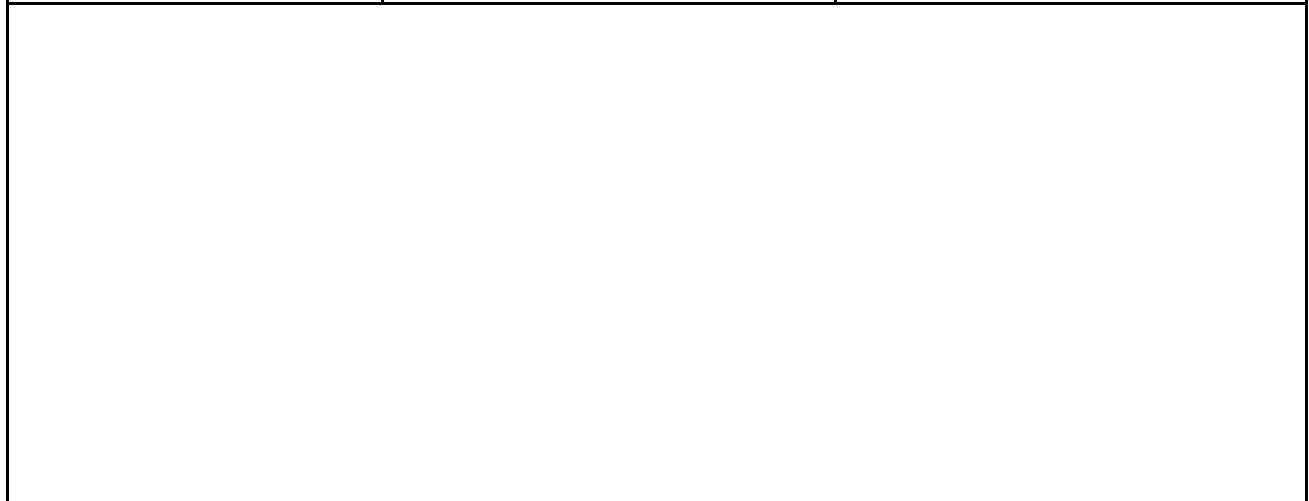
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

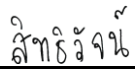
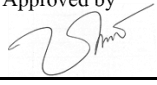
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
26/08/2022 9:00:00 AM	56.4	68.5
26/08/2022 10:00:00 AM	57.9	68.7
26/08/2022 11:00:00 AM	56.8	65.7
26/08/2022 12:00:00 PM	58.7	66.7
26/08/2022 1:00:00 PM	55.4	68.4
26/08/2022 2:00:00 PM	54.2	69.7
26/08/2022 3:00:00 PM	56.9	68.7
26/08/2022 4:00:00 PM	58.9	69.7
<b>Eighth Hours Measurement</b>	<b>56.9</b>	<b>68.3</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

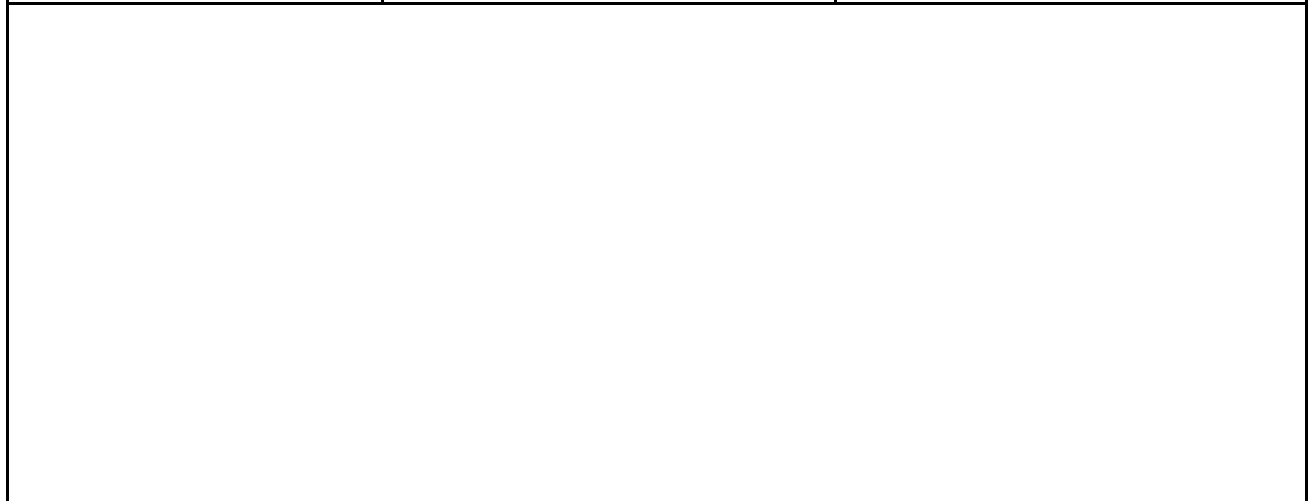
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

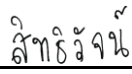
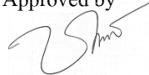
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
27/08/2022 9:00:00 AM	55.6	68.9
27/08/2022 10:00:00 AM	54.6	68.7
27/08/2022 11:00:00 AM	55.9	69.3
27/08/2022 12:00:00 PM	58.9	69.0
27/08/2022 1:00:00 PM	57.7	69.8
27/08/2022 2:00:00 PM	56.9	65.4
27/08/2022 3:00:00 PM	53.6	66.5
27/08/2022 4:00:00 PM	52.6	65.4
<b>Eighth Hours Measurement</b>	<b>55.7</b>	<b>67.9</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

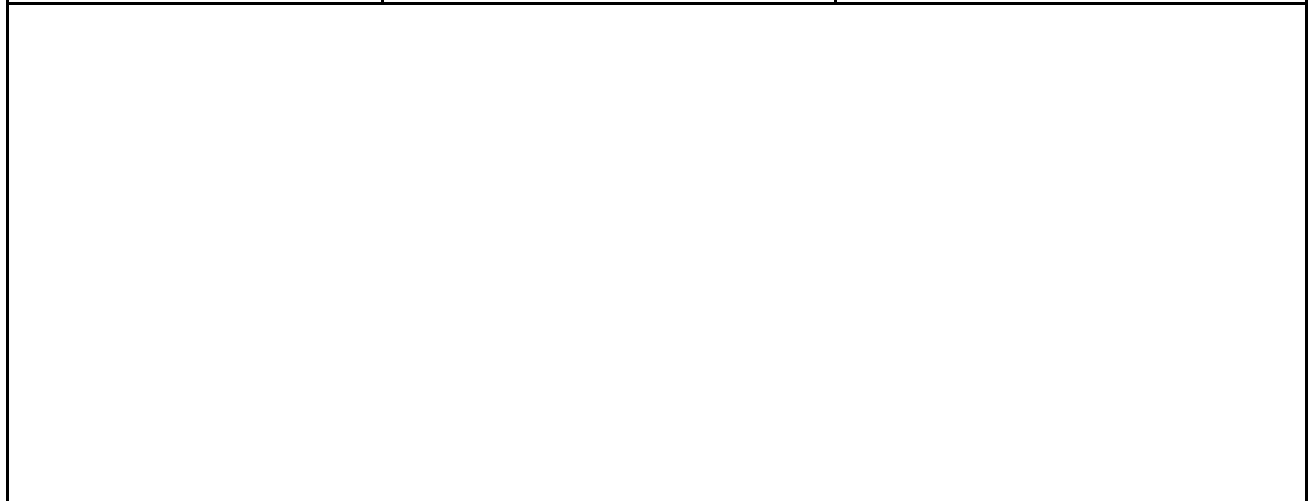
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

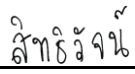
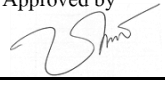
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0410	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
28/08/2022 9:00:00 AM	56.4	73.9
28/08/2022 10:00:00 AM	55.9	75.8
28/08/2022 11:00:00 AM	54.7	77.4
28/08/2022 12:00:00 PM	53.9	74.9
28/08/2022 1:00:00 PM	56.9	75.6
28/08/2022 2:00:00 PM	54.8	80.4
28/08/2022 3:00:00 PM	55.6	73.6
28/08/2022 4:00:00 PM	54.8	75.9
<b>Eighth Hours Measurement</b>	<b>55.4</b>	<b>75.9</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699-
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบทวน (dB(A))	เสียงรบกวน (dB(A))
24/08/2022 9:00:00 AM	49.8	65.4	43.5	49.8	46.3	4.3
24/08/2022 10:00:00 AM	49.8	65.4	42.5	49.8	46.3	5.3
24/08/2022 11:00:00 AM	47.9	66.9	43.6	47.9	46.3	0.0
24/08/2022 12:00:00 PM	51.3	64.7	43.5	51.3	46.3	6.3
24/08/2022 1:00:00 PM	50.4	69.6	43.9	50.4	46.3	4.5
24/08/2022 2:00:00 PM	49.8	70.5	44.1	49.8	46.3	3.7
24/08/2022 3:00:00 PM	47.8	68.4	42.1	47.8	46.3	1.2
24/08/2022 4:00:00 PM	49.5	68.3	42.9	49.5	46.3	3.6
24/08/2022 5:00:00 PM	49.1	69.6	43.6	49.1	46.3	2.5
24/08/2022 6:00:00 PM	49.9	67.9	45.6	49.9	46.3	2.3
24/08/2022 7:00:00 PM	48.7	77.6	41.5	48.7	46.3	2.7
24/08/2022 8:00:00 PM	49.7	80.5	46.3	49.7	46.3	0.4
24/08/2022 9:00:00 PM	49.1	69.9	45.9	49.1	46.3	0.2
24/08/2022 10:00:00 PM	46.3	73.6	41.8	56.3	46.3	0.0
24/08/2022 11:00:00 PM	48.9	74.1	43.1	58.9	46.3	2.8
25/08/2022 12:00:00 AM	48.7	70.0	43.5	58.7	46.3	0.7
25/08/2022 1:00:00 AM	48.9	68.7	42.9	58.9	46.3	3.0
25/08/2022 2:00:00 AM	49.5	70.4	41.5	59.5	46.3	5.0
25/08/2022 3:00:00 AM	50.4	68.5	42.1	60.4	46.3	6.3
25/08/2022 4:00:00 AM	49.8	71.5	41.8	59.8	46.3	6.0
25/08/2022 5:00:00 AM	52.3	69.4	45.6	62.3	46.3	5.2
25/08/2022 6:00:00 AM	51.4	70.4	46.5	61.4	46.3	3.4
25/08/2022 7:00:00 AM	52.3	72.6	47.4	62.3	46.3	3.4
25/08/2022 8:00:00 AM	51.4	69.8	48.1	61.4	46.3	1.8
L <sub>eq</sub> 24 Hrs.	49.7	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	80.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	43.9	-	-	-
L <sub>dn</sub>	-	-	-	56.3	-	-
เสียงรบกวน	-	-	-	-	-	3.1
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณ โรงเรียนบ้านหนองแดง (47P 0809451, 1699
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
25/08/2022 9:00:00 AM	49.6	70.4	41.3	49.6	45.9	6.3
25/08/2022 10:00:00 AM	48.9	69.8	40.5	48.9	45.9	5.4
25/08/2022 11:00:00 AM	47.8	69.4	42.9	47.8	45.9	0.4
25/08/2022 12:00:00 PM	49.6	68.7	41.8	49.6	45.9	5.8
25/08/2022 1:00:00 PM	50.4	69.2	47.8	50.4	45.9	1.1
25/08/2022 2:00:00 PM	50.8	69.6	45.7	50.8	45.9	3.6
25/08/2022 3:00:00 PM	51.4	72.5	47.6	51.4	45.9	2.3
25/08/2022 4:00:00 PM	50.8	70.4	48.6	50.8	45.9	0.7
25/08/2022 5:00:00 PM	49.6	72.6	46.9	49.6	45.9	0.7
25/08/2022 6:00:00 PM	49.8	71.9	46.0	49.8	45.9	1.8
25/08/2022 7:00:00 PM	49.5	80.6	47.8	49.5	45.9	0.0
25/08/2022 8:00:00 PM	49.6	81.6	45.2	49.6	45.9	2.4
25/08/2022 9:00:00 PM	51.9	79.6	48.6	51.9	45.9	1.8
25/08/2022 10:00:00 PM	48.1	85.6	41.3	58.1	45.9	2.3
25/08/2022 11:00:00 PM	48.6	74.3	41.3	58.6	45.9	4.3
26/08/2022 12:00:00 AM	48.5	71.2	38.5	58.5	45.9	7.0
26/08/2022 1:00:00 AM	45.9	69.5	36.5	55.9	45.9	2.4
26/08/2022 2:00:00 AM	46.3	64.5	40.8	56.3	45.9	0.0
26/08/2022 3:00:00 AM	47.9	65.6	46.3	57.9	45.9	0.0
26/08/2022 4:00:00 AM	49.5	65.4	46.3	59.5	45.9	1.2
26/08/2022 5:00:00 AM	50.2	65.8	45.9	60.2	45.9	2.3
26/08/2022 6:00:00 AM	51.4	69.5	45.7	61.4	45.9	4.2
26/08/2022 7:00:00 AM	52.3	70.4	47.1	62.3	45.9	3.7
26/08/2022 8:00:00 AM	50.4	68.4	45.7	60.4	45.9	3.2
L <sub>eq</sub> 24 Hrs.	49.5	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	85.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	44.4	-	-	-
L <sub>dn</sub>	-	-	-	55.5	-	-
เสียงรบกวน	-	-	-	-	-	2.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

ศิริวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกิจกรรม (dB(A))	เสียงรบกวน (dB(A))
26/08/2022 9:00:00 AM	48.8	74.1	40.3	48.8	48.6	1.5
26/08/2022 10:00:00 AM	53.6	70.5	42.1	53.6	48.6	10.0
26/08/2022 11:00:00 AM	52.4	74.1	41.9	52.4	48.6	8.5
26/08/2022 12:00:00 PM	55.6	69.3	45.1	55.6	48.6	9.5
26/08/2022 1:00:00 PM	54.1	70.4	50.1	54.1	48.6	2.5
26/08/2022 2:00:00 PM	50.9	72.4	48.9	50.9	48.6	0.0
26/08/2022 3:00:00 PM	50.8	70.4	45.6	50.8	48.6	0.7
26/08/2022 4:00:00 PM	52.3	68.9	47.1	52.3	48.6	3.2
26/08/2022 5:00:00 PM	52.4	69.8	46.9	52.4	48.6	3.5
26/08/2022 6:00:00 PM	53.6	72.3	49.6	53.6	48.6	2.5
26/08/2022 7:00:00 PM	50.4	75.4	47.5	50.4	48.6	0.0
26/08/2022 8:00:00 PM	51.4	80.4	47.5	51.4	48.6	0.9
26/08/2022 9:00:00 PM	50.9	77.5	47.6	50.9	48.6	0.0
26/08/2022 10:00:00 PM	51.4	76.3	47.6	61.4	48.6	0.8
26/08/2022 11:00:00 PM	50.7	69.8	48.7	60.7	48.6	0.0
27/08/2022 12:00:00 AM	50.4	71.4	49.6	60.4	48.6	0.0
27/08/2022 1:00:00 AM	49.6	70.4	40.5	59.6	48.6	2.1
27/08/2022 2:00:00 AM	50.1	69.8	41.2	60.1	48.6	4.4
27/08/2022 3:00:00 AM	51.4	74.5	45.9	61.4	48.6	2.5
27/08/2022 4:00:00 AM	49.2	71.4	44.0	59.2	48.6	0.0
27/08/2022 5:00:00 AM	48.6	68.5	43.6	58.6	48.6	0.0
27/08/2022 6:00:00 AM	49.5	69.3	42.6	59.5	48.6	0.0
27/08/2022 7:00:00 AM	50.1	71.4	41.2	50.1	48.6	4.4
27/08/2022 8:00:00 AM	49.7	74.2	40.9	49.7	48.6	1.8
L <sub>eq</sub> 24 Hrs.	51.2	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	80.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	45.3	-	-	-
L <sub>dn</sub>	-	-	-	57.0	-	-
เสียงรบกวน	-	-	-	-	-	2.5
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699-
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
27/08/2022 9:00:00 AM	49.8	70.4	41.2	49.8	47.6	4.1
27/08/2022 10:00:00 AM	47.6	69.5	45.6	47.6	47.6	0.0
27/08/2022 11:00:00 AM	49.6	65.4	43.9	49.6	47.6	1.2
27/08/2022 12:00:00 PM	49.5	65.2	43.1	49.5	47.6	1.9
27/08/2022 1:00:00 PM	48.5	68.9	41.4	48.5	47.6	0.1
27/08/2022 2:00:00 PM	50.7	67.6	43.6	50.7	47.6	4.1
27/08/2022 3:00:00 PM	50.6	69.3	44.5	50.6	47.6	3.1
27/08/2022 4:00:00 PM	50.4	64.5	43.6	50.4	47.6	3.8
27/08/2022 5:00:00 PM	51.8	64.5	44.1	51.8	47.6	5.7
27/08/2022 6:00:00 PM	52.3	66.5	45.6	52.3	47.6	5.2
27/08/2022 7:00:00 PM	54.5	67.8	41.2	54.5	47.6	12.3
27/08/2022 8:00:00 PM	55.6	68.9	43.6	55.6	47.6	11.5
27/08/2022 9:00:00 PM	54.6	68.9	46.9	54.6	47.6	6.7
27/08/2022 10:00:00 PM	52.1	70.5	49.8	62.1	47.6	0.8
27/08/2022 11:00:00 PM	50.4	69.8	48.9	60.4	47.6	0.0
28/08/2022 12:00:00 AM	51.2	67.4	47.1	61.2	47.6	2.1
28/08/2022 1:00:00 AM	50.7	70.4	46.2	60.7	47.6	1.5
28/08/2022 2:00:00 AM	51.6	68.9	46.2	61.6	47.6	3.4
28/08/2022 3:00:00 AM	49.8	72.4	42.1	59.8	47.6	3.2
28/08/2022 4:00:00 AM	48.7	75.4	40.1	58.7	47.6	1.6
28/08/2022 5:00:00 AM	49.6	70.6	41.0	59.6	47.6	4.1
28/08/2022 6:00:00 AM	50.7	68.7	42.0	60.7	47.6	5.7
28/08/2022 7:00:00 AM	49.8	65.4	41.8	49.8	47.6	3.5
28/08/2022 8:00:00 AM	50.6	65.1	39.8	50.6	47.6	7.8
L <sub>eq</sub> 24 Hrs.	50.9	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	75.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	43.9	-	-	-
L <sub>dn</sub>	-	-	-	57.2	-	-
เสียงรบกวน	-	-	-	-	-	3.9
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกิจกรรม (dB(A))	เสียงรบกวน (dB(A))
28/08/2022 9:00:00 AM	48.9	67.4	40.8	48.9	47.8	1.1
28/08/2022 10:00:00 AM	47.8	65.4	39.6	47.8	47.8	1.2
28/08/2022 11:00:00 AM	48.9	66.2	39.4	48.9	47.8	2.5
28/08/2022 12:00:00 PM	49.6	69.3	39.8	49.6	47.8	5.3
28/08/2022 1:00:00 PM	48.1	64.6	40.1	48.1	47.8	1.0
28/08/2022 2:00:00 PM	51.4	65.6	42.3	51.4	47.8	7.1
28/08/2022 3:00:00 PM	50.8	67.8	45.6	50.8	47.8	2.2
28/08/2022 4:00:00 PM	49.6	68.8	43.9	49.6	47.8	1.2
28/08/2022 5:00:00 PM	48.5	67.8	43.1	48.5	47.8	0.0
28/08/2022 6:00:00 PM	47.9	67.9	42.1	47.9	47.8	0.0
28/08/2022 7:00:00 PM	49.6	69.3	40.2	49.6	47.8	4.9
28/08/2022 8:00:00 PM	50.4	69.4	41.8	50.4	47.8	5.6
28/08/2022 9:00:00 PM	49.8	75.4	42.1	49.8	47.8	3.2
28/08/2022 10:00:00 PM	52.3	74.6	45.6	62.3	47.8	5.2
28/08/2022 11:00:00 PM	51.4	71.2	45.6	61.4	47.8	3.8
29/08/2022 12:00:00 AM	50.6	71.2	46.2	60.6	47.8	1.4
29/08/2022 1:00:00 AM	48.9	69.1	45.9	58.9	47.8	0.0
29/08/2022 2:00:00 AM	49.7	68.0	44.1	59.7	47.8	1.1
29/08/2022 3:00:00 AM	52.3	69.8	44.6	62.3	47.8	6.2
29/08/2022 4:00:00 AM	53.2	65.1	40.5	63.2	47.8	11.2
29/08/2022 5:00:00 AM	51.0	70.4	42.9	61.0	47.8	5.1
29/08/2022 6:00:00 AM	51.4	63.5	44.1	61.4	47.8	5.3
29/08/2022 7:00:00 AM	50.8	65.4	45.6	50.8	47.8	2.2
29/08/2022 8:00:00 AM	49.9	70.4	44.3	49.9	47.8	1.1
L <sub>eq</sub> 24 Hrs.	50.1	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	75.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	42.9	-	-	-
L <sub>dn</sub>	-	-	-	57.6	-	-
เสียงรบกวน	-	-	-	-	-	3.2
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

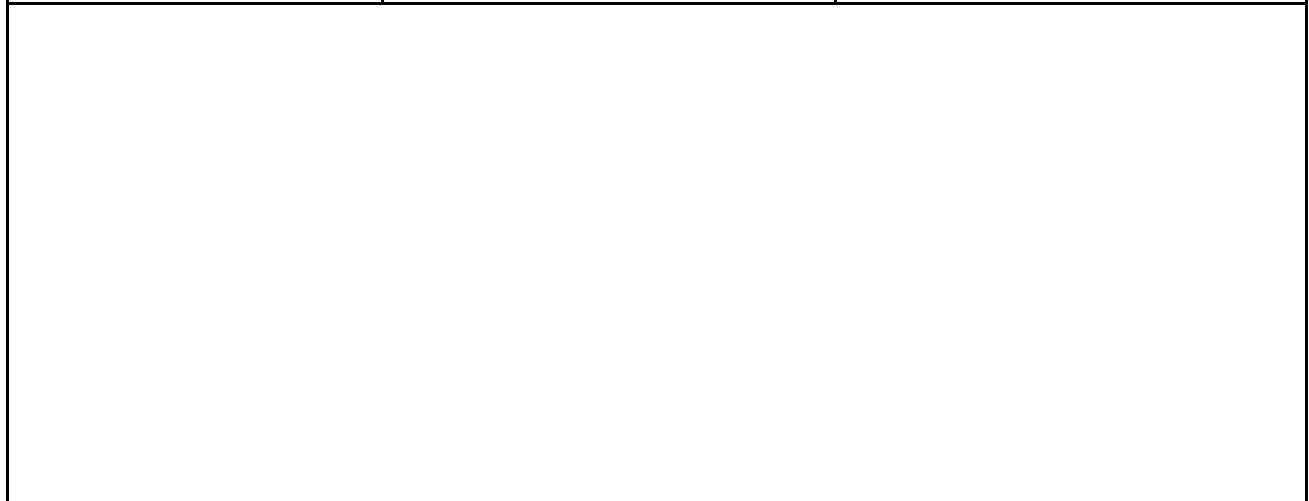
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

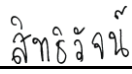
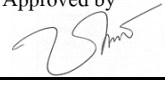
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
24/08/2022 9:00:00 AM	49.8	65.4
24/08/2022 10:00:00 AM	49.8	65.4
24/08/2022 11:00:00 AM	47.9	66.9
24/08/2022 12:00:00 PM	51.3	64.7
24/08/2022 1:00:00 PM	50.4	69.6
24/08/2022 2:00:00 PM	49.8	70.5
24/08/2022 3:00:00 PM	47.8	68.4
24/08/2022 4:00:00 PM	49.5	68.3
<b>Eighth Hours Measurement</b>	<b>49.5</b>	<b>67.4</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

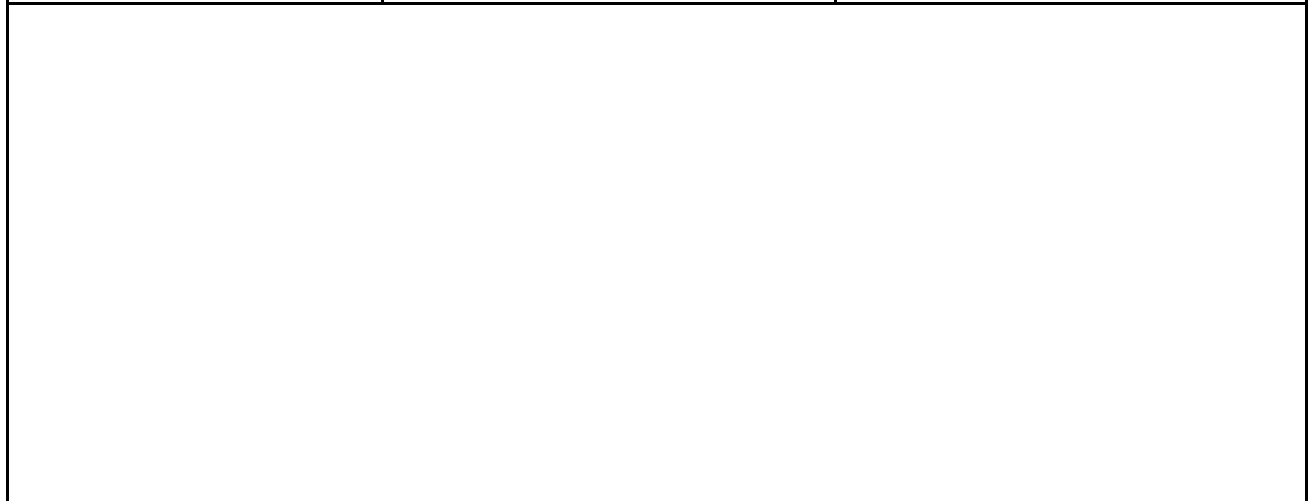
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

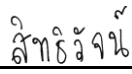
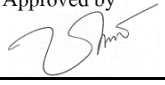
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
25/08/2022 9:00:00 AM	49.6	70.4
25/08/2022 10:00:00 AM	48.9	69.8
25/08/2022 11:00:00 AM	47.8	69.4
25/08/2022 12:00:00 PM	49.6	68.7
25/08/2022 1:00:00 PM	50.4	69.2
25/08/2022 2:00:00 PM	50.8	69.6
25/08/2022 3:00:00 PM	51.4	72.5
25/08/2022 4:00:00 PM	50.8	70.4
<b>Eighth Hours Measurement</b>	<b>49.9</b>	<b>70.0</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

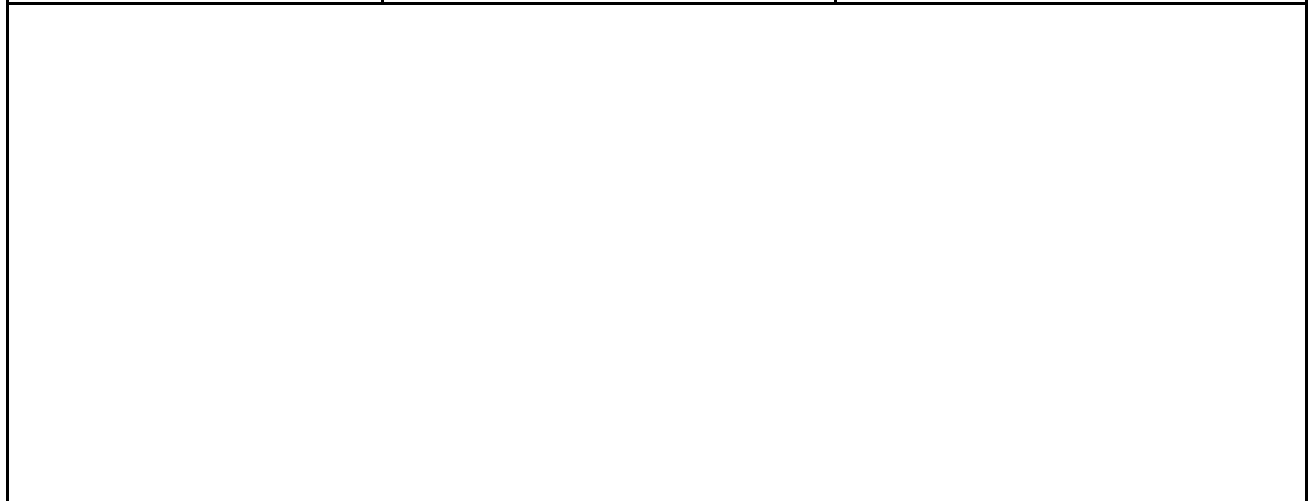
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

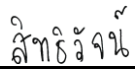
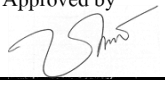
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
26/08/2022 9:00:00 AM	48.8	74.1
26/08/2022 10:00:00 AM	53.6	70.5
26/08/2022 11:00:00 AM	52.4	74.1
26/08/2022 12:00:00 PM	55.6	69.3
26/08/2022 1:00:00 PM	54.1	70.4
26/08/2022 2:00:00 PM	50.9	72.4
26/08/2022 3:00:00 PM	50.8	70.4
26/08/2022 4:00:00 PM	52.3	68.9
<b>Eighth Hours Measurement</b>	<b>52.3</b>	<b>71.3</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

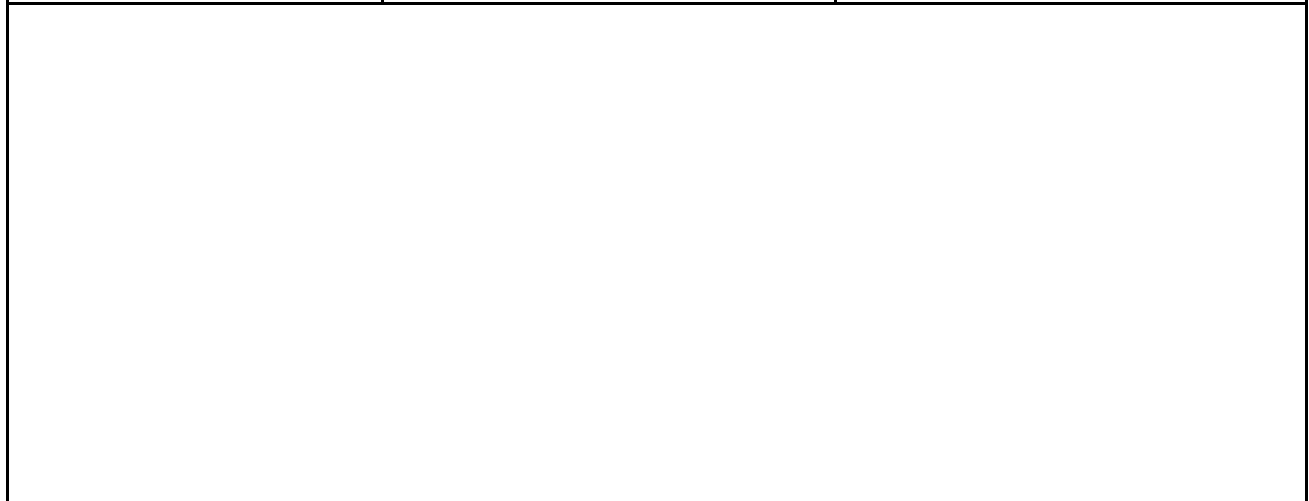
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

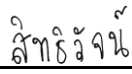
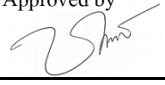
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
27/08/2022 9:00:00 AM	49.8	70.4
27/08/2022 10:00:00 AM	47.6	69.5
27/08/2022 11:00:00 AM	49.6	65.4
27/08/2022 12:00:00 PM	49.5	65.2
27/08/2022 1:00:00 PM	48.5	68.9
27/08/2022 2:00:00 PM	50.7	67.6
27/08/2022 3:00:00 PM	50.6	69.3
27/08/2022 4:00:00 PM	50.4	64.5
<b>Eighth Hours Measurement</b>	<b>49.6</b>	<b>67.6</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

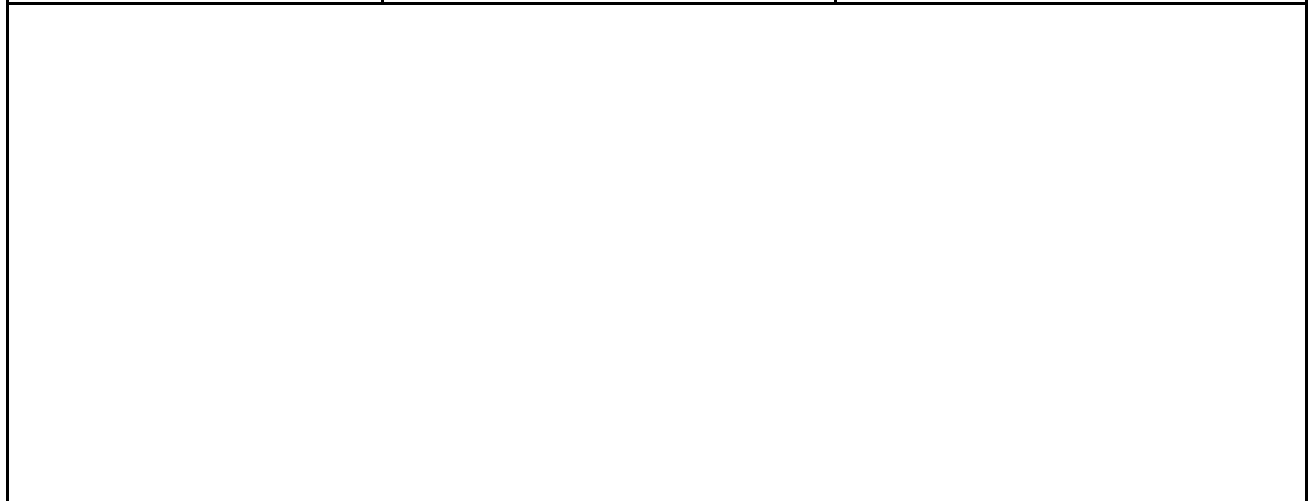
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

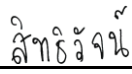
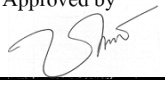
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0411	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
28/08/2022 9:00:00 AM	48.9	67.4
28/08/2022 10:00:00 AM	47.8	65.4
28/08/2022 11:00:00 AM	48.9	66.2
28/08/2022 12:00:00 PM	49.6	69.3
28/08/2022 1:00:00 PM	48.1	64.6
28/08/2022 2:00:00 PM	51.4	65.6
28/08/2022 3:00:00 PM	50.8	67.8
28/08/2022 4:00:00 PM	49.6	68.8
<b>Eighth Hours Measurement</b>	<b>49.4</b>	<b>66.9</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 165
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
24/08/2022 9:00:00 AM	48.9	75.6	39.5	48.9	48.9	2.4
24/08/2022 10:00:00 AM	50.4	77.4	36.9	50.4	48.9	9.0
24/08/2022 11:00:00 AM	51.2	76.3	38.9	51.2	48.9	7.8
24/08/2022 12:00:00 PM	49.5	78.9	41.2	49.5	48.9	1.3
24/08/2022 1:00:00 PM	49.6	69.3	41.3	49.6	48.9	1.3
24/08/2022 2:00:00 PM	49.6	70.4	39.5	49.6	48.9	3.1
24/08/2022 3:00:00 PM	55.6	69.8	40.6	55.6	48.9	14.0
24/08/2022 4:00:00 PM	55.4	71.4	39.8	55.4	48.9	14.6
24/08/2022 5:00:00 PM	54.6	72.3	41.5	54.6	48.9	11.6
24/08/2022 6:00:00 PM	50.9	70.4	43.6	50.9	48.9	2.8
24/08/2022 7:00:00 PM	53.6	69.8	45.6	53.6	48.9	6.5
24/08/2022 8:00:00 PM	53.8	69.4	49.0	53.8	48.9	3.3
24/08/2022 9:00:00 PM	53.4	70.4	48.7	53.4	48.9	3.2
24/08/2022 10:00:00 PM	54.2	71.5	49.2	64.2	48.9	3.5
24/08/2022 11:00:00 PM	53.6	75.6	50.1	63.6	48.9	2.0
25/08/2022 12:00:00 AM	52.1	74.1	51.2	62.1	48.9	0.0
25/08/2022 1:00:00 AM	55.4	72.3	50.1	65.4	48.9	4.3
25/08/2022 2:00:00 AM	58.9	69.8	51.4	68.9	48.9	7.0
25/08/2022 3:00:00 AM	57.8	67.9	52.3	67.8	48.9	5.0
25/08/2022 4:00:00 AM	56.9	65.4	50.9	66.9	48.9	5.5
25/08/2022 5:00:00 AM	57.4	67.4	50.7	67.4	48.9	6.2
25/08/2022 6:00:00 AM	57.4	68.9	53.6	67.4	48.9	3.3
25/08/2022 7:00:00 AM	56.3	70.4	54.1	56.3	48.9	1.2
25/08/2022 8:00:00 AM	55.4	68.7	52.9	55.4	48.9	1.5
L <sub>eq</sub> 24 Hrs.	53.8	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	78.9	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	46.4	-	-	-
L <sub>dn</sub>	-	-	-	62.5	-	-
เสียงรบกวน	-	-	-	-	-	5.0
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธินันท์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
25/08/2022 9:00:00 AM	52.3	68.5	40.5	52.3	47.9	9.8
25/08/2022 10:00:00 AM	51.4	69.5	40.5	51.4	47.9	8.9
25/08/2022 11:00:00 AM	50.1	64.5	40.6	50.1	47.9	5.0
25/08/2022 12:00:00 PM	55.6	68.9	41.3	55.6	47.9	13.8
25/08/2022 1:00:00 PM	54.3	67.5	42.6	54.3	47.9	10.2
25/08/2022 2:00:00 PM	65.3	69.3	55.6	65.3	47.9	9.7
25/08/2022 3:00:00 PM	63.2	68.5	55.9	63.2	47.9	7.3
25/08/2022 4:00:00 PM	51.9	70.4	40.6	51.9	47.9	9.3
25/08/2022 5:00:00 PM	51.4	69.8	43.6	51.4	47.9	5.8
25/08/2022 6:00:00 PM	50.1	69.5	41.5	50.1	47.9	4.1
25/08/2022 7:00:00 PM	48.9	67.8	40.9	48.9	47.9	1.0
25/08/2022 8:00:00 PM	49.8	70.4	45.6	49.8	47.9	0.0
25/08/2022 9:00:00 PM	50.4	71.5	43.6	50.4	47.9	3.8
25/08/2022 10:00:00 PM	48.7	69.4	43.9	58.7	47.9	0.0
25/08/2022 11:00:00 PM	47.9	69.3	45.6	57.9	47.9	0.0
26/08/2022 12:00:00 AM	50.4	70.4	42.0	60.4	47.9	5.4
26/08/2022 1:00:00 AM	51.4	72.4	40.9	61.4	47.9	8.5
26/08/2022 2:00:00 AM	50.8	71.4	39.8	60.8	47.9	8.0
26/08/2022 3:00:00 AM	49.6	70.4	40.1	59.6	47.9	5.0
26/08/2022 4:00:00 AM	50.4	69.8	42.9	60.4	47.9	4.5
26/08/2022 5:00:00 AM	48.7	69.1	42.5	58.7	47.9	0.0
26/08/2022 6:00:00 AM	49.6	70.5	41.5	59.6	47.9	3.6
26/08/2022 7:00:00 AM	50.4	71.5	42.3	50.4	47.9	5.1
26/08/2022 8:00:00 AM	48.7	69.7	43.1	48.7	47.9	0.0
L <sub>eq</sub> 24 Hrs.	51.7	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	72.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	43.2	-	-	-
L <sub>dn</sub>	-	-	-	58.3	-	-
เสียงรบกวน	-	-	-	-	-	5.4
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

ศิริวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 165
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
26/08/2022 9:00:00 AM	50.2	69.8	42.3	50.2	50.2	0.9
26/08/2022 10:00:00 AM	52.1	64.8	42.1	52.1	50.2	5.5
26/08/2022 11:00:00 AM	50.4	64.3	43.6	50.4	50.2	0.0
26/08/2022 12:00:00 PM	53.5	65.4	43.1	53.5	50.2	7.4
26/08/2022 1:00:00 PM	55.6	67.3	44.6	55.6	50.2	9.5
26/08/2022 2:00:00 PM	54.1	68.5	46.3	54.1	50.2	5.8
26/08/2022 3:00:00 PM	53.4	68.7	48.9	53.4	50.2	1.5
26/08/2022 4:00:00 PM	53.2	65.4	48.9	53.2	50.2	1.3
26/08/2022 5:00:00 PM	55.4	64.5	50.1	55.4	50.2	3.8
26/08/2022 6:00:00 PM	54.3	65.9	49.8	54.3	50.2	2.5
26/08/2022 7:00:00 PM	51.6	63.5	45.6	51.6	50.2	0.0
26/08/2022 8:00:00 PM	53.9	64.2	45.1	53.9	50.2	6.8
26/08/2022 9:00:00 PM	52.4	69.8	48.6	52.4	50.2	0.0
26/08/2022 10:00:00 PM	53.9	68.1	45.6	63.9	50.2	6.3
26/08/2022 11:00:00 PM	52.4	68.6	49.6	62.4	50.2	0.0
27/08/2022 12:00:00 AM	54.7	70.4	48.9	64.7	50.2	4.3
27/08/2022 1:00:00 AM	53.9	72.5	46.3	63.9	50.2	5.6
27/08/2022 2:00:00 AM	54.1	70.4	48.9	64.1	50.2	3.2
27/08/2022 3:00:00 AM	53.2	71.4	48.6	63.2	50.2	1.6
27/08/2022 4:00:00 AM	52.4	69.5	48.7	62.4	50.2	0.0
27/08/2022 5:00:00 AM	53.6	70.4	48.9	63.6	50.2	1.7
27/08/2022 6:00:00 AM	52.4	69.8	50.4	62.4	50.2	0.0
27/08/2022 7:00:00 AM	53.9	72.4	48.7	53.9	50.2	3.2
27/08/2022 8:00:00 AM	51.2	70.4	47.9	51.2	50.2	0.0
L <sub>eq</sub> 24 Hrs.	53.2	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	72.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	47.1	-	-	-
L <sub>dn</sub>	-	-	-	59.9	-	-
เสียงรบกวน	-	-	-	-	-	3.0
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////END OF REPORT//////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 165
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
27/08/2022 9:00:00 AM	50.4	69.7	48.2	50.4	46.2	0.2
27/08/2022 10:00:00 AM	51.4	69.8	47.3	51.4	46.2	2.6
27/08/2022 11:00:00 AM	49.6	69.5	45.6	49.6	46.2	1.0
27/08/2022 12:00:00 PM	50.4	69.3	48.9	50.4	46.2	0.0
27/08/2022 1:00:00 PM	51.4	70.2	47.9	51.4	46.2	2.0
27/08/2022 2:00:00 PM	48.7	70.5	45.2	48.7	46.2	0.5
27/08/2022 3:00:00 PM	49.6	70.5	45.6	49.6	46.2	1.0
27/08/2022 4:00:00 PM	50.4	70.6	46.8	50.4	46.2	1.6
27/08/2022 5:00:00 PM	49.6	71.2	45.9	49.6	46.2	0.7
27/08/2022 6:00:00 PM	55.6	70.6	48.6	55.6	46.2	6.5
27/08/2022 7:00:00 PM	54.5	73.6	47.9	54.5	46.2	6.1
27/08/2022 8:00:00 PM	55.9	73.9	46.3	55.9	46.2	9.1
27/08/2022 9:00:00 PM	54.3	72.4	49.7	54.3	46.2	4.1
27/08/2022 10:00:00 PM	52.3	70.5	48.7	62.3	46.2	2.1
27/08/2022 11:00:00 PM	53.6	71.5	50.0	63.6	46.2	2.6
28/08/2022 12:00:00 AM	50.1	69.8	47.5	60.1	46.2	0.6
28/08/2022 1:00:00 AM	49.8	67.0	48.9	59.8	46.2	0.0
28/08/2022 2:00:00 AM	49.0	68.9	47.6	59.0	46.2	0.0
28/08/2022 3:00:00 AM	46.2	70.4	40.8	56.2	46.2	0.0
28/08/2022 4:00:00 AM	48.4	69.8	40.8	58.4	46.2	3.1
28/08/2022 5:00:00 AM	51.4	71.5	49.7	61.4	46.2	0.2
28/08/2022 6:00:00 AM	51.9	73.6	47.6	61.9	46.2	2.8
28/08/2022 7:00:00 AM	52.3	70.4	48.9	52.3	46.2	1.9
28/08/2022 8:00:00 AM	53.2	68.4	48.7	53.2	46.2	3.5
L <sub>eq</sub> 24 Hrs.	51.3	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	73.9	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	47.2	-	-	-
L <sub>dn</sub>	-	-	-	57.5	-	-
เสียงรบกวน	-	-	-	-	-	2.2
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

END OF REPORT

Tested by

สีทิธีวาท นุณไธ

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval

Approved by

มิสช.ชอติกา ลอยทาวิน

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 165
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
28/08/2022 9:00:00 AM	52.6	70.5	50.2	52.6	47.6	0.9
28/08/2022 10:00:00 AM	53.4	71.4	51.2	53.4	47.6	0.7
28/08/2022 11:00:00 AM	51.4	68.5	48.9	51.4	47.6	0.5
28/08/2022 12:00:00 PM	54.8	70.4	52.3	54.8	47.6	1.5
28/08/2022 1:00:00 PM	53.6	65.9	48.6	53.6	47.6	3.5
28/08/2022 2:00:00 PM	50.4	66.5	48.5	50.4	47.6	0.0
28/08/2022 3:00:00 PM	50.3	64.7	49.6	50.3	47.6	0.0
28/08/2022 4:00:00 PM	52.3	69.6	45.6	52.3	47.6	5.2
28/08/2022 5:00:00 PM	51.0	70.4	46.5	51.0	47.6	1.5
28/08/2022 6:00:00 PM	52.3	69.3	47.5	52.3	47.6	3.3
28/08/2022 7:00:00 PM	50.3	69.4	43.5	50.3	47.6	3.8
28/08/2022 8:00:00 PM	48.9	68.7	42.1	48.9	47.6	0.0
28/08/2022 9:00:00 PM	50.4	68.5	46.3	50.4	47.6	1.1
28/08/2022 10:00:00 PM	47.6	69.3	40.1	57.6	47.6	0.5
28/08/2022 11:00:00 PM	48.9	69.4	41.6	58.9	47.6	0.3
29/08/2022 12:00:00 AM	51.2	71.2	45.6	61.2	47.6	3.6
29/08/2022 1:00:00 AM	53.2	70.5	46.3	63.2	47.6	5.4
29/08/2022 2:00:00 AM	52.1	69.5	48.6	62.1	47.6	2.0
29/08/2022 3:00:00 AM	49.6	69.4	48.7	59.6	47.6	0.0
29/08/2022 4:00:00 AM	51.4	71.0	45.6	61.4	47.6	3.8
29/08/2022 5:00:00 AM	50.4	70.5	46.3	60.4	47.6	1.1
29/08/2022 6:00:00 AM	49.6	70.4	45.9	59.6	47.6	0.0
29/08/2022 7:00:00 AM	48.7	69.8	44.5	48.7	47.6	0.0
29/08/2022 8:00:00 AM	50.4	69.5	44.9	50.4	47.6	0.0
L <sub>eq</sub> 24 Hrs.	51.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	71.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	46.6	-	-	-
L <sub>dn</sub>	-	-	-	57.3	-	-
เสียงรบกวน	-	-	-	-	-	1.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////END OF REPORT////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

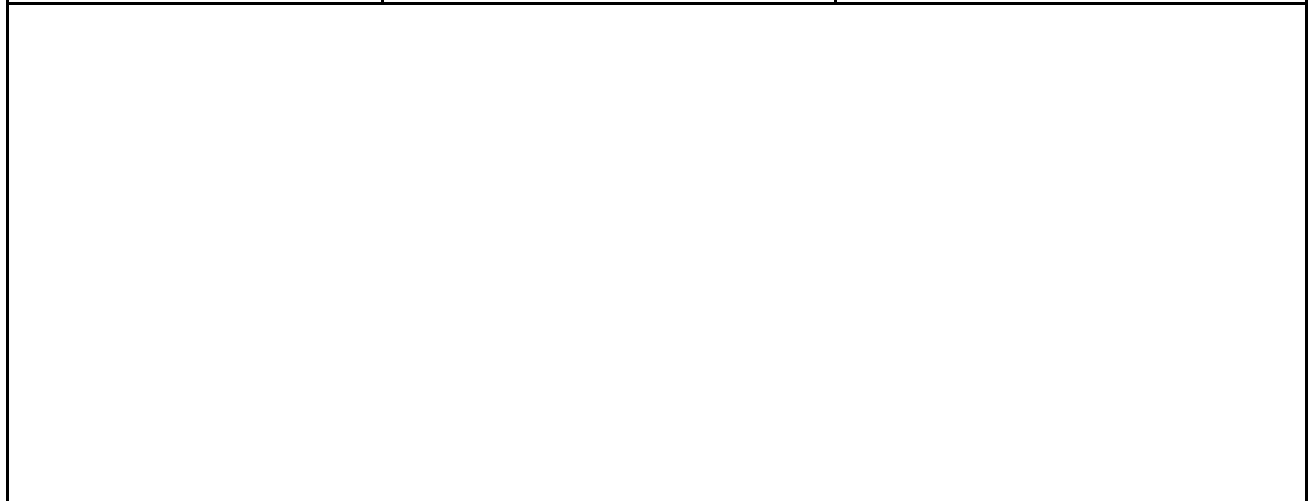
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

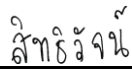
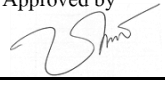
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
24/08/2022 9:00:00 AM	48.9	75.6
24/08/2022 10:00:00 AM	50.4	77.4
24/08/2022 11:00:00 AM	51.2	76.3
24/08/2022 12:00:00 PM	49.5	78.9
24/08/2022 1:00:00 PM	49.6	69.3
24/08/2022 2:00:00 PM	49.6	70.4
24/08/2022 3:00:00 PM	55.6	69.8
24/08/2022 4:00:00 PM	55.4	71.4
<b>Eighth Hours Measurement</b>	<b>51.3</b>	<b>73.6</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

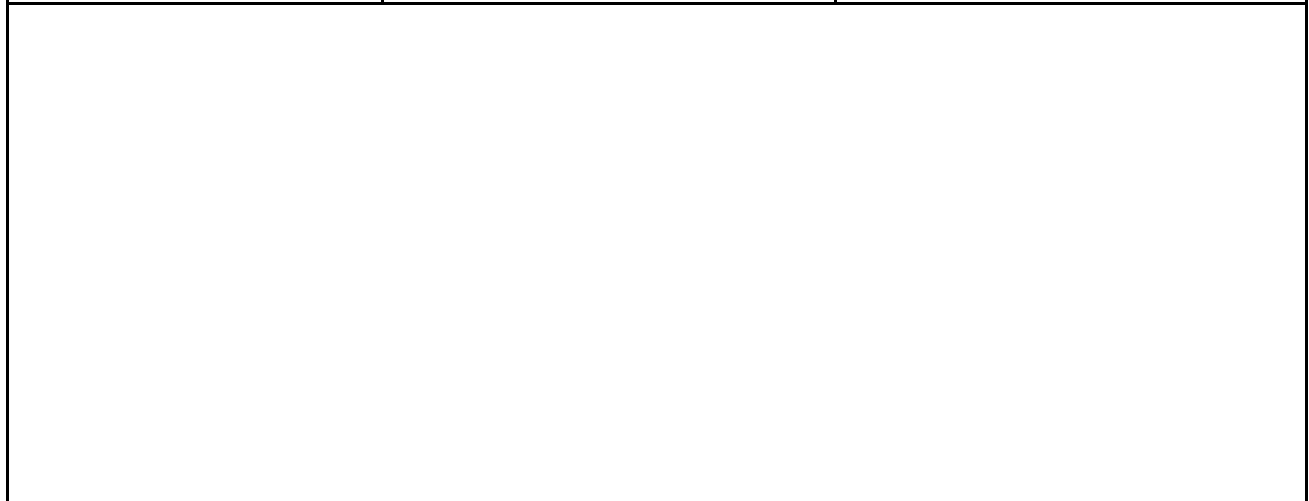
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

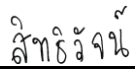
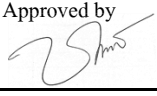
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
25/08/2022 9:00:00 AM	52.3	68.5
25/08/2022 10:00:00 AM	51.4	69.5
25/08/2022 11:00:00 AM	50.1	64.5
25/08/2022 12:00:00 PM	55.6	68.9
25/08/2022 1:00:00 PM	54.3	67.5
25/08/2022 2:00:00 PM	65.3	69.3
25/08/2022 3:00:00 PM	63.2	68.5
25/08/2022 4:00:00 PM	51.9	70.4
<b>Eighth Hours Measurement</b>	<b>55.5</b>	<b>68.4</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

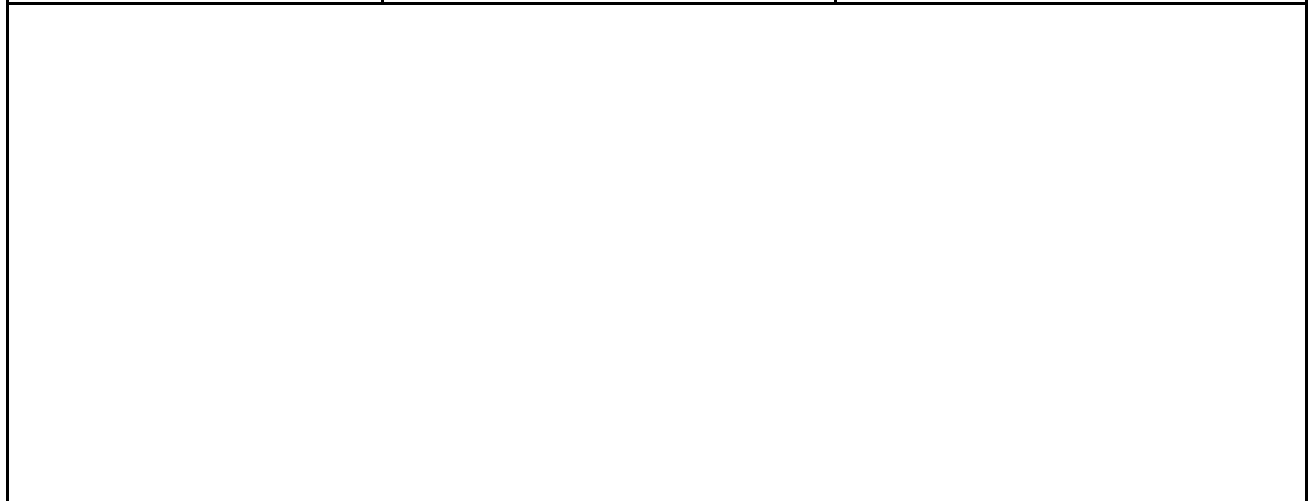
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

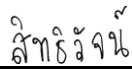
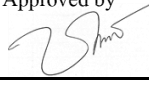
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
26/08/2022 9:00:00 AM	50.2	69.8
26/08/2022 10:00:00 AM	52.1	64.8
26/08/2022 11:00:00 AM	50.4	64.3
26/08/2022 12:00:00 PM	53.5	65.4
26/08/2022 1:00:00 PM	55.6	67.3
26/08/2022 2:00:00 PM	54.1	68.5
26/08/2022 3:00:00 PM	53.4	68.7
26/08/2022 4:00:00 PM	53.2	65.4
<b>Eighth Hours Measurement</b>	<b>52.8</b>	<b>66.8</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

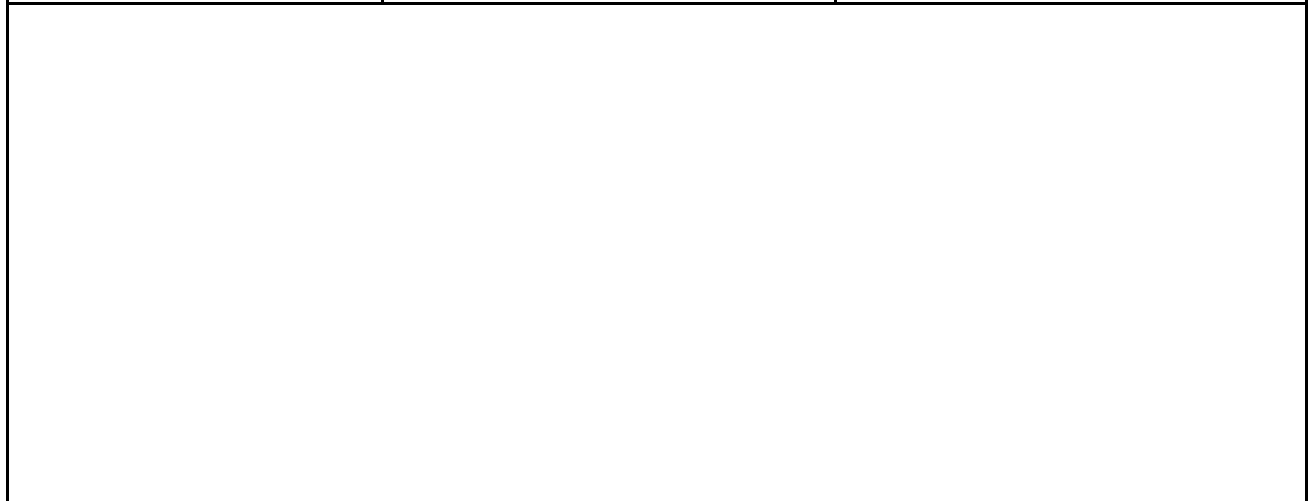
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

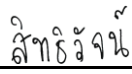
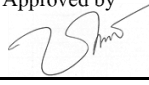
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
27/08/2022 9:00:00 AM	50.4	69.7
27/08/2022 10:00:00 AM	51.4	69.8
27/08/2022 11:00:00 AM	49.6	69.5
27/08/2022 12:00:00 PM	50.4	69.3
27/08/2022 1:00:00 PM	51.4	70.2
27/08/2022 2:00:00 PM	48.7	70.5
27/08/2022 3:00:00 PM	49.6	70.5
27/08/2022 4:00:00 PM	50.4	70.6
<b>Eighth Hours Measurement</b>	<b>50.2</b>	<b>70.0</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

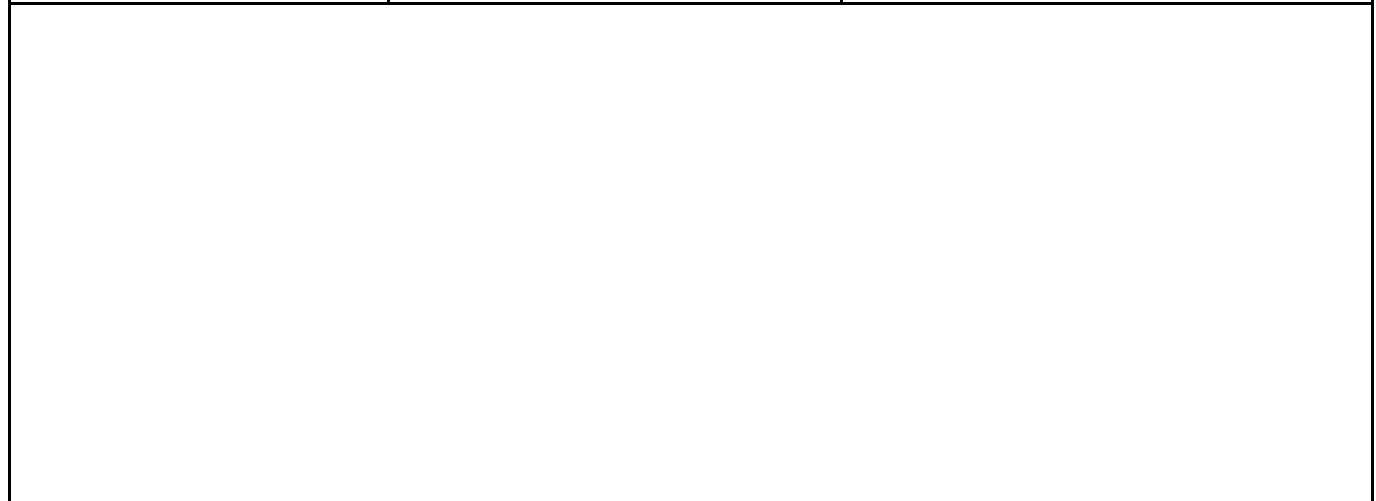
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

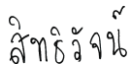

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0412	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
28/08/2022 9:00:00 AM	52.6	70.5
28/08/2022 10:00:00 AM	53.4	71.4
28/08/2022 11:00:00 AM	51.4	68.5
28/08/2022 12:00:00 PM	54.8	70.4
28/08/2022 1:00:00 PM	53.6	65.9
28/08/2022 2:00:00 PM	50.4	66.5
28/08/2022 3:00:00 PM	50.3	64.7
28/08/2022 4:00:00 PM	52.3	69.6
<b>Eighth Hours Measurement</b>	<b>52.4</b>	<b>68.4</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
24/08/2022 09:00:00 AM	55.6	85.6	50.2	55.6	48.5	4.4
24/08/2022 10:00:00 AM	55.4	80.4	49.6	55.4	48.5	4.8
24/08/2022 11:00:00 AM	55.6	80.5	49.6	55.6	48.5	5.0
24/08/2022 12:00:00 PM	55.2	86.3	49.5	55.2	48.5	4.7
24/08/2022 01:00:00 PM	55.3	86.5	48.9	55.3	48.5	5.4
24/08/2022 02:00:00 PM	54.1	85.6	50.1	54.1	48.5	2.5
24/08/2022 03:00:00 PM	55.3	84.6	50.3	55.3	48.5	4.0
24/08/2022 04:00:00 PM	55.4	80.6	50.4	55.4	48.5	4.0
24/08/2022 05:00:00 PM	51.2	80.6	50.6	51.2	48.5	0.0
24/08/2022 06:00:00 PM	50.1	80.9	50.2	50.1	48.5	0.0
24/08/2022 07:00:00 PM	55.2	80.4	49.6	55.2	48.5	4.6
24/08/2022 08:00:00 PM	54.1	79.6	48.6	54.1	48.5	4.0
24/08/2022 09:00:00 PM	52.3	76.9	45.6	52.3	48.5	4.7
24/08/2022 10:00:00 PM	50.1	74.5	45.3	60.1	48.5	0.3
24/08/2022 11:00:00 PM	53.6	72.3	46.5	63.6	48.5	5.6
25/08/2022 12:00:00 AM	50.1	70.4	45.3	60.1	48.5	0.3
25/08/2022 01:00:00 AM	51.4	69.8	46.2	61.4	48.5	2.2
25/08/2022 02:00:00 AM	49.3	68.9	47.2	59.3	48.5	0.0
25/08/2022 03:00:00 AM	49.6	69.8	40.1	59.6	48.5	2.5
25/08/2022 04:00:00 AM	48.5	70.4	40.0	58.5	48.5	1.5
25/08/2022 05:00:00 AM	50.2	65.9	48.5	60.2	48.5	0.0
25/08/2022 06:00:00 AM	50.4	64.5	45.6	60.4	48.5	0.3
25/08/2022 07:00:00 AM	49.6	65.9	46.5	49.6	48.5	0.0
25/08/2022 08:00:00 AM	50.3	69.5	45.7	50.3	48.5	0.1
L <sub>eq</sub> 24 Hrs.	52.4	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	86.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	47.5	-	-	-
L <sub>dn</sub>	-	-	-	57.7	-	-
เสียงรบกวน	-	-	-	-	-	2.5
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
25/08/2022 09:00:00 AM	49.6	65.4	40.1	49.6	48.7	2.5
25/08/2022 10:00:00 AM	49.8	65.6	40.5	49.8	48.7	2.3
25/08/2022 11:00:00 AM	49.5	62.3	41.2	49.5	48.7	1.3
25/08/2022 12:00:00 PM	49.6	63.2	39.6	49.6	48.7	3.0
25/08/2022 01:00:00 PM	48.9	70.5	39.8	48.9	48.7	2.1
25/08/2022 02:00:00 PM	48.7	70.4	42.3	48.7	48.7	0.0
25/08/2022 03:00:00 PM	50.4	72.3	41.2	50.4	48.7	4.7
25/08/2022 04:00:00 PM	49.6	71.5	39.6	49.6	48.7	3.0
25/08/2022 05:00:00 PM	48.7	69.4	38.5	48.7	48.7	3.2
25/08/2022 06:00:00 PM	50.4	69.8	38.4	50.4	48.7	7.5
25/08/2022 07:00:00 PM	51.2	75.6	35.6	51.2	48.7	12.6
25/08/2022 08:00:00 PM	52.1	75.8	39.6	52.1	48.7	9.5
25/08/2022 09:00:00 PM	50.4	77.4	40.2	50.4	48.7	5.7
25/08/2022 10:00:00 PM	49.6	74.3	42.3	59.6	48.7	0.3
25/08/2022 11:00:00 PM	48.7	70.3	41.2	58.7	48.7	0.5
26/08/2022 12:00:00 AM	49.6	70.5	40.8	59.6	48.7	1.8
26/08/2022 01:00:00 AM	52.3	65.9	39.6	62.3	48.7	10.7
26/08/2022 02:00:00 AM	52.4	64.5	42.3	62.4	48.7	8.1
26/08/2022 03:00:00 AM	53.6	66.5	43.5	63.6	48.7	8.6
26/08/2022 04:00:00 AM	55.4	67.8	45.6	65.4	48.7	8.8
26/08/2022 05:00:00 AM	56.3	68.9	50.6	66.3	48.7	5.2
26/08/2022 06:00:00 AM	57.5	70.4	51.2	67.5	48.7	5.8
26/08/2022 07:00:00 AM	55.4	70.4	50.9	55.4	48.7	3.5
26/08/2022 08:00:00 AM	54.6	68.5	52.3	54.6	48.7	0.8
L <sub>eq</sub> 24 Hrs.	51.4	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	77.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	42.4	-	-	-
L <sub>dn</sub>	-	-	-	59.9	-	-
เสียงรบกวน	-	-	-	-	-	4.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวัต นุโน

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
26/08/2022 09:00:00 AM	51.3	65.4	45.6	51.3	49.8	1.2
26/08/2022 10:00:00 AM	51.2	66.5	46.3	51.2	49.8	0.0
26/08/2022 11:00:00 AM	52.6	66.4	45.5	52.6	49.8	4.1
26/08/2022 12:00:00 PM	53.6	66.5	46.2	53.6	49.8	5.4
26/08/2022 01:00:00 PM	55.6	67.8	46.8	55.6	49.8	7.3
26/08/2022 02:00:00 PM	55.4	67.9	46.9	55.4	49.8	7.0
26/08/2022 03:00:00 PM	55.9	68.9	50.9	55.9	49.8	3.5
26/08/2022 04:00:00 PM	54.9	69.3	51.3	54.9	49.8	2.1
26/08/2022 05:00:00 PM	54.2	68.7	50.3	54.2	49.8	1.9
26/08/2022 06:00:00 PM	56.3	70.5	49.8	56.3	49.8	5.5
26/08/2022 07:00:00 PM	55.8	71.2	51.2	55.8	49.8	3.1
26/08/2022 08:00:00 PM	54.9	70.5	52.3	54.9	49.8	1.1
26/08/2022 09:00:00 PM	54.9	70.6	51.2	54.9	49.8	2.2
26/08/2022 10:00:00 PM	53.2	70.5	49.6	63.2	49.8	0.6
26/08/2022 11:00:00 PM	52.1	70.4	45.3	62.1	49.8	2.3
27/08/2022 12:00:00 AM	50.3	69.3	43.2	60.3	49.8	0.1
27/08/2022 01:00:00 AM	50.1	69.5	43.2	60.1	49.8	0.0
27/08/2022 02:00:00 AM	50.9	68.9	41.3	60.9	49.8	2.6
27/08/2022 03:00:00 AM	49.8	67.8	40.2	59.8	49.8	2.6
27/08/2022 04:00:00 AM	51.2	69.6	42.1	61.2	49.8	2.1
27/08/2022 05:00:00 AM	51.8	72.3	45.6	61.8	49.8	1.7
27/08/2022 06:00:00 AM	50.4	70.5	43.2	60.4	49.8	0.2
27/08/2022 07:00:00 AM	51.2	68.5	42.0	51.2	49.8	2.2
27/08/2022 08:00:00 AM	53.2	68.4	43.5	53.2	49.8	6.7
L <sub>eq</sub> 24 Hrs.	53.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	72.3	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	46.4	-	-	-
L <sub>dn</sub>	-	-	-	58.2	-	-
เสียงรบกวน	-	-	-	-	-	2.7
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////END OF REPORT//////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
27/08/2022 09:00:00 AM	50.3	69.7	40.2	50.3	48.7	5.6
27/08/2022 10:00:00 AM	49.6	69.8	40.1	49.6	48.7	2.5
27/08/2022 11:00:00 AM	49.8	69.8	40.6	49.8	48.7	2.2
27/08/2022 12:00:00 PM	48.7	70.2	42.3	48.7	48.7	0.0
27/08/2022 01:00:00 PM	50.5	72.5	39.0	50.5	48.7	7.0
27/08/2022 02:00:00 PM	50.4	70.4	39.2	50.4	48.7	6.7
27/08/2022 03:00:00 PM	50.6	68.4	40.8	50.6	48.7	5.3
27/08/2022 04:00:00 PM	50.1	67.5	39.6	50.1	48.7	3.5
27/08/2022 05:00:00 PM	51.2	69.5	38.5	51.2	48.7	9.7
27/08/2022 06:00:00 PM	50.9	68.5	40.5	50.9	48.7	5.9
27/08/2022 07:00:00 PM	52.3	70.5	38.5	52.3	48.7	11.8
27/08/2022 08:00:00 PM	50.4	86.3	40.1	50.4	48.7	5.8
27/08/2022 09:00:00 PM	49.8	68.5	38.5	49.8	48.7	4.3
27/08/2022 10:00:00 PM	49.4	67.5	36.9	59.4	48.7	5.5
27/08/2022 11:00:00 PM	49.6	68.5	40.2	59.6	48.7	2.4
28/08/2022 12:00:00 AM	48.9	70.5	41.5	58.9	48.7	0.4
28/08/2022 01:00:00 AM	50.1	69.5	43.2	60.1	48.7	0.0
28/08/2022 02:00:00 AM	50.3	70.2	45.3	60.3	48.7	0.5
28/08/2022 03:00:00 AM	50.4	76.4	41.2	60.4	48.7	4.7
28/08/2022 04:00:00 AM	49.8	74.6	40.5	59.8	48.7	2.3
28/08/2022 05:00:00 AM	48.7	73.2	40.5	58.7	48.7	1.2
28/08/2022 06:00:00 AM	49.6	75.4	40.6	59.6	48.7	2.0
28/08/2022 07:00:00 AM	50.4	70.5	38.7	50.4	48.7	7.2
28/08/2022 08:00:00 AM	49.8	69.5	36.5	49.8	48.7	6.3
L <sub>eq</sub> 24 Hrs.	50.1	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	86.3	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	40.1	-	-	-
L <sub>dn</sub>	-	-	-	56.2	-	-
เสียงรบกวน	-	-	-	-	-	4.3
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

06/09/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

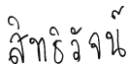
## Testing Report

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
28/08/2022 09:00:00 AM	50.2	80.5	42.0	50.2	48.7	3.7
28/08/2022 10:00:00 AM	50.1	81.2	43.2	50.1	48.7	0.0
28/08/2022 11:00:00 AM	53.2	80.3	43.2	53.2	48.7	8.5
28/08/2022 12:00:00 PM	52.5	80.5	40.1	52.5	48.7	10.4
28/08/2022 01:00:00 PM	54.6	82.3	40.2	54.6	48.7	12.9
28/08/2022 02:00:00 PM	55.2	81.5	40.3	55.2	48.7	13.9
28/08/2022 03:00:00 PM	50.9	79.6	40.6	50.9	48.7	5.8
28/08/2022 04:00:00 PM	53.5	79.6	42.3	53.5	48.7	9.7
28/08/2022 05:00:00 PM	50.4	79.5	39.7	50.4	48.7	6.2
28/08/2022 06:00:00 PM	49.8	78.4	39.7	49.8	48.7	3.1
28/08/2022 07:00:00 PM	49.6	78.0	38.5	49.6	48.7	4.1
28/08/2022 08:00:00 PM	49.3	75.6	40.5	49.3	48.7	1.8
28/08/2022 09:00:00 PM	48.7	77.4	40.1	48.7	48.7	1.6
28/08/2022 10:00:00 PM	51.2	77.6	40.1	61.2	48.7	8.1
28/08/2022 11:00:00 PM	52.3	75.6	38.9	62.3	48.7	11.4
29/08/2022 12:00:00 AM	51.2	74.6	39.6	61.2	48.7	8.6
29/08/2022 01:00:00 AM	50.6	83.5	39.5	60.6	48.7	6.6
29/08/2022 02:00:00 AM	49.3	83.2	39.8	59.3	48.7	2.5
29/08/2022 03:00:00 AM	49.7	82.5	40.5	59.7	48.7	2.2
29/08/2022 04:00:00 AM	50.6	80.1	42.3	60.6	48.7	3.8
29/08/2022 05:00:00 AM	50.1	79.6	43.6	60.1	48.7	-0.5
29/08/2022 06:00:00 AM	52.3	80.1	42.9	62.3	48.7	7.4
29/08/2022 07:00:00 AM	49.6	79.6	45.6	49.6	48.7	0.0
29/08/2022 08:00:00 AM	53.1	78.5	46.0	53.1	48.7	5.1
L <sub>eq</sub> 24 Hrs.	51.2	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	83.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	41.2	-	-	-
L <sub>dn</sub>	-	-	-	57.5	-	-
เสียงรบกวน	-	-	-	-	-	5.7
มาตรฐาน* dB(A)	≤70	≤115	-	-	-	≤10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
06/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

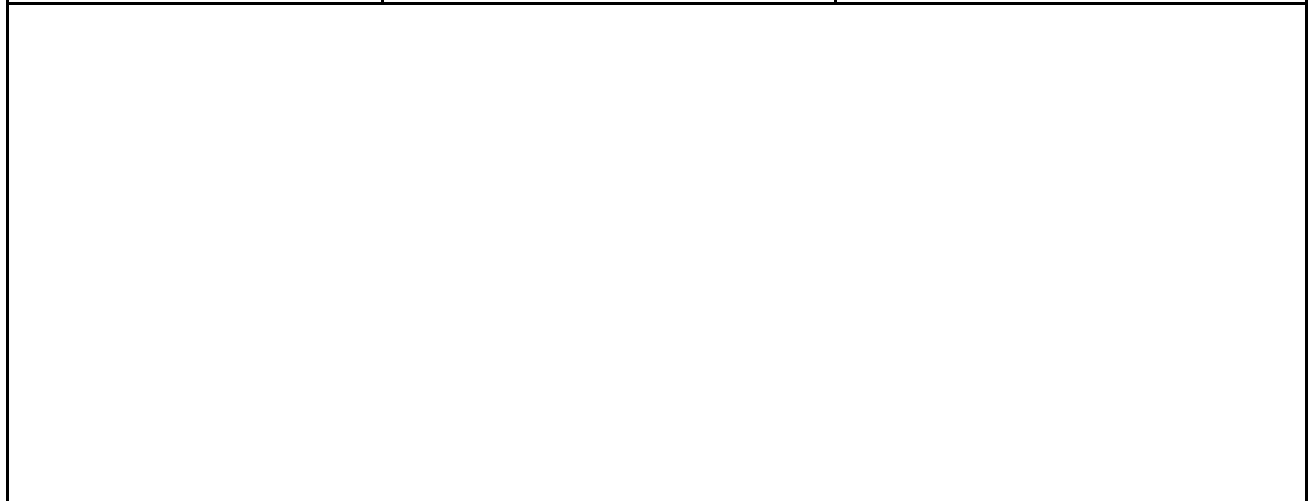
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

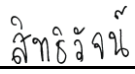
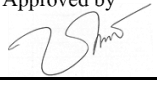
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
24/08/2022 09:00:00 AM	55.6	85.6
24/08/2022 10:00:00 AM	55.4	80.4
24/08/2022 11:00:00 AM	55.6	80.5
24/08/2022 12:00:00 PM	55.2	86.3
24/08/2022 01:00:00 PM	55.3	86.5
24/08/2022 02:00:00 PM	54.1	85.6
24/08/2022 03:00:00 PM	55.3	84.6
24/08/2022 04:00:00 PM	55.4	80.6
<b>Eighth Hours Measurement</b>	<b>55.2</b>	<b>83.8</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

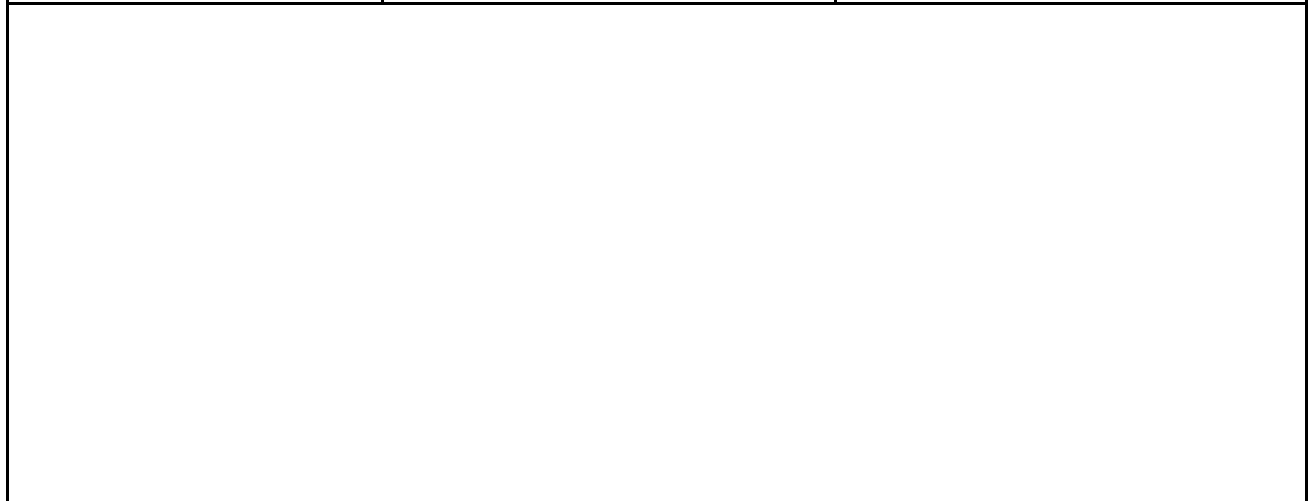
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

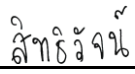
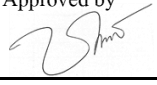
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 25/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
25/08/2022 09:00:00 AM	49.6	65.4
25/08/2022 10:00:00 AM	49.8	65.6
25/08/2022 11:00:00 AM	49.5	62.3
25/08/2022 12:00:00 PM	49.6	63.2
25/08/2022 01:00:00 PM	48.9	70.5
25/08/2022 02:00:00 PM	48.7	70.4
25/08/2022 03:00:00 PM	50.4	72.3
25/08/2022 04:00:00 PM	49.6	71.5
<b>Eighth Hours Measurement</b>	<b>49.5</b>	<b>67.7</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

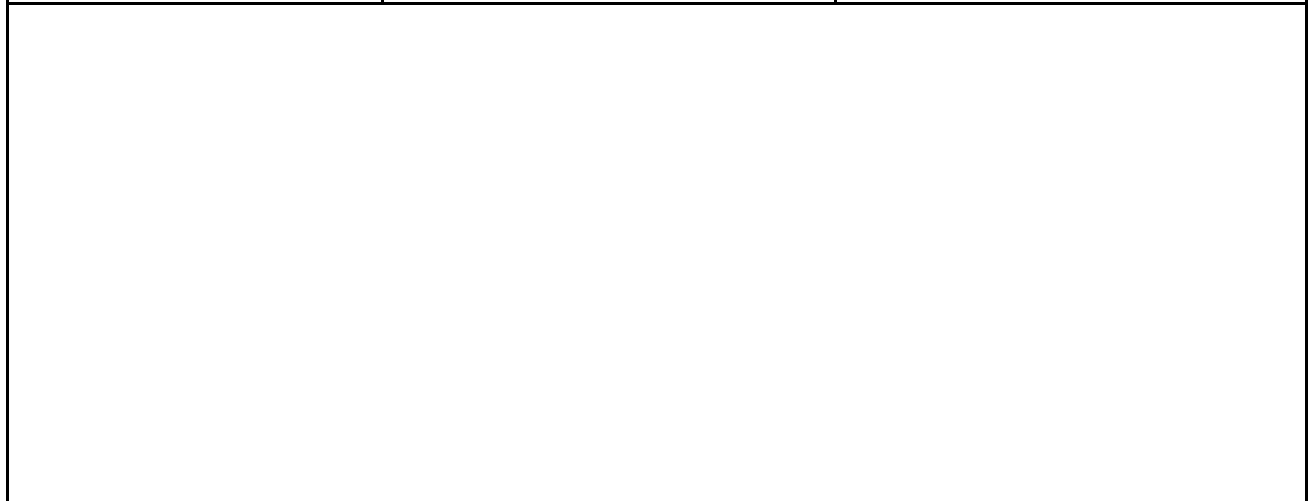
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

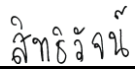
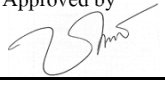
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 26/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
26/08/2022 09:00:00 AM	51.3	65.4
26/08/2022 10:00:00 AM	51.2	66.5
26/08/2022 11:00:00 AM	52.6	66.4
26/08/2022 12:00:00 PM	53.6	66.5
26/08/2022 01:00:00 PM	55.6	67.8
26/08/2022 02:00:00 PM	55.4	67.9
26/08/2022 03:00:00 PM	55.9	68.9
26/08/2022 04:00:00 PM	54.9	69.3
<b>Eighth Hours Measurement</b>	<b>53.8</b>	<b>67.3</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

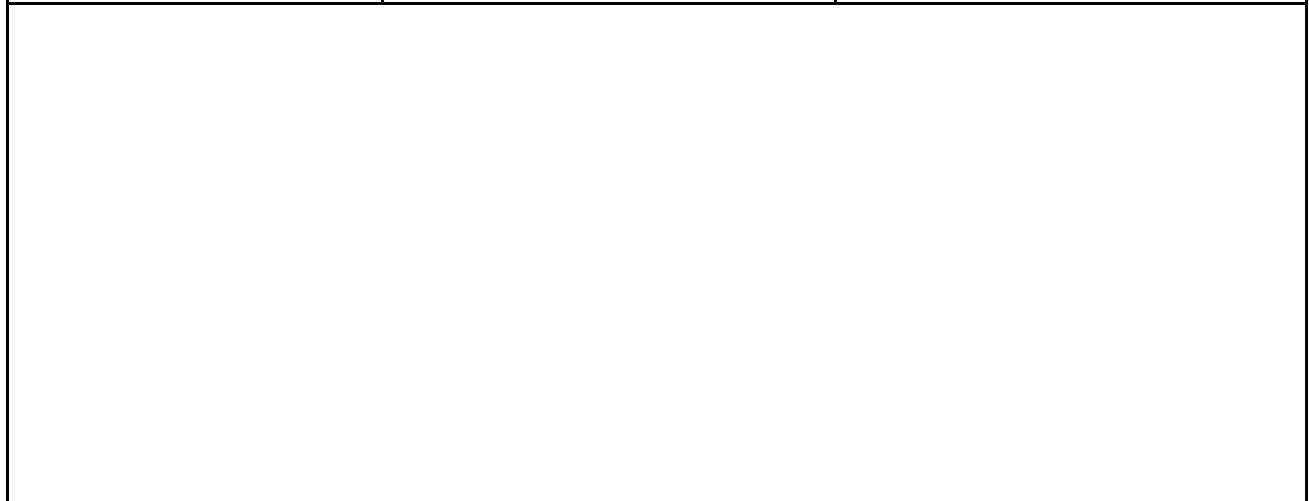
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

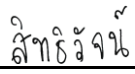
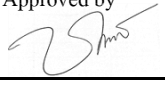
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 27/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
27/08/2022 09:00:00 AM	50.3	69.7
27/08/2022 10:00:00 AM	49.6	69.8
27/08/2022 11:00:00 AM	49.8	69.8
27/08/2022 12:00:00 PM	48.7	70.2
27/08/2022 01:00:00 PM	50.5	72.5
27/08/2022 02:00:00 PM	50.4	70.4
27/08/2022 03:00:00 PM	50.6	68.4
27/08/2022 04:00:00 PM	50.1	67.5
<b>Eighth Hours Measurement</b>	<b>50.0</b>	<b>69.8</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

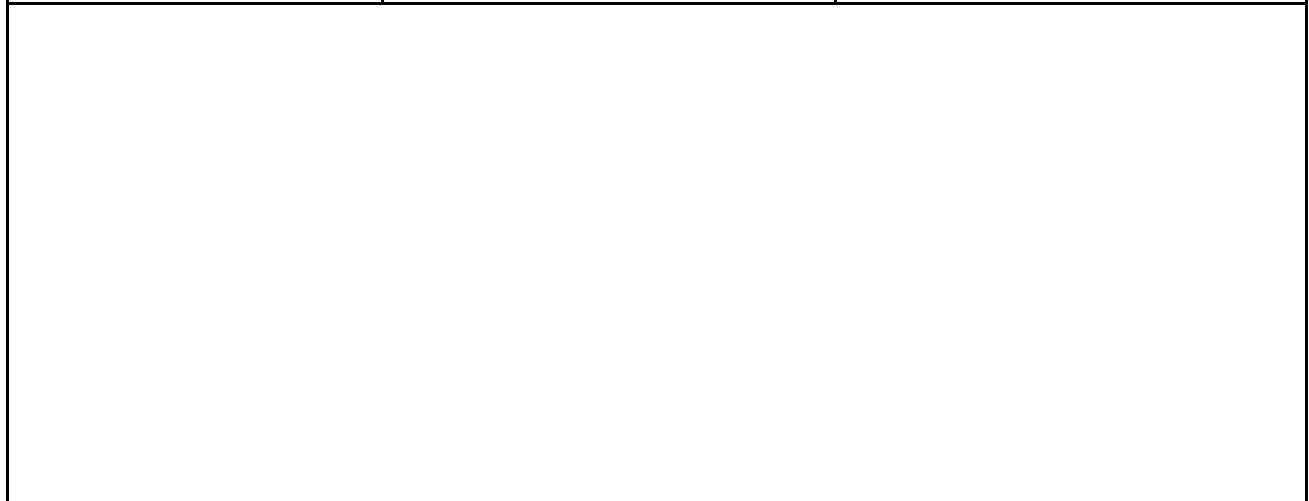
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

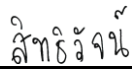
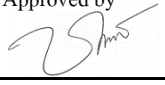
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 06/09/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0018	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0413	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 28/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 31/08/2022 Time : 09.00	Identifier : Sound Level
Tested Date : 31/08/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
28/08/2022 09:00:00 AM	50.2	80.5
28/08/2022 10:00:00 AM	50.1	81.2
28/08/2022 11:00:00 AM	53.2	80.3
28/08/2022 12:00:00 PM	52.5	80.5
28/08/2022 01:00:00 PM	54.6	82.3
28/08/2022 02:00:00 PM	55.2	81.5
28/08/2022 03:00:00 PM	50.9	79.6
28/08/2022 04:00:00 PM	53.5	79.6
<b>Eighth Hours Measurement</b>	<b>52.5</b>	<b>80.7</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 06/09/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 06/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
14/11/2022 9:00:00 AM	55.6	80.4	47.5	55.6	54.6	1.1
14/11/2022 10:00:00 AM	56.5	81.2	47.5	56.5	54.6	4.5
14/11/2022 11:00:00 AM	55.6	80.2	47.6	55.6	54.6	1.0
14/11/2022 12:00:00 PM	54.9	82.3	46.9	54.9	54.6	1.0
14/11/2022 1:00:00 PM	54.8	82.6	45.8	54.8	54.6	2.0
14/11/2022 2:00:00 PM	55.4	83.6	46.2	55.4	54.6	2.2
14/11/2022 3:00:00 PM	55.4	75.6	47.8	55.4	54.6	0.6
14/11/2022 4:00:00 PM	54.6	74.5	46.2	54.6	54.6	1.4
14/11/2022 5:00:00 PM	55.9	74.6	45.2	55.9	54.6	3.7
14/11/2022 6:00:00 PM	55.6	75.9	45.3	55.6	54.6	3.3
14/11/2022 7:00:00 PM	56.9	65.4	45.6	56.9	54.6	6.8
14/11/2022 8:00:00 PM	56.9	65.0	47.4	56.9	54.6	5.0
14/11/2022 9:00:00 PM	56.9	80.5	48.6	56.9	54.6	3.8
14/11/2022 10:00:00 PM	58.9	80.4	49.6	68.9	54.6	7.3
14/11/2022 11:00:00 PM	58.7	74.1	49.8	68.7	54.6	6.9
15/11/2022 12:00:00 AM	57.4	75.6	50.1	67.4	54.6	4.3
15/11/2022 1:00:00 AM	57.3	75.6	50.4	67.3	54.6	3.9
15/11/2022 2:00:00 AM	57.4	75.9	52.3	67.4	54.6	2.1
15/11/2022 3:00:00 AM	58.9	78.6	53.2	68.9	54.6	3.7
15/11/2022 4:00:00 AM	58.7	65.4	54.1	68.7	54.6	2.6
15/11/2022 5:00:00 AM	57.4	68.5	55.4	67.4	54.6	0.0
15/11/2022 6:00:00 AM	57.1	69.6	54.1	67.1	54.6	0.0
15/11/2022 7:00:00 AM	58.9	69.3	54.2	58.9	54.6	2.7
15/11/2022 8:00:00 AM	58.9	69.7	53.2	58.9	54.6	3.7
L <sub>eq</sub> 24 Hrs.	56.9	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	83.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	49.3	-	-	-
L <sub>dn</sub>	-	-	-	64.3	-	-
เสียงรบกวน	-	-	-	-	-	3.1
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval





# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตุน (47P 0806473, 16928)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
15/11/2022 9:00:00 AM	60.4	86.8	51.5	60.4	58.9	4.4
15/11/2022 10:00:00 AM	60.5	87.5	51.6	60.5	58.9	4.4
15/11/2022 11:00:00 AM	61.2	86.5	52.5	61.2	58.9	4.2
15/11/2022 12:00:00 PM	62.3	88.6	52.4	62.3	58.9	6.9
15/11/2022 1:00:00 PM	61.5	65.4	51.9	61.5	58.9	6.6
15/11/2022 2:00:00 PM	61.3	65.1	51.4	61.3	58.9	5.4
15/11/2022 3:00:00 PM	62.3	65.4	52.0	62.3	58.9	7.3
15/11/2022 4:00:00 PM	59.6	66.5	53.6	59.6	58.9	0.0
15/11/2022 5:00:00 PM	59.4	67.8	52.0	59.4	58.9	0.4
15/11/2022 6:00:00 PM	59.8	67.9	54.7	59.8	58.9	0.0
15/11/2022 7:00:00 PM	60.0	68.9	53.6	60.0	58.9	0.0
15/11/2022 8:00:00 PM	60.2	70.5	52.7	60.2	58.9	0.5
15/11/2022 9:00:00 PM	60.3	71.2	54.4	60.3	58.9	0.0
15/11/2022 10:00:00 PM	60.2	71.3	51.5	70.2	58.9	1.7
15/11/2022 11:00:00 PM	60.4	71.5	51.6	70.4	58.9	4.3
16/11/2022 12:00:00 AM	61.2	72.3	52.5	71.2	58.9	4.2
16/11/2022 1:00:00 AM	59.8	70.4	52.7	69.8	58.9	0.1
16/11/2022 2:00:00 AM	59.7	65.4	54.4	69.7	58.9	0.0
16/11/2022 3:00:00 AM	58.9	65.4	52.5	68.9	58.9	0.0
16/11/2022 4:00:00 AM	59.8	65.2	52.7	69.8	58.9	0.1
16/11/2022 5:00:00 AM	59.4	68.9	54.4	69.4	58.9	0.0
16/11/2022 6:00:00 AM	61.2	67.9	56.3	71.2	58.9	0.4
16/11/2022 7:00:00 AM	62.6	69.8	55.6	62.6	58.9	5.0
16/11/2022 8:00:00 AM	60.3	69.9	53.9	60.3	58.9	0.0
L <sub>eq</sub> 24 Hrs.	60.5	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	88.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.0	-	-	-
L <sub>dn</sub>	-	-	-	66.7	-	-
เสียงรบกวน	-	-	-	-	-	2.3
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

ศิริทิพย์ นุโน

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
16/11/2022 9:00:00 AM	61.2	70.4	55.6	61.2	59.6	1.1
16/11/2022 10:00:00 AM	61.3	70.2	56.3	61.3	59.6	0.5
16/11/2022 11:00:00 AM	61.5	70.3	56.9	61.5	59.6	0.1
16/11/2022 12:00:00 PM	61.3	70.3	55.4	61.3	59.6	1.4
16/11/2022 1:00:00 PM	60.2	71.2	50.2	60.2	59.6	3.0
16/11/2022 2:00:00 PM	60.3	71.5	50.1	60.3	59.6	3.2
16/11/2022 3:00:00 PM	60.5	75.6	56.3	60.5	59.6	0.0
16/11/2022 4:00:00 PM	62.3	75.6	56.2	62.3	59.6	3.1
16/11/2022 5:00:00 PM	60.5	85.6	50.4	60.5	59.6	3.1
16/11/2022 6:00:00 PM	60.2	85.6	50.9	60.2	59.6	2.3
16/11/2022 7:00:00 PM	60.8	89.6	51.2	60.8	59.6	2.6
16/11/2022 8:00:00 PM	60.3	89.6	51.3	60.3	59.6	2.0
16/11/2022 9:00:00 PM	59.8	70.4	51.4	59.8	59.6	1.4
16/11/2022 10:00:00 PM	59.6	70.6	52.3	59.6	59.6	0.3
16/11/2022 11:00:00 PM	59.6	70.3	57.4	59.6	59.6	0.0
17/11/2022 12:00:00 AM	62.3	65.6	51.2	72.3	59.6	8.1
17/11/2022 1:00:00 AM	62.3	68.9	52.1	72.3	59.6	7.2
17/11/2022 2:00:00 AM	62.5	68.9	52.3	72.5	59.6	7.2
17/11/2022 3:00:00 AM	60.3	69.6	53.2	70.3	59.6	0.1
17/11/2022 4:00:00 AM	63.2	72.3	54.1	73.2	59.6	7.1
17/11/2022 5:00:00 AM	63.5	73.6	54.2	73.5	59.6	7.3
17/11/2022 6:00:00 AM	63.2	70.4	54.2	73.2	59.6	7.0
17/11/2022 7:00:00 AM	64.5	71.2	55.9	64.5	59.6	7.1
17/11/2022 8:00:00 AM	63.2	73.2	56.3	63.2	59.6	4.9
L <sub>eq</sub> 24 Hrs.	61.4	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	89.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.6	-	-	-
L <sub>dn</sub>	-	-	-	68.4	-	-
เสียงรบกวน	-	-	-	-	-	3.3
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตุน (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
17/11/2022 9:00:00 AM	62.3	70.2	59.6	62.3	58.6	0.7
17/11/2022 10:00:00 AM	62.5	70.2	58.6	62.5	58.6	1.9
17/11/2022 11:00:00 AM	62.5	70.2	58.4	62.5	58.6	2.1
17/11/2022 12:00:00 PM	62.3	72.3	58.4	62.3	58.6	1.9
17/11/2022 1:00:00 PM	61.2	69.6	54.6	61.2	58.6	3.6
17/11/2022 2:00:00 PM	60.3	69.8	55.6	60.3	58.6	0.2
17/11/2022 3:00:00 PM	59.6	68.7	51.2	59.6	58.6	1.4
17/11/2022 4:00:00 PM	59.6	69.5	52.1	59.6	58.6	0.5
17/11/2022 5:00:00 PM	58.6	68.7	51.3	58.6	58.6	0.3
17/11/2022 6:00:00 PM	60.3	67.5	53.9	60.3	58.6	1.9
17/11/2022 7:00:00 PM	59.6	68.5	51.3	59.6	58.6	1.3
17/11/2022 8:00:00 PM	59.3	65.2	51.4	59.3	58.6	0.9
17/11/2022 9:00:00 PM	60.2	70.8	51.4	60.2	58.6	4.3
17/11/2022 10:00:00 PM	60.2	69.3	52.3	70.2	58.6	3.4
17/11/2022 11:00:00 PM	60.2	69.5	52.9	70.2	58.6	2.8
18/11/2022 12:00:00 AM	59.6	69.3	51.4	69.6	58.6	1.2
18/11/2022 1:00:00 AM	59.6	75.6	51.4	69.6	58.6	1.2
18/11/2022 2:00:00 AM	59.6	75.4	50.2	69.6	58.6	2.4
18/11/2022 3:00:00 AM	61.2	76.2	51.3	71.2	58.6	6.9
18/11/2022 4:00:00 AM	61.3	89.6	52.6	71.3	58.6	5.7
18/11/2022 5:00:00 AM	65.2	89.7	54.6	75.2	58.6	9.6
18/11/2022 6:00:00 AM	65.2	79.6	55.4	75.2	58.6	8.8
18/11/2022 7:00:00 AM	65.2	80.5	54.1	65.2	58.6	10.1
18/11/2022 8:00:00 AM	62.3	81.3	56.9	62.3	58.6	3.4
L <sub>eq</sub> 24 Hrs.	61.2	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	89.7	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.8	-	-	-
L <sub>dn</sub>	-	-	-	68.3	-	-
เสียงรบกวน	-	-	-	-	-	3.2
มาตรฐาน* dB(A)	≤70	≤115	-	-	-	≤10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
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Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ต้อน (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
18/11/2022 9:00:00 AM	62.5	82.3	55.9	62.5	60.1	2.1
18/11/2022 10:00:00 AM	62.3	82.3	55.9	62.3	60.1	1.9
18/11/2022 11:00:00 AM	63.6	83.6	55.6	63.6	60.1	6.0
18/11/2022 12:00:00 PM	62.5	84.2	54.1	62.5	60.1	3.9
18/11/2022 1:00:00 PM	62.5	82.3	54.6	62.5	60.1	3.4
18/11/2022 2:00:00 PM	61.2	70.5	53.2	61.2	60.1	1.0
18/11/2022 3:00:00 PM	60.3	70.4	53.6	60.3	60.1	-0.3
18/11/2022 4:00:00 PM	60.2	69.6	52.7	60.2	60.1	0.5
18/11/2022 5:00:00 PM	61.2	69.5	52.7	61.2	60.1	1.5
18/11/2022 6:00:00 PM	62.3	68.5	52.6	62.3	60.1	5.2
18/11/2022 7:00:00 PM	62.3	68.4	56.6	62.3	60.1	1.2
18/11/2022 8:00:00 PM	62.5	68.4	55.1	62.5	60.1	2.9
18/11/2022 9:00:00 PM	60.1	65.4	52.3	60.1	60.1	0.8
18/11/2022 10:00:00 PM	60.3	66.5	52.1	70.3	60.1	1.2
18/11/2022 11:00:00 PM	60.8	67.4	52.1	70.8	60.1	1.7
19/11/2022 12:00:00 AM	60.5	66.4	51.0	70.5	60.1	2.5
19/11/2022 1:00:00 AM	60.8	65.4	51.6	70.8	60.1	2.2
19/11/2022 2:00:00 AM	62.3	70.4	51.6	72.3	60.1	6.2
19/11/2022 3:00:00 AM	60.4	71.2	51.4	70.4	60.1	2.0
19/11/2022 4:00:00 AM	61.2	71.5	52.0	71.2	60.1	2.2
19/11/2022 5:00:00 AM	62.5	70.5	52.5	72.5	60.1	5.5
19/11/2022 6:00:00 AM	61.3	75.4	53.3	71.3	60.1	1.0
19/11/2022 7:00:00 AM	60.1	75.6	52.1	60.1	60.1	1.0
19/11/2022 8:00:00 AM	62.3	76.4	51.3	62.3	60.1	6.5
L <sub>eq</sub> 24 Hrs.	61.5	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	84.2	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.2	-	-	-
L <sub>dn</sub>	-	-	-	67.7	-	-
เสียงรบกวน	-	-	-	-	-	2.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

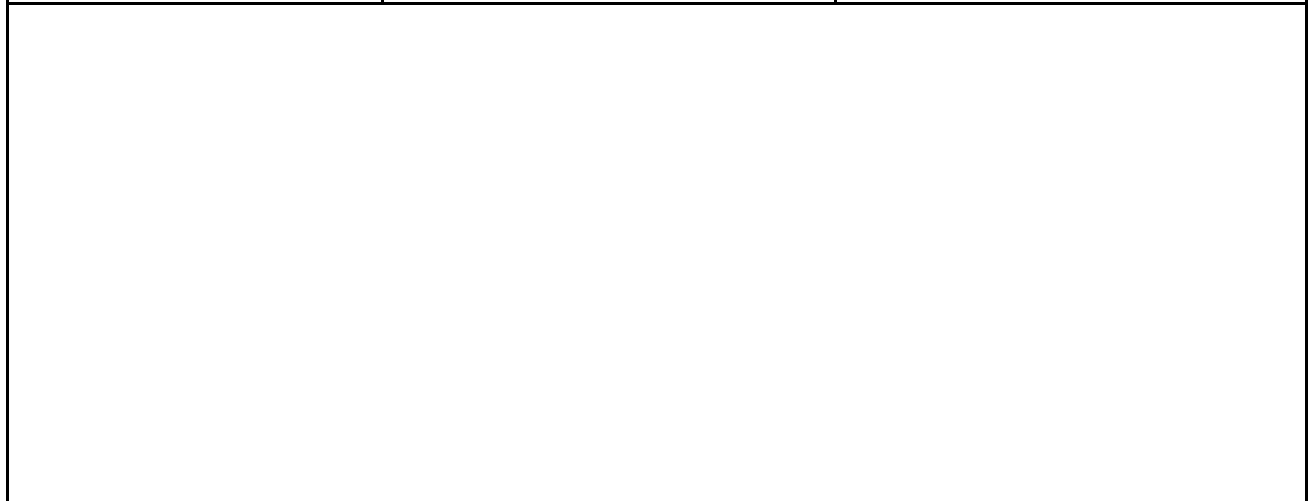
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

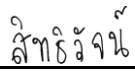
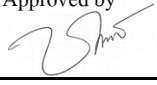
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
14/11/2022 9:00:00 AM	55.6	80.4
14/11/2022 10:00:00 AM	56.5	81.2
14/11/2022 11:00:00 AM	55.6	80.2
14/11/2022 12:00:00 PM	54.9	82.3
14/11/2022 1:00:00 PM	54.8	82.6
14/11/2022 2:00:00 PM	55.4	83.6
14/11/2022 3:00:00 PM	55.4	75.6
14/11/2022 4:00:00 PM	54.6	74.5
<b>Eighth Hours Measurement</b>	<b>55.4</b>	<b>80.1</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

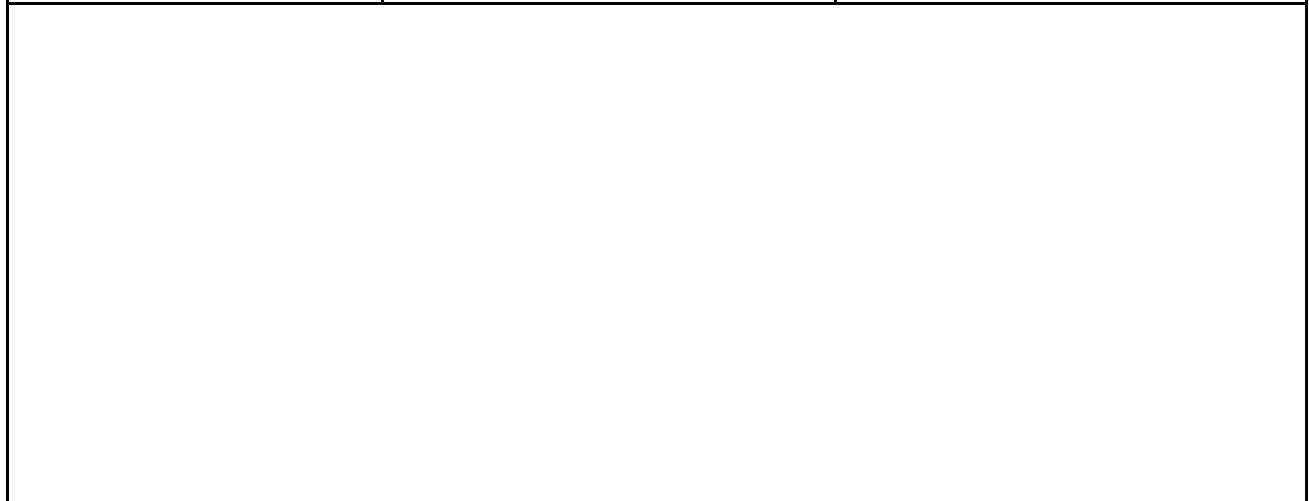
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

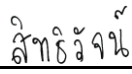
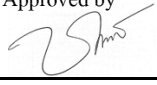
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
15/11/2022 9:00:00 AM	60.4	86.8
15/11/2022 10:00:00 AM	60.5	87.5
15/11/2022 11:00:00 AM	61.2	86.5
15/11/2022 12:00:00 PM	62.3	88.6
15/11/2022 1:00:00 PM	61.5	65.4
15/11/2022 2:00:00 PM	61.3	65.1
15/11/2022 3:00:00 PM	62.3	65.4
15/11/2022 4:00:00 PM	59.6	66.5
<b>Eighth Hours Measurement</b>	<b>61.1</b>	<b>76.5</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

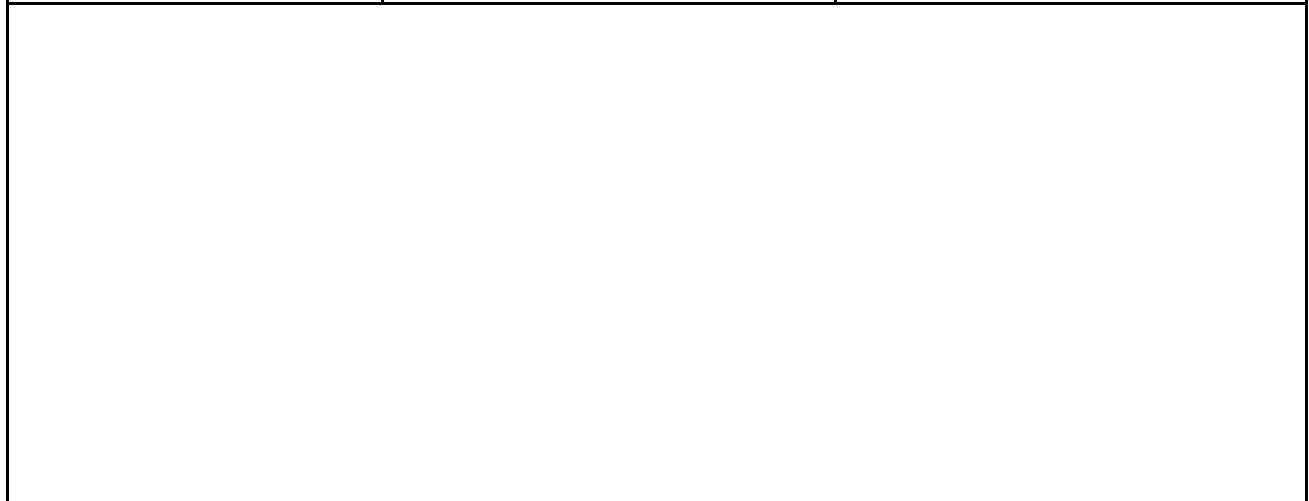
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

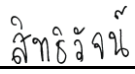
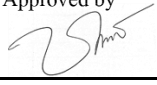
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
16/11/2022 9:00:00 AM	61.2	70.4
16/11/2022 10:00:00 AM	61.3	70.2
16/11/2022 11:00:00 AM	61.5	70.3
16/11/2022 12:00:00 PM	61.3	70.3
16/11/2022 1:00:00 PM	60.2	71.2
16/11/2022 2:00:00 PM	60.3	71.5
16/11/2022 3:00:00 PM	60.5	75.6
16/11/2022 4:00:00 PM	62.3	75.6
<b>Eighth Hours Measurement</b>	<b>61.1</b>	<b>71.9</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

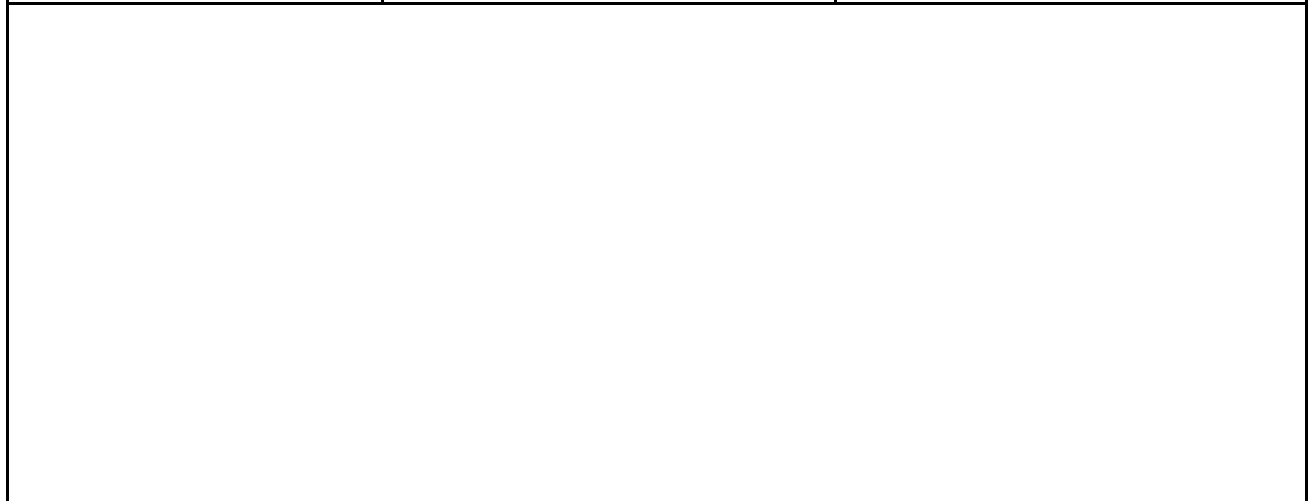
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

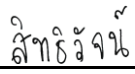
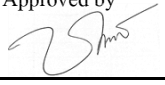
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
17/11/2022 9:00:00 AM	62.3	70.2
17/11/2022 10:00:00 AM	62.5	70.2
17/11/2022 11:00:00 AM	62.5	70.2
17/11/2022 12:00:00 PM	62.3	72.3
17/11/2022 1:00:00 PM	61.2	69.6
17/11/2022 2:00:00 PM	60.3	69.8
17/11/2022 3:00:00 PM	59.6	68.7
17/11/2022 4:00:00 PM	59.6	69.5
<b>Eighth Hours Measurement</b>	<b>61.3</b>	<b>70.1</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

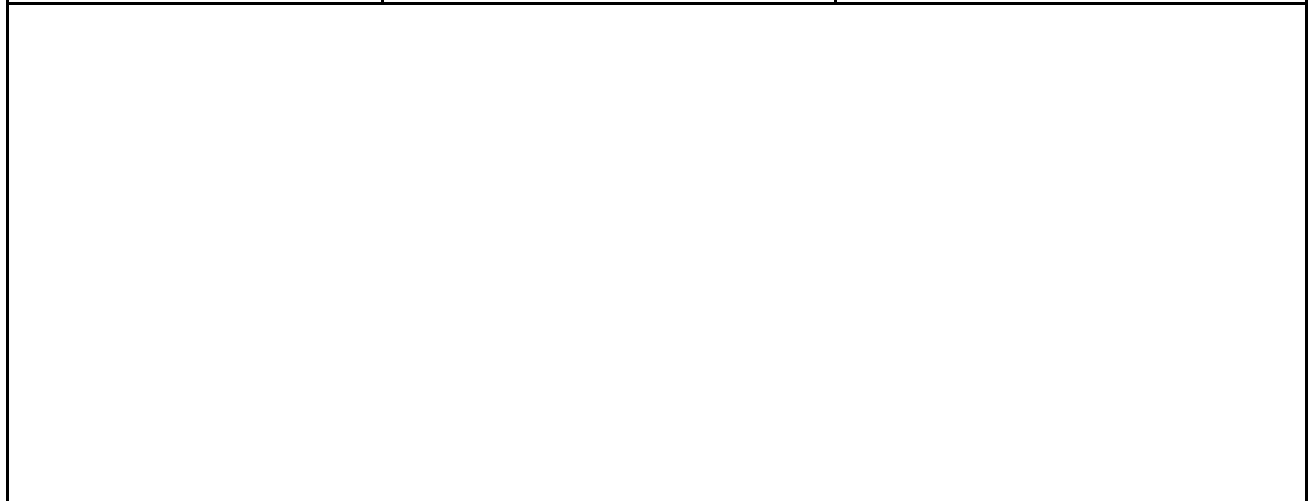
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

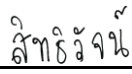
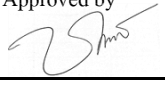
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
18/11/2022 9:00:00 AM	62.5	82.3
18/11/2022 10:00:00 AM	62.3	82.3
18/11/2022 11:00:00 AM	63.6	83.6
18/11/2022 12:00:00 PM	62.5	84.2
18/11/2022 1:00:00 PM	62.5	82.3
18/11/2022 2:00:00 PM	61.2	70.5
18/11/2022 3:00:00 PM	60.3	70.4
18/11/2022 4:00:00 PM	60.2	69.6
<b>Eighth Hours Measurement</b>	<b>61.9</b>	<b>78.2</b>



=====END OF REPORT=====	
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval**



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 21/07/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0018	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2207-0192		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 15/07/2022 Time : 09.00	Type of testing	: Environment
Received Date	: 15/07/2022 Time : 15.00	Identifier	: Surface Water
Tested Date	: 15/07/2022	Sample Name	: ห้วยลำนะหลอดก่อนผ่านพื้นที่โครงการ
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: Brownish-Turbid
Location	: Thai kali Co., Ltd.	Condition of sample	: Store in cool temperature
Sampling By	: Mr. Khanathip Meemongkol	Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.20	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,395.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	7.10	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	910.82	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	3.58	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.06	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	4.83	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	7.59	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	6.37	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	0.20	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	19.78	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	2,729.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	27.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solids Dried (TS)	mg/L	2,756.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	16.00	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	µS/cm	372.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.41	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

21/07/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of  
this tested report without laboratory approval.

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

21/07/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 21/07/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0018	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2207-0193		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 15/07/2022 Time : 09.40	Type of testing	: Environment
Received Date	: 15/07/2022 Time : 15.00	Identifier	: Surface Water
Tested Date	: 15/07/2022	Sample Name	: หัวขี้ล้นไหลอดหลังผ่านพื้นที่โครงการ
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: Brownish-Turbid
Location	: Thai kali Co., Ltd.	Condition of sample	: Store in cool temperature
Sampling By	: Mr. Khanathip Meemongkol	Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.55	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	3,045.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	7.00	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	11,410.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	72.52	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.11	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	29.17	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	7.62	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	1,185.00	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	8.80	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	5.90	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	71.27	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	36.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solide Dried (TS)	mg/L	7,163.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	9.00	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	µS/cm	16,400.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.36	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

21/07/2022

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submitted sample(s) only. Do not copy partial of  
this tested report without laboratory approval.

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

21/07/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 21/07/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0018	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2207-0194		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 15/07/2022 Time : 10.20	Type of testing	: Environment
Received Date	: 15/07/2022 Time : 15.00	Identifier	: Surface Water
Tested Date	: 15/07/2022	Sample Name	: ทางน้ำสาขาห้วยลำมะหลอดตอนกลางพื้นที่โครงการ
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: Brownish-Turbid
Location	: Thai kali Co., Ltd.	Condition of sample	: Store in cool temperature
Sampling By	: Mr. Khanathip Meemongkol	Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.10	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,145.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	6.80	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	520.47	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	2.71	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.10	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	1.57	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	8.09	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	4.27	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	0.16	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	16.53	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup> B.
13	Total Dissolved Solids (TDS)	mg/L	102.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	71.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solids Dried (TS)	mg/L	173.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	27.00	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	µS/cm	290.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.38	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวิจัน

(MR. SITTHIWAT NUNOI)

Scientist

21/07/2022

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submitted sample(s) only. Do not copy partial of  
this tested report without laboratory approval.

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

21/07/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 21/07/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0018	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2207-0195		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 15/07/2022 Time : 11.00	Type of testing	: Environment
Received Date	: 15/07/2022 Time : 15.00	Identifier	: Surface Water
Tested Date	: 15/07/2022	Sample Name	: ห้วยลำสูงหลังผ่านห้วยล้ามะหลอดมาบรรจบ
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: Brownish-Turbid
Location	: Thai kali Co., Ltd.	Condition of sample	: Store in cool temperature
Sampling By	: Mr. Khanathip Meemongkol	Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.20	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,495.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	6.90	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	2,562.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	17.27	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.08	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	4.83	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	8.01	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	227.50	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	2.02	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	17.65	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	3,464.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	14.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solids Dried (TS)	mg/L	3,478.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	8.00	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	µS/cm	3,760.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.41	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

21/07/2022

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this tested report without laboratory approval.

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

21/07/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 21/07/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0018	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2207-0196		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 15/07/2022 Time : 13.20	Type of testing	: Environment
Received Date	: 15/07/2022 Time : 15.00	Identifier	: Surface Water
Tested Date	: 15/07/2022	Sample Name	: ทางน้ำสาขาห้วยคลองแคด้านตะวันออกพื้นที่โครงการ
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: Brownish-Turbid
Location	: Thai kali Co., Ltd.	Condition of sample	: Store in cool temperature
Sampling By	: Mr. Khanathip Meemongkol	Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.65	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,396.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	6.60	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	1,882.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	8.23	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.05	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	3.44	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	7.83	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	36.13	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	4.35	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	4.13	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	2,228.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	17.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solids Dried (TS)	mg/L	2,245.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	6.00	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	µS/cm	8,100.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.39	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวัต นุ่น

(MR. SITTHIWAT NUNOI)

Scientist

21/07/2022

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submitted sample(s) only. Do not copy partial of  
this tested report without laboratory approval.

Approved by

ชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

21/07/2022

## Testing Report

Report Date	: 21/07/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0018	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2207-0197		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 15/07/2022	Time	: 14.00
Received Date	: 15/07/2022	Time	: 15.00
Tested Date	: 15/07/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Surface Water
Location	: Thai kali Co., Ltd.	Sample Name	: สระสี่คูณ
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: Brownish-Turbid
		Condition of sample	: Store in cool temperature
		Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	0.90	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,020.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	7.20	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	785.71	EDTA Titrimetic Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	4.13	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.10	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	3.32	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	8.03	Electrometic Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	9.26	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	3.06	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	5.09	Tubidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	1,969.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	7.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solide Dried (TS)	mg/L	1,976.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	2.00	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	μS/cm	5,710.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.39	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////END OF REPORT//////////////////////////////////

Tested by

สิทธิฉันทน์

(MR. SITTHIWAT NUNOI)

Scientist

21/07/2022

Approved by \_\_\_\_\_

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

21/07/2022

**Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval.**





## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0016	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0397	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 24/08/2022 Time : 15.10	Identifier : Underground Water
Tested Date : 24/08/2022	Sample Name : บ้านหนองแดงด้านเหนือ
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : บ้านหนองแดงด้านเหนือ	Condition of sample : Store in cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Alkalinity (as $\text{Na}_2\text{CO}_3$ )	mg/L	584.00	Titrimetric Method	APHA, AWWA&WEF (2017), 2320 B.
2	Arsenic (As)	mg/L	0.00	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
3	Chloride ( $\text{Cl}^-$ )	mg/L	695.78	Argentometric Method	APHA, AWWA&WEF (2017), 4500- $\text{Cl}^-$ B.
4	Electrical Conductivity (EC)	$\mu\text{S}/\text{cm}$	9,190.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
5	Iron (Fe)	mg/L	0.36	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
6	Magnesium (Mg)	mg/L	32.42	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	pH Value @25 °C	-	7.62	Electrometric Method	APHA, AWWA&WEF (2017), 4500- $\text{H}^+$ B.
8	Potassium (K)	mg/L	10.81	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	Salinity	PPT	4.93	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
10	Sodium (Na)	mg/L	182.30	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Sulphate ( $\text{SO}_4^{2-}$ )	mg/L	82.80	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500- $\text{SO}_4^{2-}$
12	Total Hardness (as $\text{CaCO}_3^{2-}$ )	mg/L	840.76	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
13	Total Dissolved Solids (TDS)	mg/L	4,512.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Solide Dried (TS)	mg/L	4,541.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
15	Total Suspended Solids (TSS)	mg/L	29.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สัทธินันท์

(MR. SITTHIWAT NUNOI)

Scientist

30/08/2022

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submitted sample(s) only. Do not copy partial of  
this tested report without laboratory approval.

Approved by

ชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

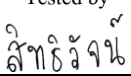
**Testing Report**

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0016	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0398	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.30	Type of testing : Environment
Received Date : 24/08/2022 Time : 15.10	Identifier : Underground Water
Tested Date : 24/08/2022	Sample Name : บ้านหนองแดงด้านใต้
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : บ้านหนองแดงด้านใต้	Condition of sample : Store in cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Alkalinity (as Na <sub>2</sub> CO <sub>3</sub> )	mg/L	604.00	Titrimetric Method	APHA, AWWA&WEF (2017), 2320 B.
2	Arsenic (As)	mg/L	0.00	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
3	Chloride (Cl <sup>-</sup> )	mg/L	595.82	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Electrical Conductivity (EC)	µS/cm	9800.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
5	Iron (Fe)	mg/L	0.37	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
6	Magnesium (Mg)	mg/L	10.52	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	pH Value @25 °C	-	7.71	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
8	Potassium (K)	mg/L	2.80	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	Salinity	PPT	5.26	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
10	Sodium (Na)	mg/L	38.37	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	20.80	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
12	Total Hardness (as CaCO <sub>3</sub> )	mg/L	3,033.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
13	Total Dissolved Solids (TDS)	mg/L	5,216.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Solids Dried (TS)	mg/L	5,268.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
15	Total Suspended Solids (TSS)	mg/L	52.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
16	Water Level	metre	4.90	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//END OF REPORT//

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
30/08/2022

Report results refer to tested parameter(s) of  
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this tested report without laboratory approval.

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
30/08/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0016	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0399	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 10.00	Type of testing : Environment
Received Date : 24/08/2022 Time : 15.10	Identifier : Underground Water
Tested Date : 24/08/2022	Sample Name : บ้านโคกน้อย
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : บ้านโคกน้อย	Condition of sample : Store in cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Alkalinity (as $\text{Na}_2\text{CO}_3$ )	mg/L	1,156.00	Titrimetric Method	APHA, AWWA&WEF (2017), 2320 B.
2	Arsenic (As)	mg/L	0.00	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
3	Chloride ( $\text{Cl}^-$ )	mg/L	6,794.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500- $\text{Cl}^-$ B.
4	Electrical Conductivity (EC)	$\mu\text{S}/\text{cm}$	15,610.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
5	Iron (Fe)	mg/L	0.62	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
6	Magnesium (Mg)	mg/L	147.50	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	pH Value @25 °C	-	7.65	Electrometric Method	APHA, AWWA&WEF (2017), 4500- $\text{H}^+$ B.
8	Potassium (K)	mg/L	25.80	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	Salinity	PPT	8.38	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
10	Sodium (Na)	mg/L	1,506.00	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Sulphate ( $\text{SO}_4^{2-}$ )	mg/L	370.25	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500- $\text{SO}_4^{2-}$
12	Total Hardness (as $\text{CaCO}_3^{2-}$ )	mg/L	22,119.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
13	Total Dissolved Solids (TDS)	mg/L	6,488.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Solide Dried (TS)	mg/L	6,517.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
15	Total Suspended Solids (TSS)	mg/L	29.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
16	Water Level	metre	4.60	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

30/08/2022

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this tested report without laboratory approval.

Approved by

ชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

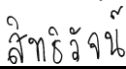
**Testing Report**

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0016	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0400	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 10.30	Type of testing : Environment
Received Date : 24/08/2022 Time : 15.10	Identifier : Underground Water
Tested Date : 24/08/2022	Sample Name : บ้านหัวท้านบ
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : บ้านหัวท้านบ	Condition of sample : Store in cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Alkalinity (as Na <sub>2</sub> CO <sub>3</sub> )	mg/L	336.00	Titrimetric Method	APHA, AWWA&WEF (2017), 2320 B.
2	Arsenic (As)	mg/L	0.00	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,095.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Electrical Conductivity (EC)	µS/cm	24,700.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
5	Iron (Fe)	mg/L	0.37	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
6	Magnesium (Mg)	mg/L	69.48	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	pH Value @25 °C	-	8.03	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
8	Potassium (K)	mg/L	15.69	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	Salinity	PPT	13.25	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
10	Sodium (Na)	mg/L	235.50	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	410.50	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup> B.
12	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	3,042.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
13	Total Dissolved Solids (TDS)	mg/L	5,024.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Solide Dried (TS)	mg/L	5,165.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
15	Total Suspended Solids (TSS)	mg/L	141.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//END OF REPORT//

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
30/08/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval.

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
30/08/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0016	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0401	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 11.20	Type of testing : Environment
Received Date : 24/08/2022 Time : 15.10	Identifier : Underground Water
Tested Date : 24/08/2022	Sample Name : บ้านห้วยนา
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : บ้านห้วยนา	Condition of sample : Store in cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Alkalinity (as Na <sub>2</sub> CO <sub>3</sub> )	mg/L	710.00	Titrimetric Method	APHA, AWWA&WEF (2017), 2320 B.
2	Arsenic (As)	mg/L	0.00	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
3	Chloride (Cl <sup>-</sup> )	mg/L	720.78	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Electrical Conductivity (EC)	µS/cm	7,530.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
5	Iron (Fe)	mg/L	0.38	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
6	Magnesium (Mg)	mg/L	12.52	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	pH Value @25 °C	-	7.85	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
8	Potassium (K)	mg/L	7.35	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	Salinity	PPT	4.04	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
10	Sodium (Na)	mg/L	100.10	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	1.72	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
12	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	3,854.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
13	Total Dissolved Solids (TDS)	mg/L	5,006.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Solide Dried (TS)	mg/L	5,018.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
15	Total Suspended Solids (TSS)	mg/L	12.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
16	Water Level	metre	6.60	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

30/08/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0017	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0402	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 09.00	Type of testing : Environment
Received Date : 24/08/2022 Time : 15.10	Identifier : Soil
Tested Date : 24/08/2022	Sample Name : ชุดดินบ้านไผ่ (Bpi-B) พิกัด WGS1984, 47P 0809294, 1698306
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Fine, Brown-Loam sand (ดินร่วนปนทราย-สีน้ำตาล)
Location : Thai kali Co., Ltd. (ดินระยะขับ 30 ซม.)	Condition of sample : Store in cool temperature, contained in plastic zip bag
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/kg	N.D.	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
2	Chloride (Cl <sup>-</sup> )	mg/kg	635.81	Argentometric Method	US.EPA. SW-846 Method 9253 (1999)
3	Electrical Conductivity (EC <sub>1:5</sub> )	uS/cm	92.00	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
4	Magnesium (Mg)	mg/kg	486.80	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
5	pH Value @25 °C	-	6.38	Electrometric Method	US.EPA. SW-846 Method 9045 D (2004)
6	Phosphorus (P)	mg/kg	76.33	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
7	Potassium (K)	mg/kg	815.70	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
8	Salinity (EC <sub>1:5</sub> )	ppt	0.05	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
9	Sodium (Na)	mg/kg	100.90	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
10	ค่าความจุแลกเปลี่ยนแคตไอออน	cmol/kg	2.55	Titration Method	กรมพัฒนาที่ดิน
11	อัตราร้อยละความอิ่มตัวบส	%	5.82	Titration Method	กรมพัฒนาที่ดิน
12	อัตราร้อยละปริมาณอินทรีย์วัตถุ	%	0.72	Titration Method	กรมพัฒนาที่ดิน
13	ปริมาณฟอสฟอรัสที่เป็นประโยชน์	mg/kg	5.11	Spectrophotometer	กรมพัฒนาที่ดิน
14	ปริมาณโพแทสเซียมที่เป็นประโยชน์	mg/kg	32.66	Flame Photometer	กรมพัฒนาที่ดิน

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 1.0 mg/kg  
Reference : 1. Test Method for Evaluating Solid Waste, Physical/Chemical Method. US.EPA, (SW-846)  
2. Methods of Soil Analysis : Part 3 Chemical Methods, ASA, SSSA, 1<sup>st</sup> ed. 1996.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

30/08/2022

Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022

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## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0017	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0403	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time 09.30	Type of testing : Environment
Received Date : 24/08/2022 Time 15.10	Identifier : Soil
Tested Date : 24/08/2022	Sample Name : ชุดดินจ๊กราช (Ckr-B) พิกัด WGS1984, 47P 0806707, 1698282
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Fine, Brown-Loam sand (ดินร่วนปนทราย-สีน้ำตาล)
Location : Thai kali Co., Ltd. (ดินระดับ 30 ซม.)	Condition of sample : Store in cool temperature, contained in plastic zip bag
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/kg	N.D.	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
2	Chloride (Cl <sup>-</sup> )	mg/kg	15,591.00	Argentometric Method	US.EPA. SW-846 Method 9253 (1999)
3	Electrical Conductivity (EC <sub>1:5</sub> )	uS/cm	9,045.00	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
4	Magnesium (Mg)	mg/kg	800.20	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
5	pH Value @25 °C	-	7.42	Electrometric Method	US.EPA. SW-846 Method 9045 D (2004)
6	Phosphorus (P)	mg/kg	26.43	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
7	Potassium (K)	mg/kg	597.50	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
8	Salinity (EC <sub>1:5</sub> )	ppt	4.85	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
9	Sodium (Na)	mg/kg	5,740.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
9	Sodium (Na)	mg/kg	5,740.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
10	ความจุแลกเปลี่ยนแคตไอออน	cmol/kg	2.53	Titration Method	กรมพัฒนาที่ดิน
11	อัตราร้อยละความอิ่มตัวของ	%	5.03	Titration Method	กรมพัฒนาที่ดิน
12	อัตราร้อยละปริมาณอินทรีย์วัตถุ	%	0.99	Titration Method	กรมพัฒนาที่ดิน
13	ปริมาณฟอสฟอรัสที่เป็นประโยชน์	mg/kg	7.22	Spectrophotometer	กรมพัฒนาที่ดิน
14	ปริมาณโพแทสเซียมที่เป็นประโยชน์	mg/kg	34.66	Flame Photometer	กรมพัฒนาที่ดิน

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 1.0 mg/kg  
Reference : 1. Test Method for Evaluating Solid Waste, Physical/Chemical Method. US.EPA, (SW-846)  
2. Methods of Soil Analysis : Part 3 Chemical Methods, ASA, SSSA, 1<sup>st</sup> ed. 1996.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สัทธิดา นุ่น

(MR. SITTHIWAT NUNOI)

Scientist

30/08/2022

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Approved by

ชอทิกา ลอยทาวินาน

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0017	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0404	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 10.00	Type of testing : Environment
Received Date : 24/08/2022 Time : 15.10	Identifier : Soil
Tested Date : 24/08/2022	Sample Name : ชุดดินชุมชนพวง (Cpg-B) พิกัด WGS1984, 47P 0808000, 1698747
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Fine, Brown-Loam sand (ดินร่วนปนทราย-สีน้ำตาล)
Location : Thai kali Co., Ltd. (ดินระดับ 30 ซม.)	Condition of sample : Store in cool temperature, contained in plastic zip bag
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/kg	N.D.	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
2	Choride (Cl <sup>-</sup> )	mg/kg	73.98	Argentometric Method	US.EPA. SW-846 Method 9253 (1999)
3	Electrical Conductivity (EC <sub>1:5</sub> )	uS/cm	46.00	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
4	Magnesium (Mg)	mg/kg	280.80	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
5	pH Value @25 °C	-	5.38	Electrometic Method	US.EPA. SW-846 Method 9045 D (2004)
6	Phosphorus (P)	mg/kg	25.93	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
7	Potassium (K)	mg/kg	338.70	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
8	Salinity (EC <sub>1:5</sub> )	ppt	0.02	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
9	Sodium (Na)	mg/kg	795.10	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
10	ค่าความจุแลกเปลี่ยนแคตไอออน	cmol/kg	2.48	Titration Method	กรมพัฒนาที่ดิน
11	อัตราร้อยละความอิ่มตัวเบส	%	3.31	Titration Method	กรมพัฒนาที่ดิน
12	อัตราร้อยละปริมาณอินทรีย์วัตถุ	%	1.02	Titration Method	กรมพัฒนาที่ดิน
13	ปริมาณฟอสฟอรัสที่เป็นประโยชน์	mg/kg	7.65	Spectrophotometer	กรมพัฒนาที่ดิน
14	ปริมาณโพแทสเซียมที่เป็นประโยชน์	mg/kg	33.19	Flame Photometer	กรมพัฒนาที่ดิน

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 1.0 mg/kg  
Reference : 1. Test Method for Evaluating Solid Waste, Physical/Chemical Method. US.EPA, (SW-846)  
2. Methods of Soil Analysis : Part 3 Chemical Methods, ASA, SSSA, 1<sup>st</sup> ed. 1996.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สัทธิดา นุ่น

(MR. SITTHIWAT NUNOI)

Scientist

30/08/2022

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Approved by

ชชชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0017	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0405	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 10.30	Type of testing : Environment
Received Date : 24/08/2022 Time : 15.10	Identifier : Soil
Tested Date : 24/08/2022	Sample Name : ชุดดินจตุรัส (Ct-B) พิกัด WGS1984, 47P 0808155, 1697402
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Fine, Grayish Brown-Loam sand (ดินร่วนปนทราย-สีเทา)
Location : Thai kali Co., Ltd. (ดินระดับ 30 ซม.)	Condition of sample : Store in cool temperature, contained in plastic zip bag
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/kg	N.D.	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
2	Chloride (Cl <sup>-</sup> )	mg/kg	109.97	Argentometric Method	US.EPA. SW-846 Method 9253 (1999)
3	Electrical Conductivity (EC <sub>1:5</sub> )	uS/cm	183.00	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
4	Magnesium (Mg)	mg/kg	4,808.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
5	pH Value @25 °C	-	8.05	Electrometric Method	US.EPA. SW-846 Method 9045 D (2004)
6	Phosphorus (P)	mg/kg	173.30	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
7	Potassium (K)	mg/kg	4,908.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
8	Salinity (EC <sub>1:5</sub> )	ppt	0.10	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
9	Sodium (Na)	mg/kg	280.90	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
10	ความจุแลกเปลี่ยนแคตไอออน	cmol/kg	2.51	Titration Method	กรมพัฒนาที่ดิน
11	อัตราย่อยสลายความอิมตัวบส	%	4.24	Titration Method	กรมพัฒนาที่ดิน
12	อัตราย่อยสลายปริมาณอินทรีย์วัตถุ	%	1.17	Titration Method	กรมพัฒนาที่ดิน
13	ปริมาณฟอสฟอรัสที่เป็นประโยชน์	mg/kg	8.99	Spectrophotometer	กรมพัฒนาที่ดิน
14	ปริมาณโพแทสเซียมที่เป็นประโยชน์	mg/kg	37.16	Flame Photometer	กรมพัฒนาที่ดิน

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 1.0 mg/kg

Reference : 1. Test Method for Evaluating Solid Waste, Physical/Chemical Method. US.EPA, (SW-846)

2. Methods of Soil Analysis : Part 3 Chemical Methods, ASA, SSSA, 1<sup>st</sup> ed. 1996.

////////////////////END OF REPORT////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

30/08/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date	: 30/08/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0017	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2208-0406		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 24/08/2022	Time	: 11.00
Received Date	: 24/08/2022	Time	: 15.10
Tested Date	: 24/08/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Soil
Location	: Thai kali Co., Ltd. (ดินระดับ 30 ซม.)	Sample Name	: ชุดดินลพบุรี (Lb-B) พิกัด WGS1984, 47P 0808117, 1695347
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: Fine, Brown-Loam sand (ดินร่วนปนทราย-สีน้ำตาล)
		Condition of sample	: Store in cool temperature, contained in plastic zip bag
		Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/kg	N.D.	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
2	Chloride (Cl <sup>-</sup> )	mg/kg	307.91	Argentometric Method	US.EPA. SW-846 Method 9253 (1999)
3	Electrical Conductivity (EC <sub>1:5</sub> )	uS/cm	504.00	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
4	Magnesium (Mg)	mg/kg	6,203.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
5	pH Value @25 °C	-	7.62	Electrometric Method	US.EPA. SW-846 Method 9045 D (2004)
6	Phosphorus (P)	mg/kg	165.60	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
7	Potassium (K)	mg/kg	6,047.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
8	Salinity (EC <sub>1:5</sub> )	ppt	0.27	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
9	Sodium (Na)	mg/kg	250.70	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
10	ค่าความจุแลกเปลี่ยนแคตไอออน	cmol/kg	2.61	Titration Method	กรมพัฒนาที่ดิน
11	อัตราร้อยละความอิ่มตัวเบส	%	8.13	Titration Method	กรมพัฒนาที่ดิน
12	อัตราร้อยละปริมาณอินทรีย์วัตถุ	%	2.05	Titration Method	กรมพัฒนาที่ดิน
13	ปริมาณฟอสฟอรัสที่เป็นประโยชน์	mg/kg	10.66	Spectrophotometer	กรมพัฒนาที่ดิน
14	ปริมาณโพแทสเซียมที่เป็นประโยชน์	mg/kg	42.61	Flame Photometer	กรมพัฒนาที่ดิน

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 1.0 mg/kg

Reference : 1. Test Method for Evaluating Solid Waste, Physical/Chemical Method. US.EPA, (SW-846)

2. Methods of Soil Analysis : Part 3 Chemical Methods, ASA, SSSA, 1<sup>st</sup> ed. 1996.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สัทธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

30/08/2022

Approved by

ชอติกา

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022

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## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0017	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0407	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 11.30	Type of testing : Environment
Received Date : 24/08/2022 Time : 15.10	Identifier : Soil
Tested Date : 24/08/2022	Sample Name : ชุดดินมหาสารคาม (Mk-B) พิกัด WGS1984, 47P 0807347, 16992
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Fine, Brown-Loam sand (ดินร่วนปนทราย-สีน้ำตาล)
Location : Thai kali Co., Ltd. (ดินระดับ 30 ซม.)	Condition of sample : Store in cool temperature, contained in plastic zip bag
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/kg	N.D.	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
2	Choride (Cl <sup>-</sup> )	mg/kg	2,915.00	Argentometric Method	US.EPA. SW-846 Method 9253 (1999)
3	Electrical Conductivity (EC <sub>1:5</sub> )	uS/cm	1981.00	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
4	Magnesium (Mg)	mg/kg	1,636.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
5	pH Value @25 °C	-	7.91	Electrometic Method	US.EPA. SW-846 Method 9045 D (2004)
6	Phosphorus (P)	mg/kg	61.82	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
7	Potassium (K)	mg/kg	1,746.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
8	Salinity (EC <sub>1:5</sub> )	ppt	1.06	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
9	Sodium (Na)	mg/kg	1,900.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
10	ค่าความจุแลกเปลี่ยนแคตไอออน	cmol/kg	2.76	Titration Method	กรมพัฒนาที่ดิน
11	อัตราร้อยละความอิ่มตัวของ	%	13.15	Titration Method	กรมพัฒนาที่ดิน
12	อัตราร้อยละปริมาณอินทรีย์วัตถุ	%	1.84	Titration Method	กรมพัฒนาที่ดิน
13	ปริมาณฟอสฟอรัสที่เป็นประโยชน์	mg/kg	9.46	Spectrophotometer	กรมพัฒนาที่ดิน
14	ปริมาณโพแทสเซียมที่เป็นประโยชน์	mg/kg	41.82	Flame Photometer	กรมพัฒนาที่ดิน

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 1.0 mg/kg  
Reference : 1. Test Method for Evaluating Solid Waste, Physical/Chemical Method. US.EPA, (SW-846)  
2. Methods of Soil Analysis : Part 3 Chemical Methods, ASA, SSSA, 1<sup>st</sup> ed. 1996.

=====//END OF REPORT=====

Tested by

สีทิวัต นุ่น

(MR. SITTHIWAT NUNOI)

Scientist

30/08/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022

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this tested report without laboratory approval.



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 30/08/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0017	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2208-0408	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/08/2022 Time : 13.00	Type of testing : Environment
Received Date : C E Lab&Consult Time : 15.10	Identifier : Soil
Tested Date : 24/08/2022	Sample Name : ชุดดิน โนนไทย (Nt-A) พิกัด WGS1984, 47P 0806715, 1696004
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Fine, Brown-Loam sand (ดินร่วนปนทราย-สีน้ำตาล)
Location : Thai kali Co., Ltd. (ดินระดับ 30 ซม.)	Condition of sample : Store in cool temperature, contained in plastic zip bag
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/kg	N.D.	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
2	Chloride (Cl <sup>-</sup> )	mg/kg	144.96	Argentometric Method	US.EPA. SW-846 Method 9253 (1999)
3	Electrical Conductivity (EC <sub>1:5</sub> )	uS/cm	56.00	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
4	Magnesium (Mg)	mg/kg	2,807.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
5	pH Value @25 °C	-	7.62	Electrometric Method	US.EPA. SW-846 Method 9045 D (2004)
6	Phosphorus (P)	mg/kg	57.17	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
7	Potassium (K)	mg/kg	3,864.00	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
8	Salinity (EC <sub>1:5</sub> )	ppt	0.03	Electrical Conductivity Method	ASA, SSSA, (1996)-Salinity
9	Sodium (Na)	mg/kg	23.61	ICP-OES	US.EPA. SW-846 Method 6010 D (2018)
10	ค่าความจุแลกเปลี่ยนแคตไอออน	cmol/kg	2.94	Titration Method	กรมพัฒนาที่ดิน
11	อัตราร้อยละความอิ่มตัวของ	%	18.46	Titration Method	กรมพัฒนาที่ดิน
12	อัตราร้อยละปริมาณอินทรีย์วัตถุ	%	2.88	Titration Method	กรมพัฒนาที่ดิน
13	ปริมาณฟอสฟอรัสที่เป็นประโยชน์	mg/kg	11.03	Spectrophotometer	กรมพัฒนาที่ดิน
14	ปริมาณโพแทสเซียมที่เป็นประโยชน์	mg/kg	35.69	Flame Photometer	กรมพัฒนาที่ดิน

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 1.0 mg/kg, Sodium (Na) = 10.0 mg/kg

Reference : 1. Test Method for Evaluating Solid Waste, Physical/Chemical Method. US.EPA, (SW-846)

2. Methods of Soil Analysis : Part 3 Chemical Methods, ASA, SSSA, 1<sup>st</sup> ed. 1996.

=====//END OF REPORT=====

Tested by

สีทิวัต นุ่น

(MR. SITHIWAT NUNOI)

Scientist

30/08/2022

Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

30/08/2022

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองรวม (TSP)	0.20 0	≤ 0.33	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองรวม (TSP)	0.21 0	≤ 0.33	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองรวม (TSP)	0.19 0	≤ 0.33	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองรวม (TSP)	0.20 0	≤ 0.33	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองรวม (TSP)	0.19 0	≤ 0.33	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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25/11/2022

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25/11/2022

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**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US, EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองรวม (TSP)	0.20 0	≤ 0.33	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองรวม (TSP)	0.20 0	≤ 0.33	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองรวม (TSP)	0.19 0	≤ 0.33	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองรวม (TSP)	0.21 0	≤ 0.33	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองรวม (TSP)	0.21 0	≤ 0.33	mg/m <sup>3</sup>	Pass

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**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองรวม (TSP)	0.17	$\leq 0.33$	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองรวม (TSP)	0.16	$\leq 0.33$	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองรวม (TSP)	0.19	$\leq 0.33$	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองรวม (TSP)	0.17	$\leq 0.33$	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองรวม (TSP)	0.18	$\leq 0.33$	mg/m <sup>3</sup>	Pass

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**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US, EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองรวม (TSP)	0.21	$\leq 0.33$	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองรวม (TSP)	0.20	$\leq 0.33$	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองรวม (TSP)	0.15	$\leq 0.33$	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองรวม (TSP)	0.18	$\leq 0.33$	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองรวม (TSP)	0.15	$\leq 0.33$	mg/m <sup>3</sup>	Pass

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Deputy Technical Manager

25/11/2022

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## Testing Report

Report Date	: 25/11/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0024	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2211-0015		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 14/11/2022	Time	: 09.00
Received Date	: 21/11/2022	Time	: 08.00
Tested Date	: 21/11/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Ambient Air Quality
Location	: Thai kali Co., Ltd.	Sample Name	: บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: -
		Condition of sample	: Ambient temperature
		Reference method	: US. EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองรวม (TSP)	0.20	$\leq 0.33$	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองรวม (TSP)	0.19	$\leq 0.33$	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองรวม (TSP)	0.22	$\leq 0.33$	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองรวม (TSP)	0.20	$\leq 0.33$	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองรวม (TSP)	0.19	$\leq 0.33$	mg/m <sup>3</sup>	Pass

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//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สัปดาห์ที่ ๑

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by



(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

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**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงเรียนวัดสระขี้ต้อน (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US, EPA 40 CFR part. 50 : Appendix B / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองรวม (TSP)	0.17	$\leq 0.33$	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองรวม (TSP)	0.21	$\leq 0.33$	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองรวม (TSP)	0.20	$\leq 0.33$	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองรวม (TSP)	0.20	$\leq 0.33$	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองรวม (TSP)	0.18	$\leq 0.33$	mg/m <sup>3</sup>	Pass

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**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass

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(MR. SITTHIWAT NUNOI)

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Deputy Technical Manager

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**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.05	≤ 0.12	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.06	≤ 0.12	mg/m <sup>3</sup>	Pass

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=====//END OF REPORT=====

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.05	≤ 0.12	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.08	≤ 0.12	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.05	≤ 0.12	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

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**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

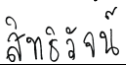
**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.05	≤ 0.12	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

=====//END OF REPORT=====

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
25/11/2022

Report results refer to tested parameter(s) of submitted  
sample(s) only. Do not copy partial of this tested report  
without laboratory approval

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0015	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	$\leq 0.12$	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	$\leq 0.12$	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	$\leq 0.12$	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.01	$\leq 0.12$	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	$\leq 0.12$	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตุน (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR part. 50 : Appendix J / Gravimetric Method

No.	Sample Date	Parameter	Results	Standard*	Unit	Compare with standard
1	14/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
2	15/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
3	16/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.02	≤ 0.12	mg/m <sup>3</sup>	Pass
4	17/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.04	≤ 0.12	mg/m <sup>3</sup>	Pass
5	18/11/2022	ฝุ่นละอองขนาดเล็กกว่า 10 ไมครอน (PM-10)	0.03	≤ 0.12	mg/m <sup>3</sup>	Pass

Remark : \*Notification of the National Environmental Board. No. 24, 2004 (B.E. 2547) Prescription of Air Quality Standard in General Atmosphere.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

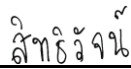
Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)  
: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

  
(MR. SITTHIWAT NUNOI)  
Scientist  
25/11/2022

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Approved by

  
(MISS. CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
25/11/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022      Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022      Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)

: Detection Limit = 0.050 ppm.

//////END OF REPORT

Tested by

สัปดาห์ที่ ๑๖

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

25/11/2018

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval**

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0015	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 40 CFR Part 53 and 58 : UV Fluorescent

No.	Sampling Time	Sulfur Dioxide, SO <sub>2</sub> (ppm)-Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.12	≤0.12	≤0.12	≤0.12	≤0.12

Remark : \*Notification of the National Environmental Board No. 24, 2001 (B.E. 2544)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
3	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
15	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
2	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
14	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
2	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
13	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
14	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
2	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
12	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
13	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
14	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
24	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0015	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
2	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
11	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
12	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
13	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
14	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
23	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
24	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : US. EPA 40 CFR Part 50, Appendix F : Chemiluminescence

No.	Sampling Time	Nitrogen Dioxide, NO <sub>2</sub> (ppm) -Sampling Date				
		14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	02:00 PM-03:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
2	03:00 PM-04:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
3	04:00 PM-05:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
4	05:00 PM-06:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
5	06:00 PM-07:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
6	07:00 PM-08:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
7	08:00 PM-09:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
8	09:00 PM-10:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
9	10:00 PM-11:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
10	11:00 PM-12:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
11	12:00 AM-01:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
12	01:00 AM-02:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
13	02:00 AM-03:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
14	03:00 AM-04:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
15	04:00 AM-05:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
16	05:00 AM-06:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
17	06:00 AM-07:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
18	07:00 AM-08:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
19	08:00 AM-09:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
20	09:00 AM-10:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
21	10:00 AM-11:00 AM	<0.050	<0.050	<0.050	<0.050	<0.050
22	11:00 AM-12:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
23	12:00 PM-01:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
24	01:00 PM-02:00 PM	<0.050	<0.050	<0.050	<0.050	<0.050
Average 24 hrs.		<0.050	<0.050	<0.050	<0.050	<0.050
Maximum 1 hr.		<0.050	<0.050	<0.050	<0.050	<0.050
Standard* : 1 hr. - Average		≤0.17	≤0.17	≤0.17	≤0.17	≤0.17

Remark : \*Notification of the National Environmental Board No. 33, 2009 (B.E. 2552)

: Detection Limit = 0.050 ppm.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	14/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	15/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	16/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	17/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	18/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND. = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

=====END OF REPORT=====

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	14/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	15/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	16/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	17/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	18/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND, = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

=====END OF REPORT=====

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**Report results refer to tested parameter(s) of  
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**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	14/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	15/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	16/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	17/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	18/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND, = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

=====END OF REPORT=====

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999, IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	14/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	15/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	16/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	17/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	18/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND. = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

END OF REPORT

Tested by

สิทธินันท์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

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Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0015	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองไทร (47P 0805940, 1698734)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	14/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	15/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	16/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	17/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	18/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND. = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

END OF REPORT

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

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(MISS. CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Ambient Air Quality
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตุน (47P 0806473, 1692819)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : U.S. EPA. 1999. IO Compendium Method IO-3.1 and IO-3.4

No.	Sample Date	Parameter	Results	Standard	Unit	Compare with standard
1	14/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
2	15/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
3	16/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
4	17/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-
5	18/11/2022	ฝุ่นเกลือ (Salt dust)	N.D.	-	mg/m <sup>3</sup>	-

Remark : ND. = Not Detected, Detection Limit = 0.0 mg/m<sup>3</sup>

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

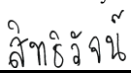
## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Wind Speed/Wind Direction
Tested Date : 21/11/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	1.9	E	09:00PM-10:00PM	1.4	NNE
10:00AM-11:00AM	1.9	ESE	10:00PM-11:00PM	1.6	NNE
11:00AM-12:00PM	2.0	ESE	11:00PM-12:00PM	1.2	NNE
12:00PM-01:00PM	1.7	E	12:00AM-01:00AM	1.1	N
01:00PM-02:00PM	1.9	ESE	01:00AM-02:00AM	1.2	NNE
02:00PM-03:00PM	1.4	ESE	02:00AM-03:00AM	1.4	NNE
03:00PM-04:00PM	1.7	NE	03:00AM-04:00AM	0.5	NE
04:00PM-05:00PM	1.3	NE	04:00AM-05:00AM	0.0	SW
05:00PM-06:00PM	0.5	NNE	05:00AM-06:00AM	0.4	NNW
06:00PM-07:00PM	0.5	ENE	06:00AM-07:00AM	1.5	E
07:00PM-08:00PM	0.7	SSW	07:00AM-08:00AM	2.0	E
08:00PM-09:00PM	1.8	SE	08:00AM-09:00AM	1.7	E
Average 24 hrs. (m/s)			1.30		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
25/11/2022

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Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Wind Speed/Wind Direction
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงงัดแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	1.5	E	09:00PM-10:00PM	0.0	N
10:00AM-11:00AM	1.6	ESE	10:00PM-11:00PM	0.4	S
11:00AM-12:00PM	1.6	SW	11:00PM-12:00PM	0.2	SSE
12:00PM-01:00PM	1.1	SW	12:00AM-01:00AM	0.1	SSW
01:00PM-02:00PM	1.3	S	01:00AM-02:00AM	0.3	ESE
02:00PM-03:00PM	0.9	SSW	02:00AM-03:00AM	0.4	ESE
03:00PM-04:00PM	0.1	SSE	03:00AM-04:00AM	0.1	ESE
04:00PM-05:00PM	0.0	SSE	04:00AM-05:00AM	0.0	N
05:00PM-06:00PM	0.3	SSW	05:00AM-06:00AM	0.3	SE
06:00PM-07:00PM	0.3	WSW	06:00AM-07:00AM	1.0	SE
07:00PM-08:00PM	0.1	NW	07:00AM-08:00AM	1.0	ENE
08:00PM-09:00PM	0.1	WNW	08:00AM-09:00AM	1.4	NE
Average 24 hrs. (m/s)			0.59		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022
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FM-16-01 แก้ไขครั้งที่ 0

Page 2/7

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

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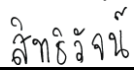
**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Wind Speed/Wind Direction
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแ่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	1.2	NE	09:00PM-10:00PM	0.2	NNE
10:00AM-11:00AM	1.2	ENE	10:00PM-11:00PM	0.3	NNE
11:00AM-12:00PM	1.7	E	11:00PM-12:00PM	0.2	NNE
12:00PM-01:00PM	1.0	ENE	12:00AM-01:00AM	0.6	NNE
01:00PM-02:00PM	1.4	ESE	01:00AM-02:00AM	1.1	NNE
02:00PM-03:00PM	1.1	ESE	02:00AM-03:00AM	0.6	NNE
03:00PM-04:00PM	0.0	SE	03:00AM-04:00AM	0.8	NNE
04:00PM-05:00PM	0.0	N	04:00AM-05:00AM	0.5	NE
05:00PM-06:00PM	0.0	N	05:00AM-06:00AM	1.4	E
06:00PM-07:00PM	0.0	N	06:00AM-07:00AM	1.8	ESE
07:00PM-08:00PM	0.0	N	07:00AM-08:00AM	1.8	ESE
08:00PM-09:00PM	0.1	SE	08:00AM-09:00AM	1.4	ESE
Average 24 hrs. (m/s)			0.77		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
25/11/2022

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Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

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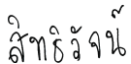
**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Wind Speed/Wind Direction
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแ่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	0.7	ESE	09:00PM-10:00PM	0.2	NW
10:00AM-11:00AM	1.1	E	10:00PM-11:00PM	0.5	WNW
11:00AM-12:00PM	1.0	ENE	11:00PM-12:00PM	0.0	NNW
12:00PM-01:00PM	1.3	ESE	12:00AM-01:00AM	0.5	NNE
01:00PM-02:00PM	1.2	ESE	01:00AM-02:00AM	0.3	NNE
02:00PM-03:00PM	0.4	SE	02:00AM-03:00AM	0.3	NNE
03:00PM-04:00PM	0.0	E	03:00AM-04:00AM	0.0	SE
04:00PM-05:00PM	0.0	ENE	04:00AM-05:00AM	0.2	SW
05:00PM-06:00PM	0.1	ESE	05:00AM-06:00AM	0.1	SSE
06:00PM-07:00PM	0.9	S	06:00AM-07:00AM	0.9	SE
07:00PM-08:00PM	0.7	SW	07:00AM-08:00AM	1.4	SE
08:00PM-09:00PM	0.9	W	08:00AM-09:00AM	1.3	SE
Average 24 hrs. (m/s)			0.58		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
25/11/2022

**Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval**

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

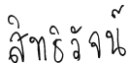
**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Wind Speed/Wind Direction
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงงาน (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Sampling Time	Wind Speed (m/s)	Wind Direction*	Sampling Time	Wind Speed (m/s)	Wind Direction*
09:00AM-10:00AM	1.6	SE	09:00PM-10:00PM	0.8	WSW
10:00AM-11:00AM	1.8	ESE	10:00PM-11:00PM	0.5	NNW
11:00AM-12:00PM	1.6	ESE	11:00PM-12:00PM	0.4	NNW
12:00PM-01:00PM	1.4	ESE	12:00AM-01:00AM	0.4	NNW
01:00PM-02:00PM	1.4	SE	01:00AM-02:00AM	0.5	N
02:00PM-03:00PM	0.8	ESE	02:00AM-03:00AM	0.3	NNE
03:00PM-04:00PM	0.1	SE	03:00AM-04:00AM	0.4	NNE
04:00PM-05:00PM	0.1	SSE	04:00AM-05:00AM	1.4	E
05:00PM-06:00PM	1.1	WNW	05:00AM-06:00AM	1.6	E
06:00PM-07:00PM	1.8	WNW	06:00AM-07:00AM	2.3	E
07:00PM-08:00PM	1.5	NW	07:00AM-08:00AM	0.8	WSW
08:00PM-09:00PM	0.9	NNW	08:00AM-09:00AM	0.5	NNW
Average 24 hrs. (m/s)			1.00		

Remark : \*NE = North, NE = Northeast, E = East, SE = Southeast, S = South, SW = Southwest, W = West, NW = Northwest  
NNE = North-northeast, ENE = East-northeast ESE = East-southeast, SSE = South-southeast, SSW = South-southwest  
WSW = West-southwest, WNW = West-northwest, NNW = North-northwest

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
25/11/2022

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Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

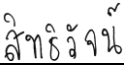
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14-18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Wind Speed/Wind Direction
Tested Date : 21/11/2022	Sample Name : บริเวณโรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

Direction	Speed (m/s)						Total (%)
	V <sub>1</sub> (<0.4)	V <sub>2</sub> (0.4-1.8)	V <sub>3</sub> (1.8-3.6)	V <sub>4</sub> (3.6-5.8)	V <sub>5</sub> (5.8-8.5)	V <sub>6</sub> (>8.5)	
N	1.71	1.71	0.00	0.00	#REF!	#REF!	0.79
NNE	0.00	4.27	0.00	0.00	#REF!	#REF!	12.59
NE	0.00	1.71	0.00	0.00	#REF!	#REF!	6.31
ENE	0.85	0.85	0.00	0.00	#REF!	#REF!	3.15
E	1.70	0.00	0.00	0.00	#REF!	#REF!	17.32
ESE	0.85	0.85	0.00	0.00	#REF!	#REF!	16.53
SE	1.70	3.41	0.00	0.00	#REF!	#REF!	11.81
SSE	0.85	2.56	0.00	0.00	#REF!	#REF!	3.93
S	0.00	0.85	0.85	0.00	#REF!	#REF!	3.94
SSW	0.85	2.56	0.00	0.00	#REF!	#REF!	2.36
SW	0.85	0.85	0.00	0.00	#REF!	#REF!	1.58
WSW	0.00	7.68	2.56	0.00	#REF!	#REF!	3.15
W	2.56	15.37	8.53	0.85	#REF!	#REF!	3.15
WNW	0.00	2.56	5.96	1.71	#REF!	#REF!	3.15
NW	1.70	2.56	4.27	0.85	#REF!	#REF!	2.38
NNW	5.11	6.83	0.85	0.00	#REF!	#REF!	11.01
Total (%)	18.73	54.62	23.02	3.41	#REF!	#REF!	100.00

=====END OF REPORT=====

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
25/11/2022

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submitted sample(s) only. Do not copy partial of this  
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Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

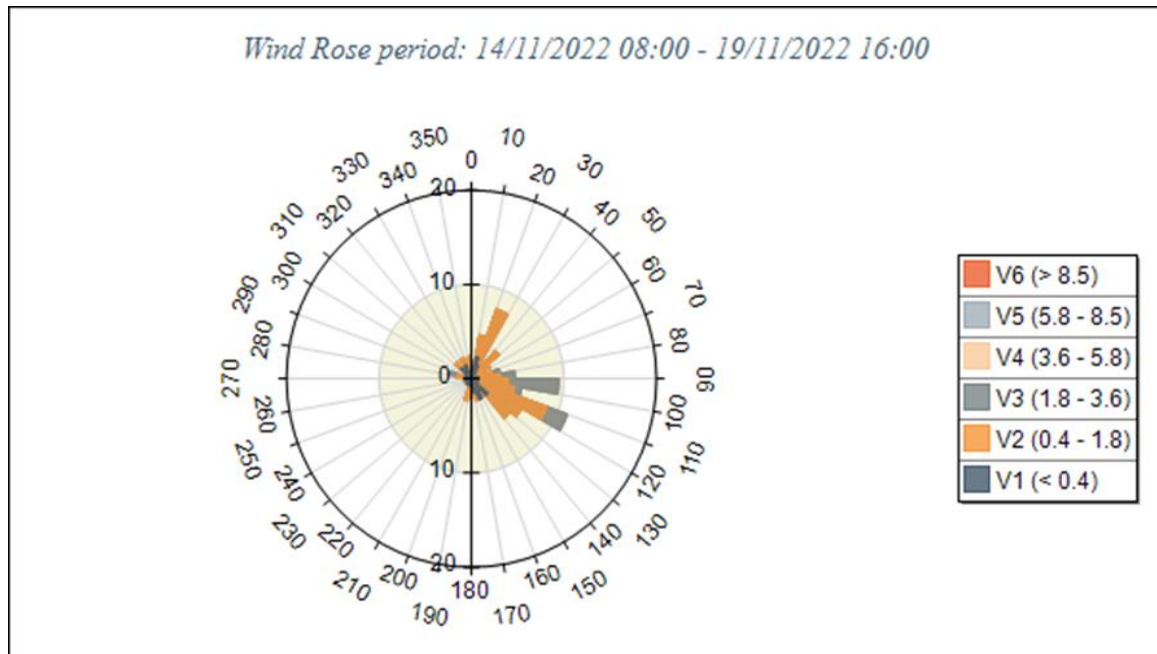
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Wind Speed/Wind Direction
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแ่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : Anemometer and Anodized Aluminium Vane Method

รูปภาพแสดงมังคลมระยะเวลา 5 วัน ต่อเนื่อง  
วันที่ 14-18 พฤศจิกายน 2565



=====END OF REPORT=====

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

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## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 25/11/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0024	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2211-0011		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 14/11/2022	Time	: 09.00
Received Date	: 21/11/2022	Time	: 08.00
Tested Date	: 21/11/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Sound Level
Location	: Thai kali Co., Ltd.	Sample Name	: บริเวณโรงเตี๊ยม (47P 0807445, 1699250)
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: -
		Condition of sample	: Ambient temperature
		Reference method	: ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
14/11/2022 9:00:00 AM	65.8	79.5	56.7	65.8	55.6	8.6
14/11/2022 10:00:00 AM	65.4	80.6	55.6	65.4	55.6	9.3
14/11/2022 11:00:00 AM	64.2	75.6	55.4	64.2	55.6	8.3
14/11/2022 12:00:00 PM	66.3	78.9	56.3	66.3	55.6	9.5
14/11/2022 1:00:00 PM	65.4	78.4	55.2	65.4	55.6	9.7
14/11/2022 2:00:00 PM	64.1	76.3	54.3	64.1	55.6	9.3
14/11/2022 3:00:00 PM	63.2	80.6	51.2	63.2	55.6	11.5
14/11/2022 4:00:00 PM	55.6	81.5	50.1	55.6	55.6	0.0
14/11/2022 5:00:00 PM	57.8	81.4	50.9	57.8	55.6	2.4
14/11/2022 6:00:00 PM	56.6	82.3	52.3	56.6	55.6	0.0
14/11/2022 7:00:00 PM	57.6	83.2	53.1	57.6	55.6	0.0
14/11/2022 8:00:00 PM	56.6	80.6	51.4	56.6	55.6	0.0
14/11/2022 9:00:00 PM	57.8	81.5	52.4	57.8	55.6	0.9
14/11/2022 10:00:00 PM	64.7	88.7	54.6	74.7	55.6	9.6
14/11/2022 11:00:00 PM	65.4	87.8	53.6	75.4	55.6	11.3
15/11/2022 12:00:00 AM	64.3	86.3	50.4	74.3	55.6	13.4
15/11/2022 1:00:00 AM	63.2	85.6	50.1	73.2	55.6	12.6
15/11/2022 2:00:00 AM	62.4	84.6	50.4	72.4	55.6	11.0
15/11/2022 3:00:00 AM	62.3	85.6	52.3	72.3	55.6	9.0
15/11/2022 4:00:00 AM	61.4	79.6	52.1	71.4	55.6	7.8
15/11/2022 5:00:00 AM	60.1	78.9	53.2	70.1	55.6	5.4
15/11/2022 6:00:00 AM	61.2	78.4	54.1	71.2	55.6	5.6
15/11/2022 7:00:00 AM	61.4	79.6	53.2	61.4	55.6	6.7
15/11/2022 8:00:00 AM	62.3	80.4	51.4	62.3	55.6	9.9
L <sub>eq</sub> 24 Hrs.	61.9	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	88.7	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	52.9	-	-	-
L <sub>dn</sub>	-	-	-	69.5	-	-
เสียงรบกวน	-	-	-	-	-	7.2
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง กำหนดค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธีวาทน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
15/11/2022 9:00:00 AM	60.1	79.6	54.6	60.1	54.7	4.0
15/11/2022 10:00:00 AM	59.8	79.4	55.1	59.8	54.7	3.2
15/11/2022 11:00:00 AM	58.6	78.6	55.6	58.6	54.7	1.0
15/11/2022 12:00:00 PM	56.5	75.6	54.3	56.5	54.7	0.0
15/11/2022 1:00:00 PM	55.6	90.5	56.3	55.6	54.7	0.0
15/11/2022 2:00:00 PM	57.8	90.4	54.2	57.8	54.7	0.6
15/11/2022 3:00:00 PM	57.9	90.1	54.6	57.9	54.7	0.3
15/11/2022 4:00:00 PM	56.4	85.6	53.6	56.4	54.7	0.0
15/11/2022 5:00:00 PM	55.7	84.6	55.6	55.7	54.7	0.0
15/11/2022 6:00:00 PM	56.3	86.3	54.1	56.3	54.7	0.0
15/11/2022 7:00:00 PM	57.8	87.6	53.2	57.8	54.7	1.6
15/11/2022 8:00:00 PM	60.1	82.3	55.6	60.1	54.7	3.0
15/11/2022 9:00:00 PM	58.9	83.6	50.4	58.9	54.7	6.5
15/11/2022 10:00:00 PM	59.6	84.5	50.9	69.6	54.7	7.2
15/11/2022 11:00:00 PM	55.4	84.7	50.4	65.4	54.7	0.0
16/11/2022 12:00:00 AM	54.7	89.7	53.6	64.7	54.7	0.0
16/11/2022 1:00:00 AM	58.9	85.4	54.6	68.9	54.7	2.3
16/11/2022 2:00:00 AM	57.4	80.6	53.2	67.4	54.7	1.2
16/11/2022 3:00:00 AM	57.3	79.6	53.6	67.3	54.7	0.7
16/11/2022 4:00:00 AM	56.9	75.6	54.1	66.9	54.7	0.0
16/11/2022 5:00:00 AM	56.3	74.6	50.6	66.3	54.7	1.2
16/11/2022 6:00:00 AM	58.9	76.3	55.3	68.9	54.7	1.6
16/11/2022 7:00:00 AM	57.6	80.5	54.3	57.6	54.7	0.3
16/11/2022 8:00:00 AM	56.3	79.6	52.3	56.3	54.7	0.0
L <sub>eq</sub> 24 Hrs.	57.5	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	90.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.8	-	-	-
L <sub>dn</sub>	-	-	-	64.0	-	-
เสียงรบกวน	-	-	-	-	-	1.4
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

END OF REPORT

Tested by

สีทิธีวาท นูนไธ

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

มิส.ชอติกา ลอยทาวินาน

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

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## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกิจกรรม (dB(A))	เสียงรบกวน (dB(A))
16/11/2022 9:00:00 AM	59.6	72.1	50.4	59.6	54.7	7.7
16/11/2022 10:00:00 AM	58.6	73.6	48.6	58.6	54.7	8.0
16/11/2022 11:00:00 AM	59.6	74.6	48.5	59.6	54.7	9.6
16/11/2022 12:00:00 PM	59.7	75.4	49.6	59.7	54.7	8.6
16/11/2022 1:00:00 PM	58.6	80.4	48.7	58.6	54.7	7.9
16/11/2022 2:00:00 PM	60.1	79.6	50.2	60.1	54.7	8.4
16/11/2022 3:00:00 PM	69.4	81.5	51.4	69.4	54.7	18.0
16/11/2022 4:00:00 PM	58.9	83.6	48.7	58.9	54.7	8.2
16/11/2022 5:00:00 PM	60.2	85.4	49.6	60.2	54.7	9.1
16/11/2022 6:00:00 PM	59.8	88.6	48.7	59.8	54.7	9.6
16/11/2022 7:00:00 PM	58.7	89.6	45.6	58.7	54.7	11.1
16/11/2022 8:00:00 PM	59.7	71.4	45.8	59.7	54.7	12.4
16/11/2022 9:00:00 PM	61.2	69.8	44.7	61.2	54.7	15.5
16/11/2022 10:00:00 PM	61.4	69.5	46.3	71.4	54.7	14.1
16/11/2022 11:00:00 PM	60.4	71.4	47.8	70.4	54.7	11.1
17/11/2022 12:00:00 AM	58.9	73.6	48.7	68.9	54.7	8.2
17/11/2022 1:00:00 AM	58.7	74.1	46.3	68.7	54.7	10.4
17/11/2022 2:00:00 AM	57.4	71.5	47.8	67.4	54.7	6.6
17/11/2022 3:00:00 AM	59.6	70.3	50.1	69.6	54.7	8.0
17/11/2022 4:00:00 AM	57.8	72.4	47.5	67.8	54.7	7.3
17/11/2022 5:00:00 AM	55.6	70.4	46.3	65.6	54.7	2.3
17/11/2022 6:00:00 AM	54.8	71.5	48.6	64.8	54.7	0.0
17/11/2022 7:00:00 AM	55.6	70.4	49.8	55.6	54.7	0.0
17/11/2022 8:00:00 AM	54.7	72.3	47.5	54.7	54.7	0.2
L <sub>eq</sub> 24 Hrs.	59.1	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	89.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	48.2	-	-	-
L <sub>dn</sub>	-	-	-	65.6	-	-
เสียงรบกวน	-	-	-	-	-	8.4
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธีวาท นุโน

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

ชชชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกิจกรรม (dB(A))	เสียงรบกวน (dB(A))
17/11/2022 9:00:00 AM	58.4	69.4	49.8	58.4	53.6	7.1
17/11/2022 10:00:00 AM	56.4	70.4	48.7	56.4	53.6	4.7
17/11/2022 11:00:00 AM	55.1	80.4	47.5	55.1	53.6	3.1
17/11/2022 12:00:00 PM	60.4	80.2	49.8	60.4	53.6	9.6
17/11/2022 1:00:00 PM	61.3	80.6	50.1	61.3	53.6	10.7
17/11/2022 2:00:00 PM	60.2	81.3	49.6	60.2	53.6	9.6
17/11/2022 3:00:00 PM	63.2	79.6	48.7	63.2	53.6	14.0
17/11/2022 4:00:00 PM	55.9	79.5	50.1	55.9	53.6	1.3
17/11/2022 5:00:00 PM	56.3	79.6	52.3	56.3	53.6	1.0
17/11/2022 6:00:00 PM	54.6	78.5	52.3	54.6	53.6	0.0
17/11/2022 7:00:00 PM	54.6	75.6	54.1	54.6	53.6	0.0
17/11/2022 8:00:00 PM	53.6	74.1	55.4	53.6	53.6	0.0
17/11/2022 9:00:00 PM	59.8	74.6	52.3	59.8	53.6	6.0
17/11/2022 10:00:00 PM	60.1	80.4	51.2	70.1	53.6	7.9
17/11/2022 11:00:00 PM	60.4	81.3	50.1	70.4	53.6	9.3
18/11/2022 12:00:00 AM	58.9	82.1	52.1	68.9	53.6	5.3
18/11/2022 1:00:00 AM	57.8	79.3	53.1	67.8	53.6	2.7
18/11/2022 2:00:00 AM	57.4	75.4	54.1	67.4	53.6	1.3
18/11/2022 3:00:00 AM	56.3	75.6	53.2	66.3	53.6	0.1
18/11/2022 4:00:00 AM	56.2	74.1	51.0	66.2	53.6	2.2
18/11/2022 5:00:00 AM	57.4	73.6	52.3	67.4	53.6	3.1
18/11/2022 6:00:00 AM	58.9	70.4	53.1	68.9	53.6	4.3
18/11/2022 7:00:00 AM	57.8	69.5	54.1	57.8	53.6	1.7
18/11/2022 8:00:00 AM	58.6	71.4	52.1	58.6	53.6	5.0
L <sub>eq</sub> 24 Hrs.	57.9	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	82.1	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	51.5	-	-	-
L <sub>dn</sub>	-	-	-	64.8	-	-
เสียงรบกวน	-	-	-	-	-	4.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval

Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
28/08/2022 9:00:00 AM	59.4	70.4	50.0	59.4	57.4	4.9
28/08/2022 10:00:00 AM	60.1	70.4	55.2	60.1	57.4	1.9
28/08/2022 11:00:00 AM	58.9	70.3	54.1	58.9	57.4	0.3
28/08/2022 12:00:00 PM	57.4	70.5	50.1	57.4	57.4	0.3
28/08/2022 1:00:00 PM	61.5	70.6	52.1	61.5	57.4	7.4
28/08/2022 2:00:00 PM	61.4	70.4	53.2	61.4	57.4	6.2
28/08/2022 3:00:00 PM	60.5	75.4	54.1	60.5	57.4	3.4
28/08/2022 4:00:00 PM	59.8	75.6	55.4	59.8	57.4	0.0
28/08/2022 5:00:00 PM	59.8	74.5	50.1	59.8	57.4	5.2
28/08/2022 6:00:00 PM	59.4	73.6	53.2	59.4	57.4	1.7
28/08/2022 7:00:00 PM	62.3	73.2	50.1	62.3	57.4	10.7
28/08/2022 8:00:00 PM	62.1	72.4	54.6	62.1	57.4	6.0
28/08/2022 9:00:00 PM	62.5	85.6	54.1	62.5	57.4	6.9
28/08/2022 10:00:00 PM	60.1	86.3	59.6	60.1	57.4	0.0
28/08/2022 11:00:00 PM	60.4	90.5	58.7	60.4	57.4	0.0
29/08/2022 12:00:00 AM	58.9	68.5	56.4	58.9	57.4	0.0
29/08/2022 1:00:00 AM	59.8	75.4	54.1	59.8	57.4	1.2
29/08/2022 2:00:00 AM	60.1	75.4	54.3	60.1	57.4	2.8
29/08/2022 3:00:00 AM	60.3	74.6	53.2	60.3	57.4	4.1
29/08/2022 4:00:00 AM	65.6	73.2	53.5	65.6	57.4	11.6
29/08/2022 5:00:00 AM	64.5	73.1	53.6	64.5	57.4	9.9
29/08/2022 6:00:00 AM	63.5	74.5	50.4	63.5	57.4	11.6
29/08/2022 7:00:00 AM	60.4	74.9	59.6	60.4	57.4	0.0
29/08/2022 8:00:00 AM	61.2	73.6	55.4	61.2	57.4	3.8
L <sub>eq</sub> 24 Hrs.	60.8	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	90.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	54.0	-	-	-
L <sub>dn</sub>	-	-	-	61.3	-	-
เสียงรบกวน	-	-	-	-	-	4.2
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

ศิริทิวิจัน

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval

Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

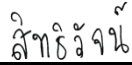
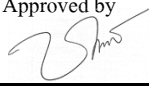
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
14/11/2022 9:00:00 AM	65.8	79.5
14/11/2022 10:00:00 AM	65.4	80.6
14/11/2022 11:00:00 AM	64.2	75.6
14/11/2022 12:00:00 PM	66.3	78.9
14/11/2022 1:00:00 PM	65.4	78.4
14/11/2022 2:00:00 PM	64.1	76.3
14/11/2022 3:00:00 PM	63.2	80.6
14/11/2022 4:00:00 PM	55.6	81.5
<b>Eighth Hours Measurement</b>	<b>63.8</b>	<b>78.9</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

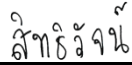
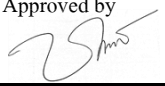
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
15/11/2022 9:00:00 AM	60.1	79.6
15/11/2022 10:00:00 AM	59.8	79.4
15/11/2022 11:00:00 AM	58.6	78.6
15/11/2022 12:00:00 PM	56.5	75.6
15/11/2022 1:00:00 PM	55.6	90.5
15/11/2022 2:00:00 PM	57.8	90.4
15/11/2022 3:00:00 PM	57.9	90.1
15/11/2022 4:00:00 PM	56.4	85.6
<b>Eighth Hours Measurement</b>	<b>57.8</b>	<b>83.7</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

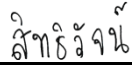
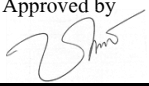
**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
16/11/2022 9:00:00 AM	59.6	72.1
16/11/2022 10:00:00 AM	58.6	73.6
16/11/2022 11:00:00 AM	59.6	74.6
16/11/2022 12:00:00 PM	59.7	75.4
16/11/2022 1:00:00 PM	58.6	80.4
16/11/2022 2:00:00 PM	60.1	79.6
16/11/2022 3:00:00 PM	69.40	81.5
16/11/2022 4:00:00 PM	58.9	83.6
<b>Eighth Hours Measurement</b>	<b>60.6</b>	<b>77.6</b>



=====END OF REPORT=====

Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022
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FM-16-01 แก้ไขครั้งที่ 0



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

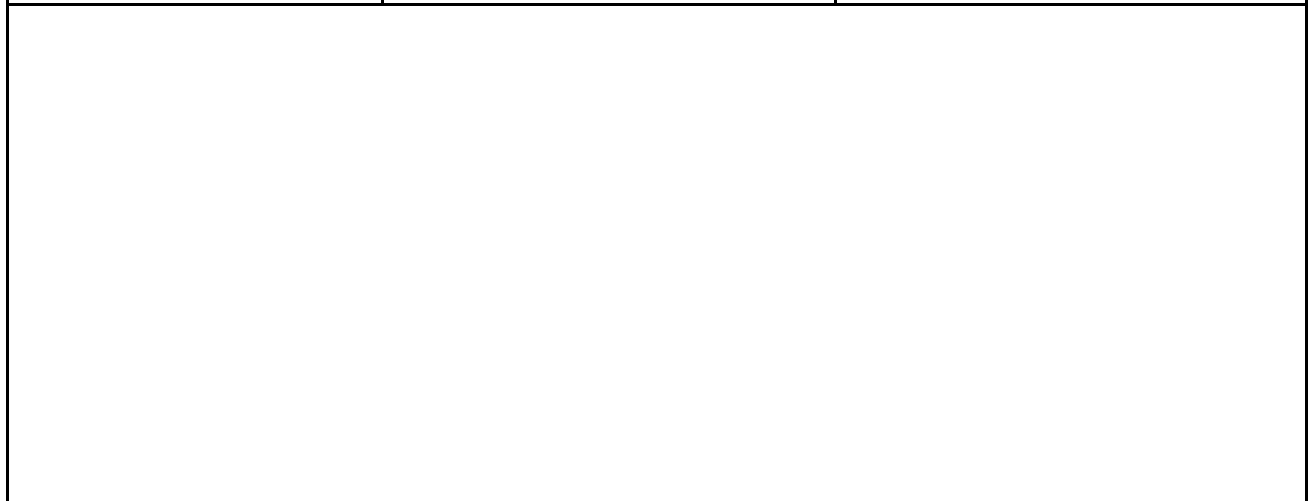
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

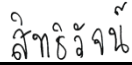
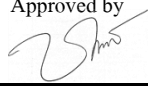
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
17/11/2022 9:00:00 AM	58.4	69.4
17/11/2022 10:00:00 AM	56.4	70.4
17/11/2022 11:00:00 AM	55.1	80.4
17/11/2022 12:00:00 PM	60.4	80.2
17/11/2022 1:00:00 PM	61.3	80.6
17/11/2022 2:00:00 PM	60.2	81.3
17/11/2022 3:00:00 PM	63.2	79.6
17/11/2022 4:00:00 PM	55.9	79.5
<b>Eighth Hours Measurement</b>	<b>58.9</b>	<b>77.7</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

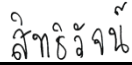
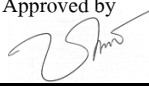
## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงแต่งแร่ (47P 0807445, 1699250)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
18/11/2022 9:00:00 AM	59.4	70.4
18/11/2022 10:00:00 AM	60.1	70.4
18/11/2022 11:00:00 AM	58.9	70.3
18/11/2022 12:00:00 PM	57.4	70.5
18/11/2022 1:00:00 PM	61.5	70.6
18/11/2022 2:00:00 PM	61.4	70.4
18/11/2022 3:00:00 PM	60.5	75.4
18/11/2022 4:00:00 PM	59.8	75.6
<b>Eighth Hours Measurement</b>	<b>59.9</b>	<b>71.7</b>



=====END OF REPORT=====

Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022
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FM-16-01 แก้ไขครั้งที่ 0



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
14/11/2022 9:00:00 AM	67.5	90.4	55.4	67.5	58.4	11.6
14/11/2022 10:00:00 AM	64.1	98.5	53.6	64.1	58.4	9.0
14/11/2022 11:00:00 AM	60.1	87.4	57.4	60.1	58.4	0.0
14/11/2022 12:00:00 PM	60.5	83.5	55.6	60.5	58.4	0.4
14/11/2022 1:00:00 PM	68.5	95.4	56.9	68.5	58.4	11.1
14/11/2022 2:00:00 PM	63.2	90.1	55.1	63.2	58.4	6.6
14/11/2022 3:00:00 PM	63.1	89.5	58.1	63.1	58.4	3.5
14/11/2022 4:00:00 PM	67.4	85.4	58.7	67.4	58.4	8.2
14/11/2022 5:00:00 PM	64.6	86.1	59.6	64.6	58.4	3.5
14/11/2022 6:00:00 PM	58.4	85.4	52.1	58.4	58.4	0.0
14/11/2022 7:00:00 PM	60.0	70.5	54.2	60.0	58.4	1.3
14/11/2022 8:00:00 PM	59.1	71.5	55.4	59.1	58.4	0.0
14/11/2022 9:00:00 PM	61.4	70.4	55.4	61.4	58.4	3.0
14/11/2022 10:00:00 PM	58.7	70.6	53.6	68.7	58.4	0.0
14/11/2022 11:00:00 PM	58.7	65.5	54.1	68.7	58.4	0.0
15/11/2022 12:00:00 AM	59.6	65.6	50.1	69.6	58.4	2.5
15/11/2022 1:00:00 AM	61.3	66.0	49.5	71.3	58.4	8.8
15/11/2022 2:00:00 AM	59.8	66.0	50.2	69.8	58.4	2.6
15/11/2022 3:00:00 AM	58.7	61.3	52.1	68.7	58.4	0.0
15/11/2022 4:00:00 AM	59.7	64.1	52.4	69.7	58.4	0.3
15/11/2022 5:00:00 AM	60.2	64.8	53.0	70.2	58.4	2.7
15/11/2022 6:00:00 AM	61.5	69.3	54.2	71.5	58.4	4.3
15/11/2022 7:00:00 AM	62.5	70.6	56.2	62.5	58.4	4.3
15/11/2022 8:00:00 AM	68.7	70.5	57.1	68.7	58.4	11.1
L <sub>eq</sub> 24 Hrs.	62.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	98.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	54.6	-	-	-
L <sub>dn</sub>	-	-	-	67.4	-	-
เสียงรบกวน	-	-	-	-	-	4.0
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
15/11/2022 9:00:00 AM	63.1	79.5	56.1	63.1	57.4	5.5
15/11/2022 10:00:00 AM	63.2	78.4	57.4	63.2	57.4	4.3
15/11/2022 11:00:00 AM	65.4	83.2	59.6	65.4	57.4	5.3
15/11/2022 12:00:00 PM	62.4	86.5	58.4	62.4	57.4	2.5
15/11/2022 1:00:00 PM	62.1	87.4	57.9	62.1	57.4	2.7
15/11/2022 2:00:00 PM	62.8	85.6	58.9	62.8	57.4	2.4
15/11/2022 3:00:00 PM	64.5	86.5	59.6	64.5	57.4	3.9
15/11/2022 4:00:00 PM	60.4	79.6	55.4	60.4	57.4	2.0
15/11/2022 5:00:00 PM	58.9	74.1	54.1	58.9	57.4	0.3
15/11/2022 6:00:00 PM	58.7	70.4	53.1	58.7	57.4	0.0
15/11/2022 7:00:00 PM	57.4	65.4	53.6	57.4	57.4	0.0
15/11/2022 8:00:00 PM	57.6	64.2	53.2	57.6	57.4	0.0
15/11/2022 9:00:00 PM	58.4	64.1	53.1	58.4	57.4	0.0
15/11/2022 10:00:00 PM	57.4	68.5	49.5	67.4	57.4	0.9
15/11/2022 11:00:00 PM	58.6	68.7	50.1	68.6	57.4	1.5
16/11/2022 12:00:00 AM	58.7	65.4	50.2	68.7	57.4	1.5
16/11/2022 1:00:00 AM	57.8	76.9	51.4	67.8	57.4	0.0
16/11/2022 2:00:00 AM	58.9	64.1	50.6	68.9	57.4	3.8
16/11/2022 3:00:00 AM	58.7	64.8	51.4	68.7	57.4	0.3
16/11/2022 4:00:00 AM	58.7	64.8	50.9	68.7	57.4	0.8
16/11/2022 5:00:00 AM	60.1	64.7	50.1	70.1	57.4	7.0
16/11/2022 6:00:00 AM	59.8	64.9	53.1	69.8	57.4	2.2
16/11/2022 7:00:00 AM	62.1	90.4	53.8	62.1	57.4	6.8
16/11/2022 8:00:00 AM	67.4	90.5	58.4	67.4	57.4	8.5
L <sub>eq</sub> 24 Hrs.	60.5	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	90.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	54.2	-	-	-
L <sub>dn</sub>	-	-	-	66.0	-	-
เสียงรบกวน	-	-	-	-	-	2.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

ศิริทิพย์ นูนไธ

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชัชวาลย์ วัฒนาวิน

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
16/11/2022 9:00:00 AM	65.4	90.7	56.4	65.4	59.4	7.5
16/11/2022 10:00:00 AM	64.6	91.5	57.4	64.6	59.4	5.7
16/11/2022 11:00:00 AM	64.3	85.6	58.6	64.3	59.4	4.2
16/11/2022 12:00:00 PM	64.8	87.4	56.3	64.8	59.4	7.0
16/11/2022 1:00:00 PM	65.4	87.6	55.4	65.4	59.4	8.5
16/11/2022 2:00:00 PM	62.3	83.1	54.3	62.3	59.4	5.0
16/11/2022 3:00:00 PM	65.4	80.5	57.9	65.4	59.4	6.0
16/11/2022 4:00:00 PM	62.4	89.4	55.6	62.4	59.4	3.8
16/11/2022 5:00:00 PM	60.1	80.4	52.1	60.1	59.4	1.0
16/11/2022 6:00:00 PM	60.2	66.4	56.4	60.2	59.4	0.0
16/11/2022 7:00:00 PM	60.8	66.9	54.1	60.8	59.4	0.0
16/11/2022 8:00:00 PM	60.4	67.4	50.4	60.4	59.4	3.0
16/11/2022 9:00:00 PM	59.6	66.0	51.4	59.6	59.4	1.2
16/11/2022 10:00:00 PM	60.2	65.8	52.1	70.2	59.4	1.1
16/11/2022 11:00:00 PM	60.5	67.8	52.3	70.5	59.4	1.2
17/11/2022 12:00:00 AM	59.4	66.3	53.1	69.4	59.4	0.0
17/11/2022 1:00:00 AM	59.8	66.9	51.0	69.8	59.4	1.8
17/11/2022 2:00:00 AM	59.7	64.1	51.2	69.7	59.4	1.5
17/11/2022 3:00:00 AM	59.8	63.2	51.6	69.8	59.4	1.2
17/11/2022 4:00:00 AM	59.5	63.2	50.7	69.5	59.4	1.8
17/11/2022 5:00:00 AM	60.5	64.5	52.9	70.5	59.4	0.6
17/11/2022 6:00:00 AM	60.4	75.4	53.2	70.4	59.4	0.2
17/11/2022 7:00:00 AM	65.4	93.1	55.4	65.4	59.4	8.5
17/11/2022 8:00:00 AM	67.4	94.6	58.9	67.4	59.4	8.0
L <sub>eq</sub> 24 Hrs.	62.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	94.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	54.1	-	-	-
L <sub>dn</sub>	-	-	-	67.2	-	-
เสียงรบกวน	-	-	-	-	-	3.3
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
17/11/2022 9:00:00 AM	63.2	93.2	57.8	63.2	58.7	3.9
17/11/2022 10:00:00 AM	62.1	89.7	57.4	62.1	58.7	1.7
17/11/2022 11:00:00 AM	63.5	87.4	54.1	63.5	58.7	7.9
17/11/2022 12:00:00 PM	61.2	83.6	55.6	61.2	58.7	2.6
17/11/2022 1:00:00 PM	61.5	79.6	55.4	61.5	58.7	3.1
17/11/2022 2:00:00 PM	59.6	78.4	55.1	59.6	58.7	0.0
17/11/2022 3:00:00 PM	60.1	87.4	55.5	60.1	58.7	0.0
17/11/2022 4:00:00 PM	61.4	85.6	54.9	61.4	58.7	3.5
17/11/2022 5:00:00 PM	60.9	67.4	54.1	60.9	58.7	2.3
17/11/2022 6:00:00 PM	60.8	67.1	54.6	60.8	58.7	1.7
17/11/2022 7:00:00 PM	60.9	68.0	54.8	60.9	58.7	1.6
17/11/2022 8:00:00 PM	60.4	64.0	53.9	60.4	58.7	2.0
17/11/2022 9:00:00 PM	60.7	64.1	53.4	60.7	58.7	2.8
17/11/2022 10:00:00 PM	60.3	64.9	53.8	70.3	58.7	2.0
17/11/2022 11:00:00 PM	59.6	65.0	54.7	69.6	58.7	0.0
18/11/2022 12:00:00 AM	59.1	65.4	55.4	69.1	58.7	0.0
18/11/2022 1:00:00 AM	59.6	65.9	51.4	69.6	58.7	1.2
18/11/2022 2:00:00 AM	59.8	65.7	52.1	69.8	58.7	0.7
18/11/2022 3:00:00 AM	60.2	64.9	52.1	70.2	58.7	3.6
18/11/2022 4:00:00 AM	59.6	64.8	52.3	69.6	58.7	0.3
18/11/2022 5:00:00 AM	59.8	64.1	51.3	69.8	58.7	1.5
18/11/2022 6:00:00 AM	58.7	64.8	52.0	68.7	58.7	0.0
18/11/2022 7:00:00 AM	58.7	64.3	50.1	58.7	58.7	1.6
18/11/2022 8:00:00 AM	59.3	65.0	52.0	59.3	58.7	0.3
L <sub>eq</sub> 24 Hrs.	60.5	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	93.2	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.9	-	-	-
L <sub>dn</sub>	-	-	-	66.3	-	-
เสียงรบกวน	-	-	-	-	-	1.8
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์ นุ้ย

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกิจกรรม (dB(A))	เสียงรบกวน (dB(A))
18/11/2022 9:00:00 AM	60.8	63.5	55.4	60.8	57.4	2.4
18/11/2022 10:00:00 AM	60.4	63.9	55.8	60.4	57.4	1.6
18/11/2022 11:00:00 AM	60.4	62.7	54.8	60.4	57.4	2.6
18/11/2022 12:00:00 PM	60.0	79.8	54.7	60.0	57.4	2.3
18/11/2022 1:00:00 PM	64.5	84.5	55.4	64.5	57.4	8.1
18/11/2022 2:00:00 PM	65.7	85.6	53.6	65.7	57.4	11.6
18/11/2022 3:00:00 PM	64.9	86.5	55.4	64.9	57.4	9.0
18/11/2022 4:00:00 PM	64.1	87.4	54.8	64.1	57.4	8.3
18/11/2022 5:00:00 PM	65.4	87.6	55.9	65.4	57.4	9.0
18/11/2022 6:00:00 PM	65.4	90.6	55.4	65.4	57.4	9.5
18/11/2022 7:00:00 PM	63.5	92.4	55.7	63.5	57.4	6.3
18/11/2022 8:00:00 PM	68.9	92.3	58.9	68.9	57.4	9.5
18/11/2022 9:00:00 PM	67.4	94.1	59.8	67.4	57.4	7.1
18/11/2022 10:00:00 PM	60.1	90.4	56.1	70.1	57.4	1.0
18/11/2022 11:00:00 PM	59.4	75.6	55.0	69.4	57.4	0.0
19/11/2022 12:00:00 AM	58.4	74.3	50.4	68.4	57.4	1.0
19/11/2022 1:00:00 AM	57.4	76.3	51.4	67.4	57.4	0.0
19/11/2022 2:00:00 AM	58.4	74.6	51.8	68.4	57.4	0.0
19/11/2022 3:00:00 AM	60.2	67.3	52.4	70.2	57.4	4.8
19/11/2022 4:00:00 AM	60.8	66.6	52.9	70.8	57.4	4.9
19/11/2022 5:00:00 AM	60.4	65.4	54.6	70.4	57.4	2.8
19/11/2022 6:00:00 AM	61.2	65.8	55.4	71.2	57.4	3.8
19/11/2022 7:00:00 AM	60.9	65.8	55.9	60.9	57.4	3.0
19/11/2022 8:00:00 AM	59.6	65.8	56.7	59.6	57.4	0.0
L <sub>eq</sub> 24 Hrs.	62.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	94.1	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	54.9	-	-	-
L <sub>dn</sub>	-	-	-	67.2	-	-
เสียงรบกวน	-	-	-	-	-	4.5
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

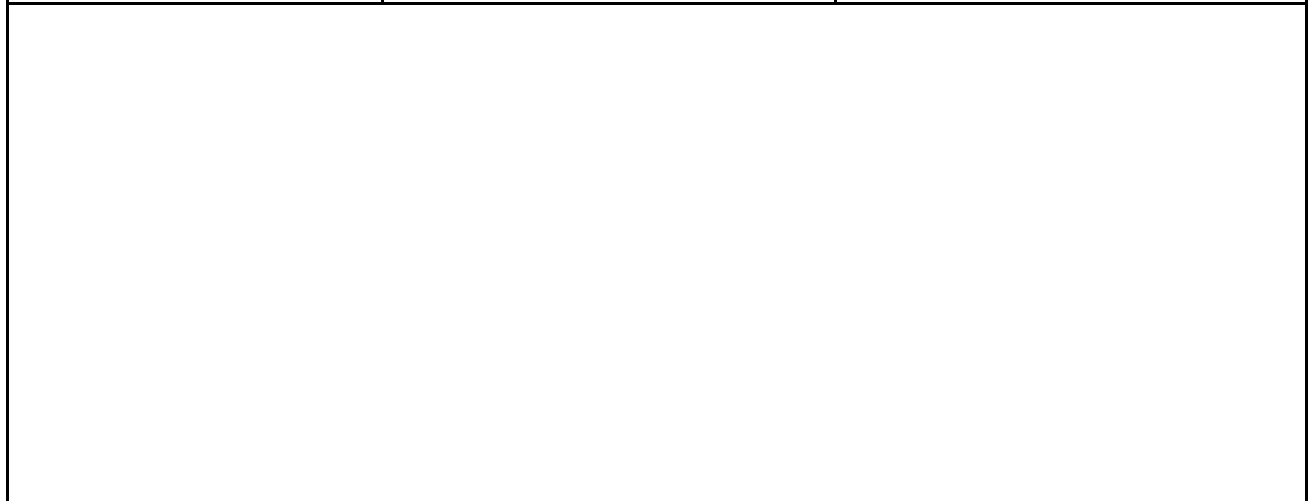
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

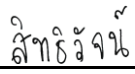
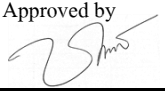
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
14/11/2022 9:00:00 AM	67.5	90.4
14/11/2022 10:00:00 AM	64.1	98.5
14/11/2022 11:00:00 AM	60.1	87.4
14/11/2022 12:00:00 PM	60.5	83.5
14/11/2022 1:00:00 PM	68.5	95.4
14/11/2022 2:00:00 PM	63.2	90.1
14/11/2022 3:00:00 PM	63.1	89.5
14/11/2022 4:00:00 PM	67.4	85.4
<b>Eighth Hours Measurement</b>	<b>64.3</b>	<b>90.0</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

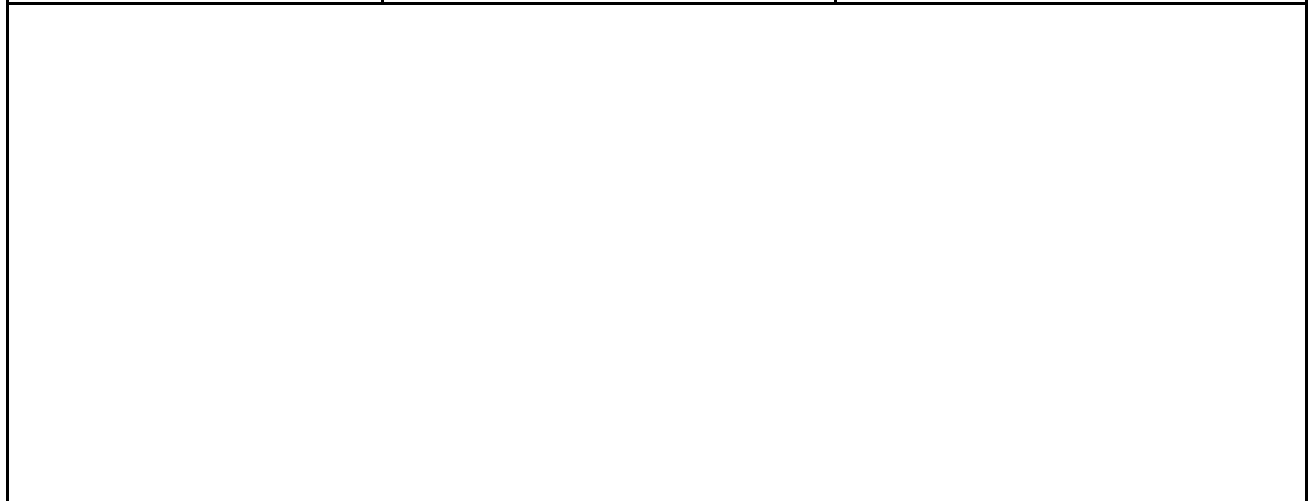
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

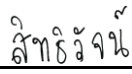
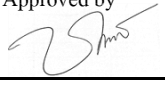
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
15/11/2022 9:00:00 AM	63.1	79.5
15/11/2022 10:00:00 AM	63.2	78.4
15/11/2022 11:00:00 AM	65.4	83.2
15/11/2022 12:00:00 PM	62.4	86.5
15/11/2022 1:00:00 PM	62.1	87.4
15/11/2022 2:00:00 PM	62.8	85.6
15/11/2022 3:00:00 PM	64.5	86.5
15/11/2022 4:00:00 PM	60.4	79.6
<b>Eighth Hours Measurement</b>	<b>63.0</b>	<b>83.3</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

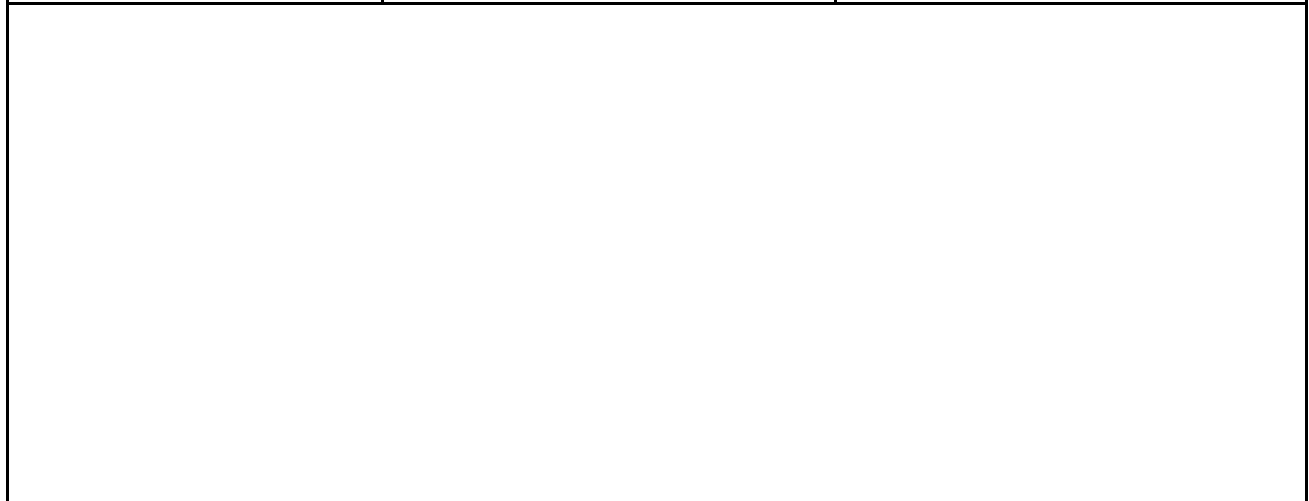
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

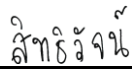
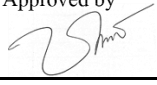
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
16/11/2022 9:00:00 AM	65.4	90.7
16/11/2022 10:00:00 AM	64.6	91.5
16/11/2022 11:00:00 AM	64.3	85.6
16/11/2022 12:00:00 PM	64.8	87.4
16/11/2022 1:00:00 PM	65.4	87.6
16/11/2022 2:00:00 PM	62.3	83.1
16/11/2022 3:00:00 PM	65.4	80.5
16/11/2022 4:00:00 PM	62.4	89.4
<b>Eighth Hours Measurement</b>	<b>64.3</b>	<b>87.0</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

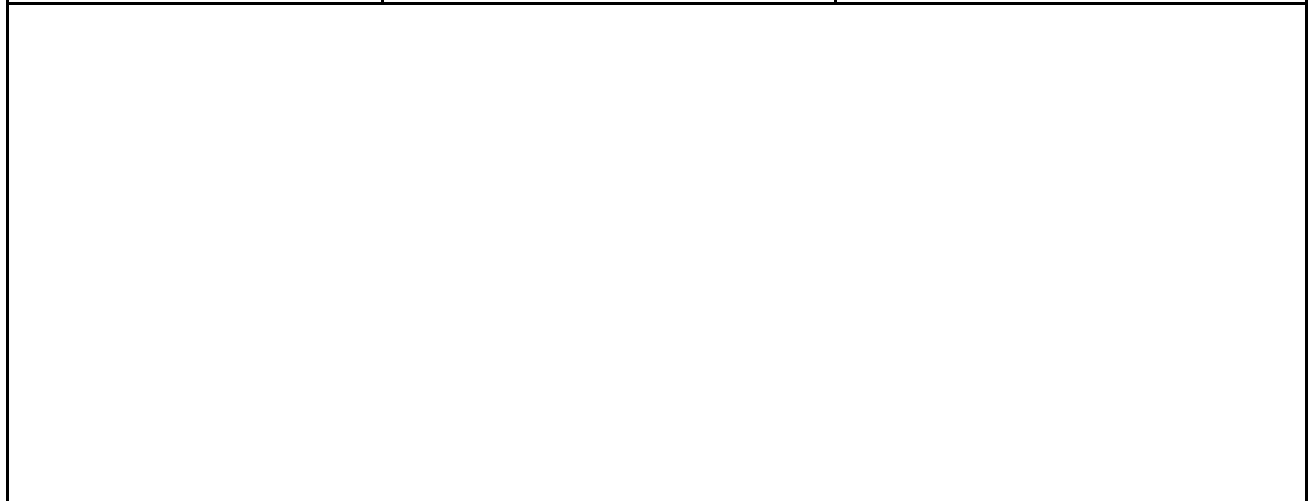
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

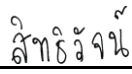
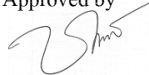
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
17/11/2022 9:00:00 AM	63.2	93.2
17/11/2022 10:00:00 AM	62.1	89.7
17/11/2022 11:00:00 AM	63.5	87.4
17/11/2022 12:00:00 PM	61.2	83.6
17/11/2022 1:00:00 PM	61.5	79.6
17/11/2022 2:00:00 PM	59.6	78.4
17/11/2022 3:00:00 PM	60.1	87.4
17/11/2022 4:00:00 PM	61.4	85.6
<b>Eighth Hours Measurement</b>	<b>61.6</b>	<b>85.6</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

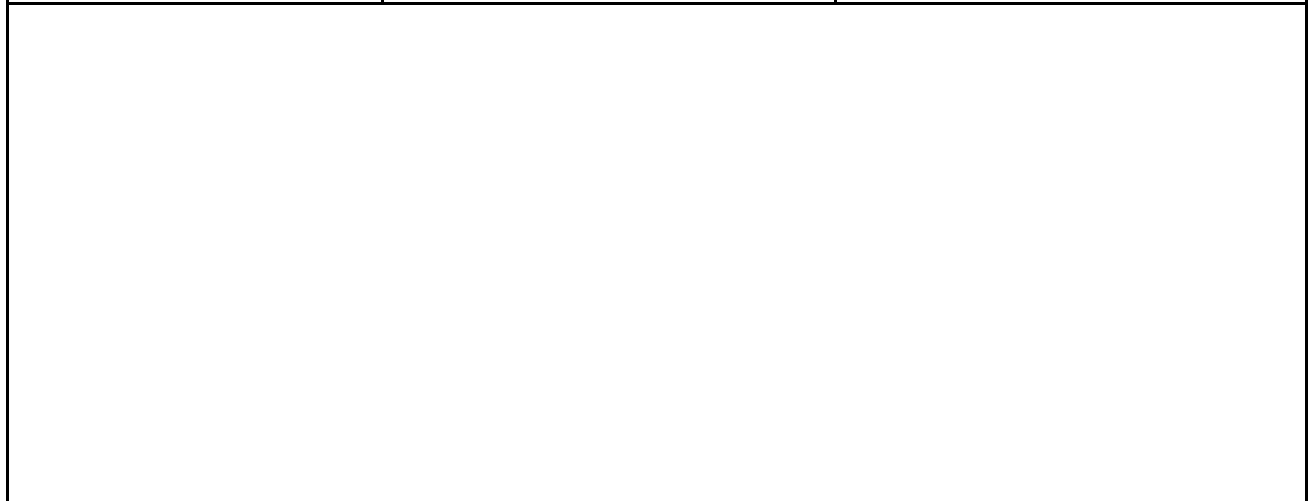
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

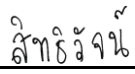
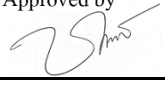
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณวัดชัยมงคล (47P 0805660, 1700156)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
18/11/2022 9:00:00 AM	60.8	63.5
18/11/2022 10:00:00 AM	60.4	63.9
18/11/2022 11:00:00 AM	60.4	62.7
18/11/2022 12:00:00 PM	60.0	79.8
18/11/2022 1:00:00 PM	64.5	84.5
18/11/2022 2:00:00 PM	65.7	85.6
18/11/2022 3:00:00 PM	64.9	86.5
18/11/2022 4:00:00 PM	64.1	87.4
<b>Eighth Hours Measurement</b>	<b>62.6</b>	<b>76.7</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699-
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบทวน (dB(A))	เสียงรบกวน (dB(A))
14/11/2022 9:00:00 AM	57.9	65.8	49.6	57.9	57.4	1.3
14/11/2022 10:00:00 AM	58.4	65.4	50.2	58.4	57.4	1.2
14/11/2022 11:00:00 AM	58.3	66.9	51.5	58.3	57.4	0.0
14/11/2022 12:00:00 PM	57.4	65.4	52.3	57.4	57.4	0.0
14/11/2022 1:00:00 PM	60.2	66.6	52.4	60.2	57.4	4.8
14/11/2022 2:00:00 PM	58.9	66.5	53.2	58.9	57.4	1.2
14/11/2022 3:00:00 PM	60.4	66.2	51.4	60.4	57.4	6.0
14/11/2022 4:00:00 PM	60.1	66.9	52.6	60.1	57.4	4.5
14/11/2022 5:00:00 PM	60.1	64.7	50.4	60.1	57.4	6.7
14/11/2022 6:00:00 PM	60.5	63.5	50.8	60.5	57.4	6.7
14/11/2022 7:00:00 PM	60.5	63.5	50.2	60.5	57.4	7.3
14/11/2022 8:00:00 PM	59.7	65.4	50.1	59.7	57.4	5.1
14/11/2022 9:00:00 PM	58.4	65.8	49.6	58.4	57.4	1.8
14/11/2022 10:00:00 PM	58.3	65.7	49.8	58.3	57.4	1.5
14/11/2022 11:00:00 PM	59.6	63.5	49.8	59.6	57.4	5.3
15/11/2022 12:00:00 AM	59.1	63.5	48.7	59.1	57.4	5.9
15/11/2022 1:00:00 AM	59.8	64.7	49.6	59.8	57.4	5.7
15/11/2022 2:00:00 AM	58.4	66.5	50.4	58.4	57.4	1.0
15/11/2022 3:00:00 AM	57.4	66.8	50.1	57.4	57.4	0.3
15/11/2022 4:00:00 AM	57.6	67.4	50.4	57.6	57.4	0.2
15/11/2022 5:00:00 AM	59.8	67.1	49.8	59.8	57.4	5.5
15/11/2022 6:00:00 AM	59.8	66.9	48.7	59.8	57.4	6.6
15/11/2022 7:00:00 AM	59.7	66.8	48.6	59.7	57.4	6.6
15/11/2022 8:00:00 AM	58.7	64.8	49.5	58.7	57.4	2.2
L <sub>eq</sub> 24 Hrs.	59.1	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	67.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	50.4	-	-	-
L <sub>dn</sub>	-	-	-	65.4	-	-
เสียงรบกวน	-	-	-	-	-	3.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงเรียนบ้านหนองแดง (47P 0809451, 1699
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
15/11/2022 9:00:00 AM	59.6	64.2	50.4	59.6	57.4	4.7
15/11/2022 10:00:00 AM	59.4	63.5	50.2	59.4	57.4	4.7
15/11/2022 11:00:00 AM	60.4	65.4	50.4	60.4	57.4	7.0
15/11/2022 12:00:00 PM	60.2	63.8	50.9	60.2	57.4	6.3
15/11/2022 1:00:00 PM	60.8	65.4	52.4	60.8	57.4	5.4
15/11/2022 2:00:00 PM	61.5	63.5	52.4	61.5	57.4	7.1
15/11/2022 3:00:00 PM	62.5	65.4	51.8	62.5	57.4	9.2
15/11/2022 4:00:00 PM	61.4	65.0	54.1	61.4	57.4	5.3
15/11/2022 5:00:00 PM	59.8	65.3	53.4	59.8	57.4	1.9
15/11/2022 6:00:00 PM	59.7	65.7	52.4	59.7	57.4	2.8
15/11/2022 7:00:00 PM	59.6	65.4	54.7	59.6	57.4	0.4
15/11/2022 8:00:00 PM	60.2	66.9	54.6	60.2	57.4	2.6
15/11/2022 9:00:00 PM	60.4	66.8	53.9	60.4	57.4	3.5
15/11/2022 10:00:00 PM	58.7	67.4	52.4	68.7	57.4	0.0
15/11/2022 11:00:00 PM	58.4	67.5	51.4	68.4	57.4	0.0
16/11/2022 12:00:00 AM	57.9	84.6	49.7	67.9	57.4	1.2
16/11/2022 1:00:00 AM	58.7	85.4	49.8	68.7	57.4	1.9
16/11/2022 2:00:00 AM	58.4	85.4	50.4	68.4	57.4	1.0
16/11/2022 3:00:00 AM	58.7	85.9	53.1	68.7	57.4	0.0
16/11/2022 4:00:00 AM	60.2	86.4	53.1	70.2	57.4	4.1
16/11/2022 5:00:00 AM	60.8	79.5	52.9	70.8	57.4	4.9
16/11/2022 6:00:00 AM	59.8	80.4	53.4	69.8	57.4	1.9
16/11/2022 7:00:00 AM	58.7	82.3	54.1	58.7	57.4	0.0
16/11/2022 8:00:00 AM	58.7	81.5	54.8	58.7	57.4	0.0
L <sub>eq</sub> 24 Hrs.	59.8	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	86.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	52.4	-	-	-
L <sub>dn</sub>	-	-	-	65.8	-	-
เสียงรบกวน	-	-	-	-	-	3.2
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
16/11/2022 9:00:00 AM	60.1	82.5	53.4	60.1	58.7	0.0
16/11/2022 10:00:00 AM	61.4	83.6	53.1	61.4	58.7	5.3
16/11/2022 11:00:00 AM	60.5	79.6	52.4	60.5	58.7	3.6
16/11/2022 12:00:00 PM	60.8	79.5	51.4	60.8	58.7	4.9
16/11/2022 1:00:00 PM	60.5	78.9	50.6	60.5	58.7	5.4
16/11/2022 2:00:00 PM	62.5	65.4	55.3	62.5	58.7	5.2
16/11/2022 3:00:00 PM	64.5	66.5	55.9	64.5	58.7	7.1
16/11/2022 4:00:00 PM	63.2	66.8	55.4	63.2	58.7	6.3
16/11/2022 5:00:00 PM	63.5	64.8	54.8	63.5	58.7	7.2
16/11/2022 6:00:00 PM	62.3	65.2	53.6	62.3	58.7	6.7
16/11/2022 7:00:00 PM	61.5	66.8	53.4	61.5	58.7	5.1
16/11/2022 8:00:00 PM	59.8	65.8	54.5	59.8	58.7	0.0
16/11/2022 9:00:00 PM	59.6	66.5	53.2	59.6	58.7	0.0
16/11/2022 10:00:00 PM	58.7	64.1	50.1	68.7	58.7	1.6
16/11/2022 11:00:00 PM	60.1	68.9	49.5	70.1	58.7	3.6
17/11/2022 12:00:00 AM	60.2	68.7	50.4	70.2	58.7	5.3
17/11/2022 1:00:00 AM	59.8	80.4	52.3	69.8	58.7	0.5
17/11/2022 2:00:00 AM	59.7	80.4	52.6	69.7	58.7	0.1
17/11/2022 3:00:00 AM	60.4	80.4	55.4	70.4	58.7	0.5
17/11/2022 4:00:00 AM	59.8	79.6	51.0	69.8	58.7	1.8
17/11/2022 5:00:00 AM	59.8	82.4	50.4	69.8	58.7	2.4
17/11/2022 6:00:00 AM	61.5	85.4	51.4	71.5	58.7	7.1
17/11/2022 7:00:00 AM	61.5	88.9	52.1	61.5	58.7	6.4
17/11/2022 8:00:00 AM	62.5	89.8	53.6	62.5	58.7	6.9
L <sub>eq</sub> 24 Hrs.	61.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	89.8	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	52.7	-	-	-
L <sub>dn</sub>	-	-	-	66.8	-	-
เสียงรบกวน	-	-	-	-	-	3.9
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธีวาท นุโน

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

ชชชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699-
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
17/11/2022 9:00:00 AM	63.5	85.4	55.4	63.5	58.7	6.6
17/11/2022 10:00:00 AM	62.4	84.7	54.1	62.4	58.7	6.3
17/11/2022 11:00:00 AM	60.5	79.8	54.8	60.5	58.7	1.2
17/11/2022 12:00:00 PM	60.8	80.4	54.6	60.8	58.7	1.7
17/11/2022 1:00:00 PM	61.5	79.5	53.2	61.5	58.7	5.3
17/11/2022 2:00:00 PM	59.8	70.5	52.4	59.8	58.7	0.4
17/11/2022 3:00:00 PM	59.7	70.4	53.6	59.7	58.7	0.0
17/11/2022 4:00:00 PM	59.1	72.5	52.8	59.1	58.7	0.0
17/11/2022 5:00:00 PM	58.7	64.8	53.9	58.7	58.7	0.0
17/11/2022 6:00:00 PM	58.7	65.8	51.0	58.7	58.7	0.7
17/11/2022 7:00:00 PM	60.2	66.9	50.4	60.2	58.7	5.3
17/11/2022 8:00:00 PM	60.1	67.4	51.3	60.1	58.7	1.8
17/11/2022 9:00:00 PM	59.8	68.7	51.8	59.8	58.7	1.0
17/11/2022 10:00:00 PM	59.4	64.3	49.6	69.4	58.7	2.8
17/11/2022 11:00:00 PM	60.1	64.8	49.8	70.1	58.7	3.3
18/11/2022 12:00:00 AM	60.4	80.4	52.5	70.4	58.7	3.4
18/11/2022 1:00:00 AM	60.8	78.5	53.4	70.8	58.7	2.9
18/11/2022 2:00:00 AM	65.1	81.5	58.4	75.1	58.7	5.2
18/11/2022 3:00:00 AM	65.4	82.4	59.8	75.4	58.7	4.6
18/11/2022 4:00:00 AM	64.5	80.4	60.4	74.5	58.7	2.6
18/11/2022 5:00:00 AM	63.2	79.4	59.8	73.2	58.7	1.9
18/11/2022 6:00:00 AM	60.4	80.4	58.4	70.4	58.7	0.0
18/11/2022 7:00:00 AM	60.8	79.5	56.2	60.8	58.7	0.1
18/11/2022 8:00:00 AM	60.4	80.4	55.4	60.4	58.7	0.5
L <sub>eq</sub> 24 Hrs.	61.1	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	85.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	54.3	-	-	-
L <sub>dn</sub>	-	-	-	68.9	-	-
เสียงรบกวน	-	-	-	-	-	2.4
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022





# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณ โรงเรียนบ้านหนองแดง (47P 0809451, 1699
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีมีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
18/11/2022 9:00:00 AM	62.3	79.5	53.6	62.3	58.7	6.7
18/11/2022 10:00:00 AM	61.4	78.5	54.1	61.4	58.7	4.3
18/11/2022 11:00:00 AM	60.8	80.5	55.4	60.8	58.7	0.9
18/11/2022 12:00:00 PM	59.8	74.2	51.4	59.8	58.7	1.4
18/11/2022 1:00:00 PM	58.7	73.5	49.5	58.7	58.7	2.2
18/11/2022 2:00:00 PM	59.6	64.1	49.8	59.6	58.7	2.8
18/11/2022 3:00:00 PM	61.4	64.8	48.7	61.4	58.7	9.7
18/11/2022 4:00:00 PM	59.8	65.8	51.8	59.8	58.7	1.0
18/11/2022 5:00:00 PM	61.2	64.8	48.7	61.2	58.7	9.5
18/11/2022 6:00:00 PM	62.3	66.9	49.6	62.3	58.7	10.7
18/11/2022 7:00:00 PM	60.4	65.4	51.8	60.4	58.7	4.1
18/11/2022 8:00:00 PM	59.8	64.8	52.4	59.8	58.7	0.4
18/11/2022 9:00:00 PM	58.9	70.4	51.4	58.9	58.7	0.5
18/11/2022 10:00:00 PM	62.3	69.5	50.7	72.3	58.7	9.6
18/11/2022 11:00:00 PM	63.2	69.7	49.8	73.2	58.7	11.9
19/11/2022 12:00:00 AM	61.4	65.4	50.4	71.4	58.7	8.0
19/11/2022 1:00:00 AM	60.4	64.8	50.3	70.4	58.7	5.6
19/11/2022 2:00:00 AM	60.3	63.5	50.4	70.3	58.7	5.4
19/11/2022 3:00:00 AM	60.8	64.8	50.4	70.8	58.7	5.9
19/11/2022 4:00:00 AM	59.7	65.4	49.8	69.7	58.7	2.9
19/11/2022 5:00:00 AM	59.7	66.8	48.7	69.7	58.7	4.0
19/11/2022 6:00:00 AM	59.8	67.4	50.4	69.8	58.7	2.4
19/11/2022 7:00:00 AM	61.5	75.4	52.3	61.5	58.7	6.2
19/11/2022 8:00:00 AM	60.9	74.8	55.4	60.9	58.7	1.0
L <sub>eq</sub> 24 Hrs.	60.7	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	80.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	51.1	-	-	-
L <sub>dn</sub>	-	-	-	67.4	-	-
เสียงรบกวน	-	-	-	-	-	4.9
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval

Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

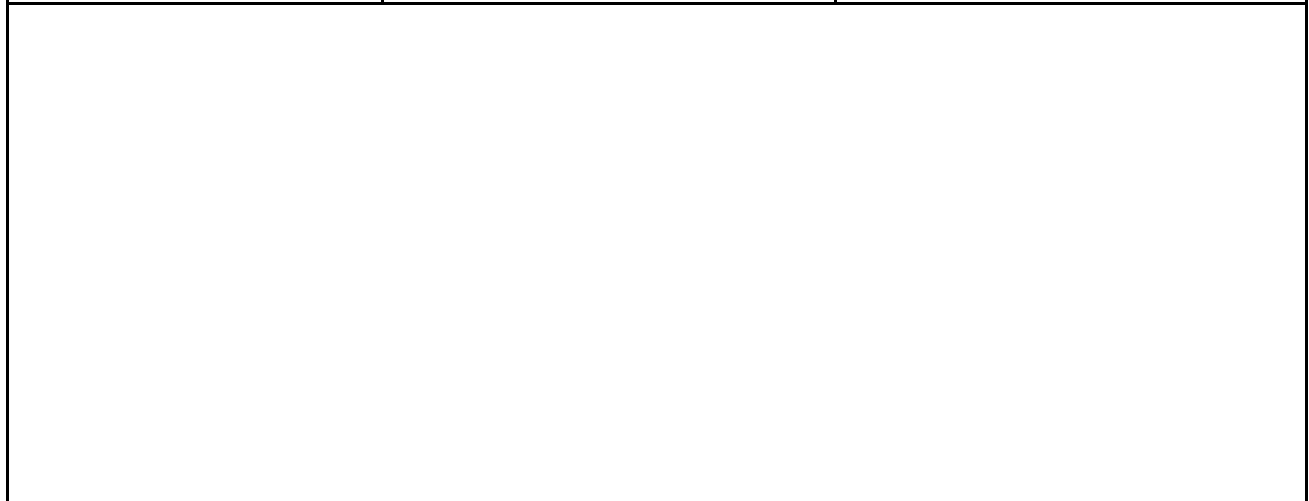
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

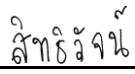
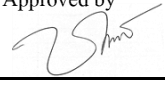
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
14/11/2022 9:00:00 AM	57.9	65.8
14/11/2022 10:00:00 AM	58.4	65.4
14/11/2022 11:00:00 AM	58.3	66.9
14/11/2022 12:00:00 PM	57.4	65.4
14/11/2022 1:00:00 PM	60.2	66.6
14/11/2022 2:00:00 PM	58.9	66.5
14/11/2022 3:00:00 PM	60.4	66.2
14/11/2022 4:00:00 PM	60.1	66.9
<b>Eighth Hours Measurement</b>	<b>59.0</b>	<b>66.2</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

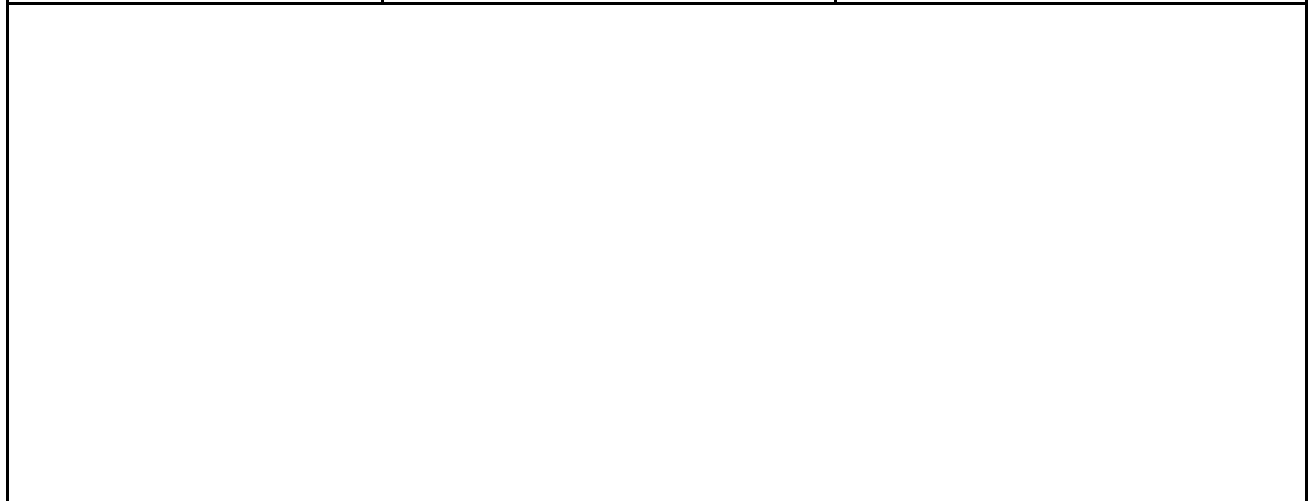
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

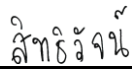
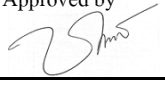
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
15/11/2022 9:00:00 AM	59.6	64.2
15/11/2022 10:00:00 AM	59.4	63.5
15/11/2022 11:00:00 AM	60.4	65.4
15/11/2022 12:00:00 PM	60.2	63.8
15/11/2022 1:00:00 PM	60.8	65.4
15/11/2022 2:00:00 PM	61.5	63.5
15/11/2022 3:00:00 PM	62.5	65.4
15/11/2022 4:00:00 PM	61.4	65.0
<b>Eighth Hours Measurement</b>	<b>60.7</b>	<b>64.5</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

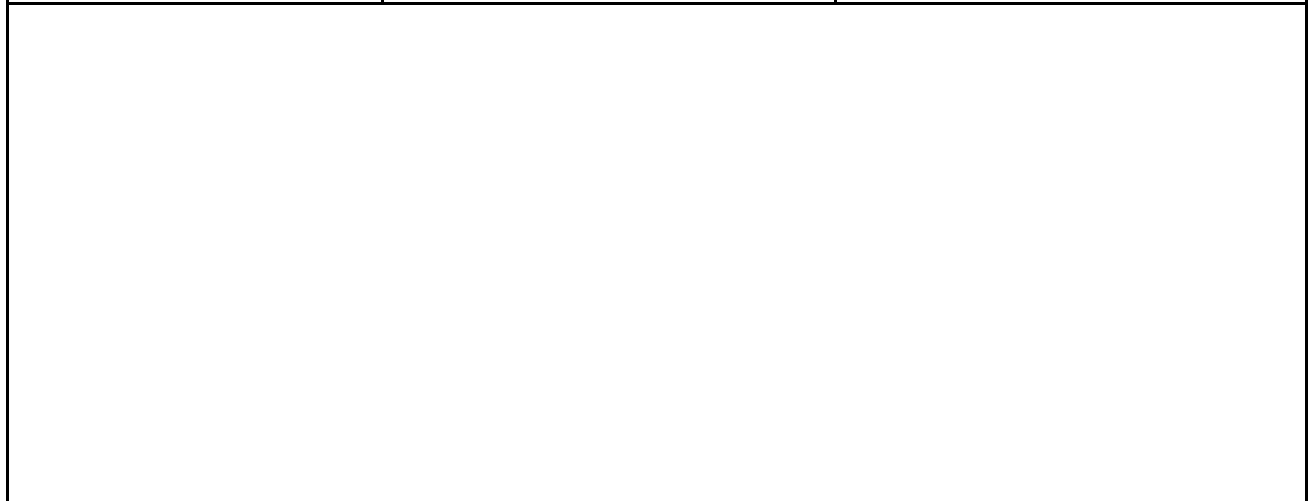
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

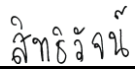
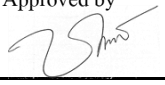
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
16/11/2022 9:00:00 AM	60.1	82.5
16/11/2022 10:00:00 AM	61.4	83.6
16/11/2022 11:00:00 AM	60.5	79.6
16/11/2022 12:00:00 PM	60.8	79.5
16/11/2022 1:00:00 PM	60.5	78.9
16/11/2022 2:00:00 PM	62.5	65.4
16/11/2022 3:00:00 PM	64.5	66.5
16/11/2022 4:00:00 PM	63.2	66.8
<b>Eighth Hours Measurement</b>	<b>61.7</b>	<b>75.4</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

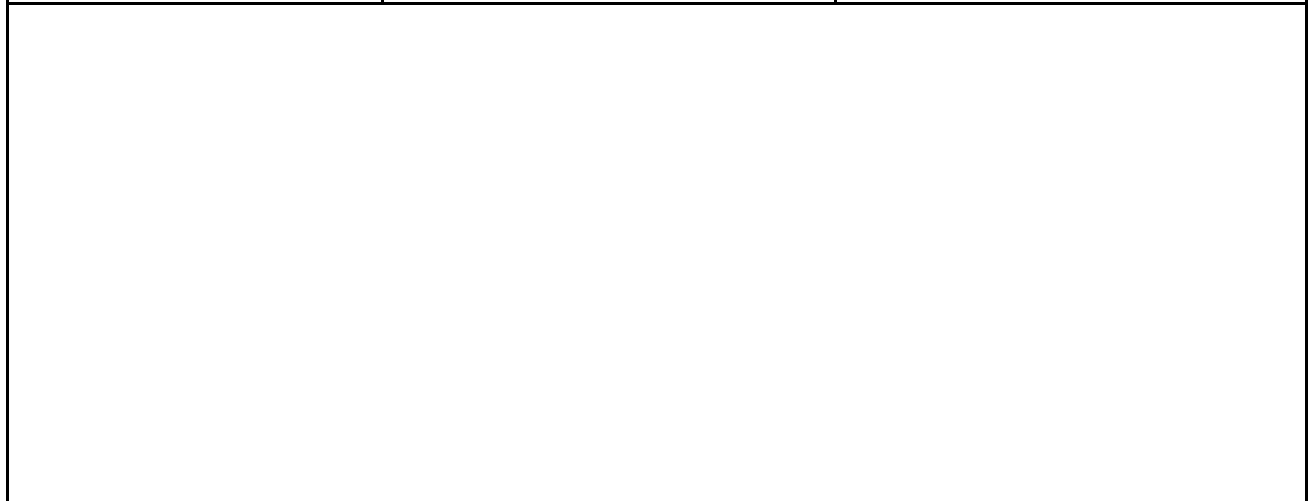
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

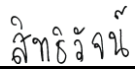
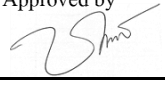
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
17/11/2022 9:00:00 AM	63.5	85.4
17/11/2022 10:00:00 AM	62.4	84.7
17/11/2022 11:00:00 AM	60.5	79.8
17/11/2022 12:00:00 PM	60.8	80.4
17/11/2022 1:00:00 PM	61.5	79.5
17/11/2022 2:00:00 PM	59.8	70.5
17/11/2022 3:00:00 PM	59.7	70.4
17/11/2022 4:00:00 PM	59.1	72.5
<b>Eighth Hours Measurement</b>	<b>60.9</b>	<b>77.9</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

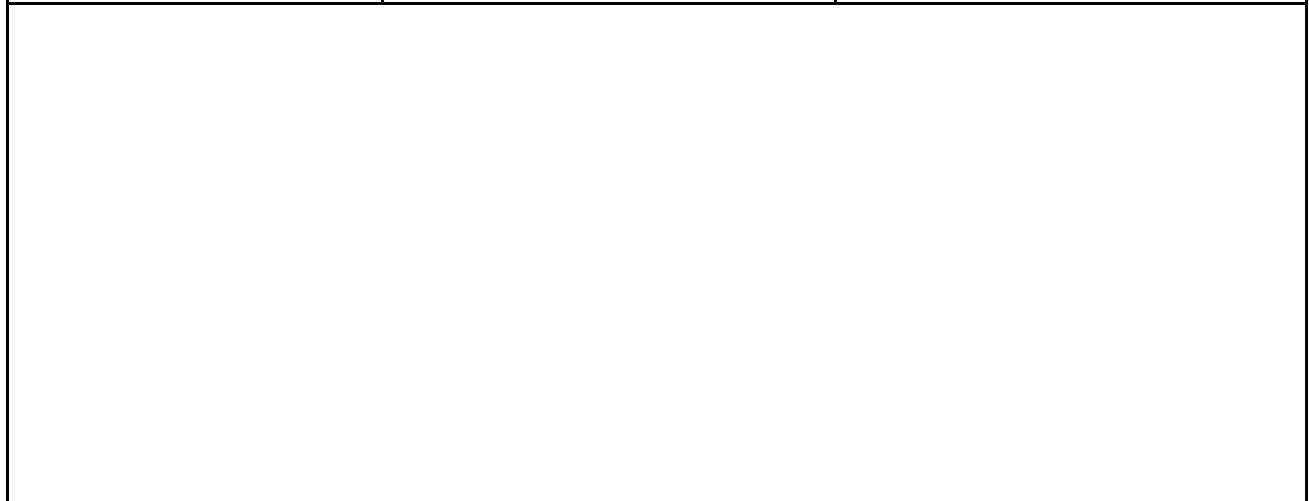
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

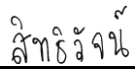
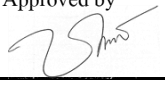
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองแดง (47P 0809451, 1699468)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
18/11/2022 9:00:00 AM	62.3	79.5
18/11/2022 10:00:00 AM	61.4	78.5
18/11/2022 11:00:00 AM	60.8	80.5
18/11/2022 12:00:00 PM	59.8	74.2
18/11/2022 1:00:00 PM	58.7	73.5
18/11/2022 2:00:00 PM	59.6	64.1
18/11/2022 3:00:00 PM	61.4	64.8
18/11/2022 4:00:00 PM	59.8	65.8
<b>Eighth Hours Measurement</b>	<b>60.5</b>	<b>72.6</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 25/11/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0024	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2211-0014		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 14/11/2022 Time : 09.00	Type of testing	: Environment
Received Date	: 21/11/2022 Time : 08.00	Identifier	: Sound Level
Tested Date	: 21/11/2022	Sample Name	: บริเวณ โรงเรียนบ้านหนองสะแก (47P 0805498, 169942
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: -
Location	: Thai kali Co., Ltd.	Condition of sample	: Ambient temperature
Sampling By	: Mr. Khanathip Meemongkol	Reference method	: ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
14/11/2022 9:00:00 AM	55.6	67.8	49.6	55.6	53.9	1.5
14/11/2022 10:00:00 AM	54.6	66.5	45.6	54.6	53.9	2.0
14/11/2022 11:00:00 AM	53.9	67.4	45.6	53.9	53.9	1.3
14/11/2022 12:00:00 PM	54.2	66.5	46.5	54.2	53.9	0.7
14/11/2022 1:00:00 PM	56.9	65.4	53.4	56.9	53.9	0.5
14/11/2022 2:00:00 PM	56.8	64.5	52.1	56.8	53.9	1.7
14/11/2022 3:00:00 PM	59.6	64.3	52.1	59.6	53.9	6.0
14/11/2022 4:00:00 PM	59.2	64.2	51.4	59.2	53.9	6.3
14/11/2022 5:00:00 PM	59.4	65.4	54.3	59.4	53.9	3.6
14/11/2022 6:00:00 PM	59.8	64.1	52.4	59.8	53.9	5.9
14/11/2022 7:00:00 PM	61.5	64.3	50.4	61.5	53.9	10.6
14/11/2022 8:00:00 PM	54.2	65.4	48.7	54.2	53.9	0.0
14/11/2022 9:00:00 PM	54.3	64.5	45.6	54.3	53.9	1.7
14/11/2022 10:00:00 PM	54.3	63.2	44.3	64.3	53.9	3.0
14/11/2022 11:00:00 PM	54.1	63.2	44.7	64.1	53.9	2.4
15/11/2022 12:00:00 AM	55.4	74.6	49.8	65.4	53.9	1.1
15/11/2022 1:00:00 AM	56.9	74.6	48.7	66.9	53.9	5.2
15/11/2022 2:00:00 AM	56.8	75.6	49.7	66.8	53.9	4.1
15/11/2022 3:00:00 AM	56.7	79.6	45.7	66.7	53.9	8.0
15/11/2022 4:00:00 AM	59.6	81.2	49.8	69.6	53.9	8.3
15/11/2022 5:00:00 AM	60.2	85.6	51.4	70.2	53.9	7.3
15/11/2022 6:00:00 AM	60.1	84.6	54.2	70.1	53.9	4.4
15/11/2022 7:00:00 AM	59.8	85.4	55.4	59.8	53.9	2.9
15/11/2022 8:00:00 AM	59.7	83.5	57.0	59.7	53.9	1.2
L <sub>eq</sub> 24 Hrs.	57.2	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	85.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	49.9	-	-	-
L <sub>dn</sub>	-	-	-	64.2	-	-
เสียงรบกวน	-	-	-	-	-	3.7
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
15/11/2022 9:00:00 AM	59.7	79.8	49.6	59.7	58.4	3.1
15/11/2022 10:00:00 AM	58.4	78.5	50.4	58.4	58.4	1.0
15/11/2022 11:00:00 AM	61.2	80.5	53.6	61.2	58.4	4.6
15/11/2022 12:00:00 PM	58.9	80.5	51.6	58.9	58.4	0.3
15/11/2022 1:00:00 PM	62.3	79.6	55.4	62.3	58.4	4.9
15/11/2022 2:00:00 PM	61.4	75.4	51.2	61.4	58.4	7.2
15/11/2022 3:00:00 PM	60.5	65.2	52.3	60.5	58.4	3.7
15/11/2022 4:00:00 PM	59.8	65.2	52.6	59.8	58.4	0.2
15/11/2022 5:00:00 PM	61.2	65.4	52.4	61.2	58.4	5.8
15/11/2022 6:00:00 PM	62.3	64.9	53.9	62.3	58.4	6.4
15/11/2022 7:00:00 PM	60.4	65.4	52.4	60.4	58.4	3.5
15/11/2022 8:00:00 PM	59.1	66.9	52.4	59.1	58.4	0.0
15/11/2022 9:00:00 PM	59.6	66.8	51.9	59.6	58.4	0.7
15/11/2022 10:00:00 PM	59.3	64.8	50.4	69.3	58.4	1.9
15/11/2022 11:00:00 PM	59.9	65.8	50.7	69.9	58.4	4.7
16/11/2022 12:00:00 AM	60.1	64.7	49.6	70.1	58.4	6.0
16/11/2022 1:00:00 AM	59.8	66.9	49.8	69.8	58.4	3.0
16/11/2022 2:00:00 AM	62.4	67.8	52.6	72.4	58.4	7.8
16/11/2022 3:00:00 AM	62.5	66.7	52.1	72.5	58.4	8.4
16/11/2022 4:00:00 AM	59.6	64.1	50.4	69.6	58.4	2.2
16/11/2022 5:00:00 AM	60.4	60.5	52.3	70.4	58.4	3.6
16/11/2022 6:00:00 AM	59.6	60.8	50.4	69.6	58.4	2.2
16/11/2022 7:00:00 AM	60.4	62.8	49.8	60.4	58.4	6.1
16/11/2022 8:00:00 AM	58.7	70.4	52.6	58.7	58.4	0.0
L <sub>eq</sub> 24 Hrs.	60.3	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	80.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	51.7	-	-	-
L <sub>dn</sub>	-	-	-	67.0	-	-
เสียงรบกวน	-	-	-	-	-	3.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist  
25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager  
25/11/2022





## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 165
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
16/11/2022 9:00:00 AM	58.7	71.2	49.8	58.7	57.4	1.9
16/11/2022 10:00:00 AM	58.6	70.5	48.7	58.6	57.4	2.9
16/11/2022 11:00:00 AM	58.1	70.4	48.7	58.1	57.4	2.4
16/11/2022 12:00:00 PM	58.4	70.6	48.9	58.4	57.4	2.5
16/11/2022 1:00:00 PM	60.5	71.5	49.6	60.5	57.4	7.9
16/11/2022 2:00:00 PM	60.5	65.4	49.2	60.5	57.4	8.3
16/11/2022 3:00:00 PM	60.8	65.8	49.2	60.8	57.4	8.6
16/11/2022 4:00:00 PM	57.4	64.9	48.7	57.4	57.4	1.7
16/11/2022 5:00:00 PM	58.7	68.5	48.5	58.7	57.4	3.2
16/11/2022 6:00:00 PM	58.4	67.4	50.2	58.4	57.4	1.2
16/11/2022 7:00:00 PM	61.2	69.3	52.3	61.2	57.4	6.9
16/11/2022 8:00:00 PM	60.4	73.6	50.1	60.4	57.4	7.3
16/11/2022 9:00:00 PM	59.7	74.1	51.4	59.7	57.4	3.8
16/11/2022 10:00:00 PM	62.3	70.5	52.4	72.3	57.4	8.4
16/11/2022 11:00:00 PM	61.5	69.3	52.6	71.5	57.4	6.9
17/11/2022 12:00:00 AM	61.4	68.7	52.4	71.4	57.4	7.0
17/11/2022 1:00:00 AM	60.5	67.9	50.4	70.5	57.4	7.1
17/11/2022 2:00:00 AM	61.8	65.4	51.4	71.8	57.4	8.4
17/11/2022 3:00:00 AM	60.8	65.4	50.4	70.8	57.4	7.4
17/11/2022 4:00:00 AM	61.2	66.4	49.6	71.2	57.4	9.6
17/11/2022 5:00:00 AM	61.2	67.4	51.4	71.2	57.4	7.8
17/11/2022 6:00:00 AM	60.4	68.9	52.1	70.4	57.4	5.3
17/11/2022 7:00:00 AM	59.6	70.2	49.6	59.6	57.4	5.5
17/11/2022 8:00:00 AM	59.7	69.2	49.7	59.7	57.4	5.5
L <sub>eq</sub> 24 Hrs.	60.1	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	74.1	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	50.3	-	-	-
L <sub>dn</sub>	-	-	-	67.5	-	-
เสียงรบกวน	-	-	-	-	-	5.7
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022      Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022      Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
17/11/2022 9:00:00 AM	57.4	70.4	48.5	57.4	56.2	1.9
17/11/2022 10:00:00 AM	56.3	70.5	48.7	56.3	56.2	0.6
17/11/2022 11:00:00 AM	56.2	71.2	47.5	56.2	56.2	1.7
17/11/2022 12:00:00 PM	56.4	75.6	45.6	56.4	56.2	3.8
17/11/2022 1:00:00 PM	57.4	90.5	44.2	57.4	56.2	6.2
17/11/2022 2:00:00 PM	57.9	90.5	46.3	57.9	56.2	7.1
17/11/2022 3:00:00 PM	57.8	91.4	49.8	57.8	56.2	3.5
17/11/2022 4:00:00 PM	59.6	66.4	52.3	59.6	56.2	4.3
17/11/2022 5:00:00 PM	58.4	66.3	53.6	58.4	56.2	0.3
17/11/2022 6:00:00 PM	57.4	65.2	51.2	57.4	56.2	0.0
17/11/2022 7:00:00 PM	60.4	68.9	52.4	60.4	56.2	6.0
17/11/2022 8:00:00 PM	60.4	68.7	51.3	60.4	56.2	7.1
17/11/2022 9:00:00 PM	59.8	65.4	51.2	59.8	56.2	6.6
17/11/2022 10:00:00 PM	58.7	65.1	49.6	68.7	56.2	6.1
17/11/2022 11:00:00 PM	61.2	64.2	49.6	71.2	56.2	10.1
18/11/2022 12:00:00 AM	61.3	63.5	49.6	71.3	56.2	10.2
18/11/2022 1:00:00 AM	62.3	63.9	51.3	72.3	56.2	9.5
18/11/2022 2:00:00 AM	59.6	64.1	52.4	69.6	56.2	4.2
18/11/2022 3:00:00 AM	59.8	63.5	52.6	69.8	56.2	5.2
18/11/2022 4:00:00 AM	58.7	64.1	52.4	68.7	56.2	3.3
18/11/2022 5:00:00 AM	58.4	64.7	52.4	68.4	56.2	1.5
18/11/2022 6:00:00 AM	59.8	64.1	50.4	69.8	56.2	7.4
18/11/2022 7:00:00 AM	58.4	65.8	50.8	58.4	56.2	3.1
18/11/2022 8:00:00 AM	59.4	66.4	49.8	59.4	56.2	6.6
L <sub>eq</sub> 24 Hrs.	58.9	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	91.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	50.1	-	-	-
L <sub>dn</sub>	-	-	-	66.4	-	-
เสียงรบกวน	-	-	-	-	-	4.8
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////END OF REPORT

Tested by

สัตว์ครึ่งคน

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

25

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval**



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

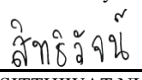
## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 165
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
18/11/2022 9:00:00 AM	57.6	67.5	49.5	57.6	57.4	1.1
18/11/2022 10:00:00 AM	57.4	68.5	49.8	57.4	57.4	0.6
18/11/2022 11:00:00 AM	57.9	68.4	50.6	57.9	57.4	0.3
18/11/2022 12:00:00 PM	58.2	68.9	53.6	58.2	57.4	0.0
18/11/2022 1:00:00 PM	58.6	75.4	55.2	58.6	57.4	-3.6
18/11/2022 2:00:00 PM	59.6	74.6	50.6	59.6	57.4	4.5
18/11/2022 3:00:00 PM	58.9	74.2	50.1	58.9	57.4	4.3
18/11/2022 4:00:00 PM	58.9	75.6	52.3	58.9	57.4	2.1
18/11/2022 5:00:00 PM	58.4	78.6	52.1	58.4	57.4	0.0
18/11/2022 6:00:00 PM	62.1	78.4	52.1	62.1	57.4	8.5
18/11/2022 7:00:00 PM	61.3	78.9	55.3	61.3	57.4	4.0
18/11/2022 8:00:00 PM	60.2	85.6	57.4	60.2	57.4	0.0
18/11/2022 9:00:00 PM	60.5	85.4	55.6	60.5	57.4	1.9
18/11/2022 10:00:00 PM	60.5	86.9	54.2	70.5	57.4	3.3
18/11/2022 11:00:00 PM	59.6	65.4	53.2	69.6	57.4	1.9
19/11/2022 12:00:00 AM	59.4	65.8	52.1	69.4	57.4	2.8
19/11/2022 1:00:00 AM	59.8	65.9	51.4	69.8	57.4	3.9
19/11/2022 2:00:00 AM	61.2	64.9	51.8	71.2	57.4	7.4
19/11/2022 3:00:00 AM	62.3	64.7	55.6	72.3	57.4	5.2
19/11/2022 4:00:00 AM	62.3	64.2	55.4	72.3	57.4	5.4
19/11/2022 5:00:00 AM	62.5	63.2	55.4	72.5	57.4	5.6
19/11/2022 6:00:00 AM	62.8	63.1	55.6	72.8	57.4	5.7
19/11/2022 7:00:00 AM	60.1	64.1	55.4	60.1	57.4	1.7
19/11/2022 8:00:00 AM	60.9	64.8	54.9	60.9	57.4	4.0
L <sub>eq</sub> 24 Hrs.	60.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	86.9	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.3	-	-	-
L <sub>dn</sub>	-	-	-	67.5	-	-
เสียงรบกวน	-	-	-	-	-	2.9
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

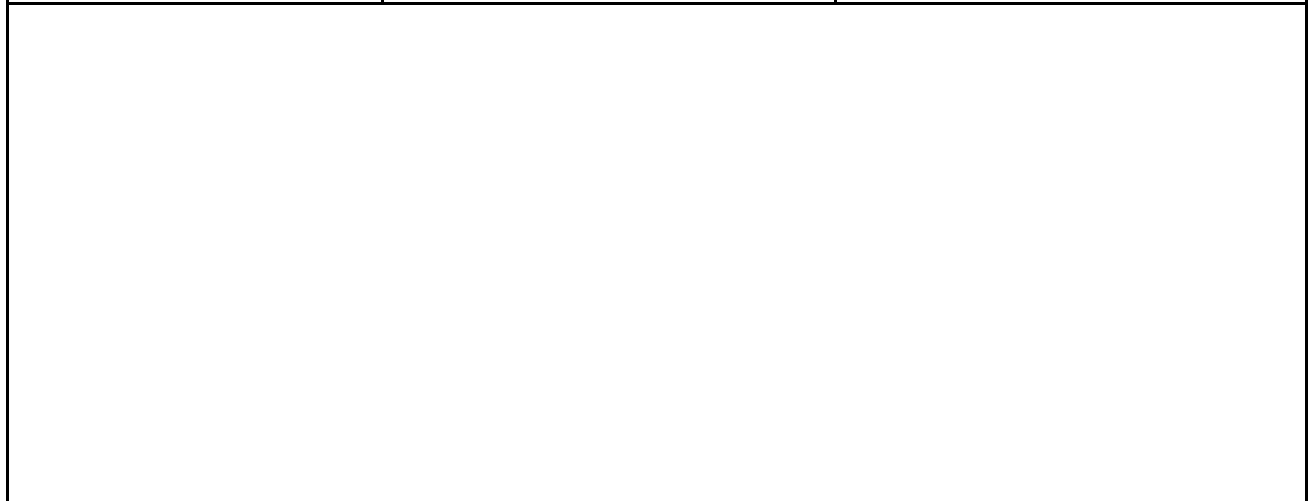
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

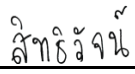
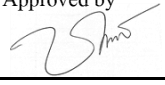
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
14/11/2022 9:00:00 AM	55.6	67.8
14/11/2022 10:00:00 AM	54.6	66.5
14/11/2022 11:00:00 AM	53.9	67.4
14/11/2022 12:00:00 PM	54.2	66.5
14/11/2022 1:00:00 PM	56.9	65.4
14/11/2022 2:00:00 PM	56.8	64.5
14/11/2022 3:00:00 PM	59.6	64.3
14/11/2022 4:00:00 PM	59.2	64.2
<b>Eighth Hours Measurement</b>	<b>56.4</b>	<b>65.8</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

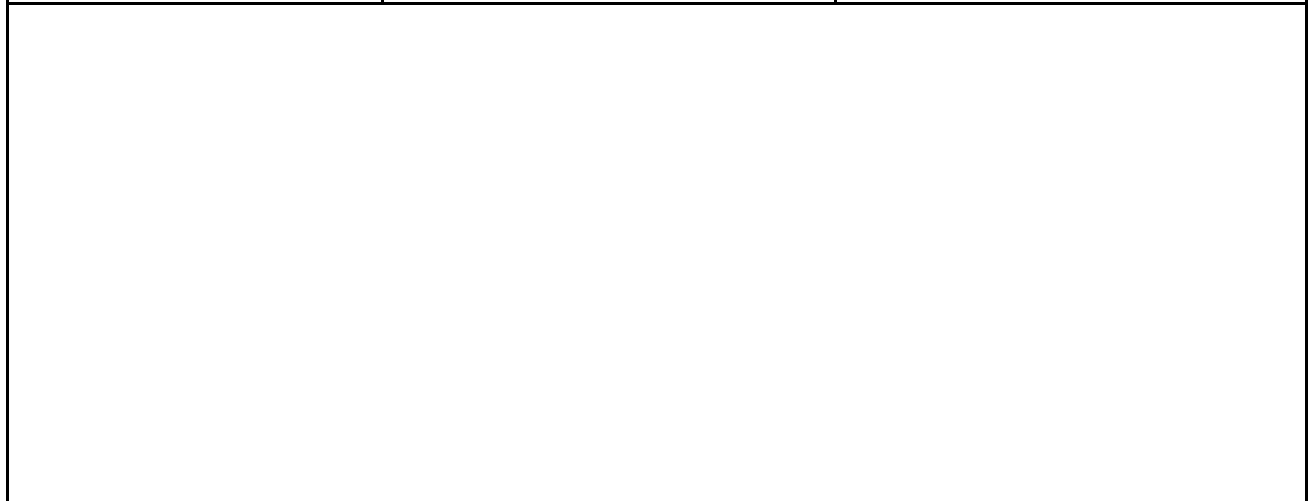
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

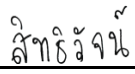
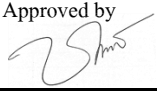
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
15/11/2022 9:00:00 AM	59.7	79.8
15/11/2022 10:00:00 AM	58.4	78.5
15/11/2022 11:00:00 AM	61.2	80.5
15/11/2022 12:00:00 PM	58.9	80.5
15/11/2022 1:00:00 PM	62.3	79.6
15/11/2022 2:00:00 PM	61.4	75.4
15/11/2022 3:00:00 PM	60.5	65.2
15/11/2022 4:00:00 PM	59.8	65.2
<b>Eighth Hours Measurement</b>	<b>60.3</b>	<b>75.6</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

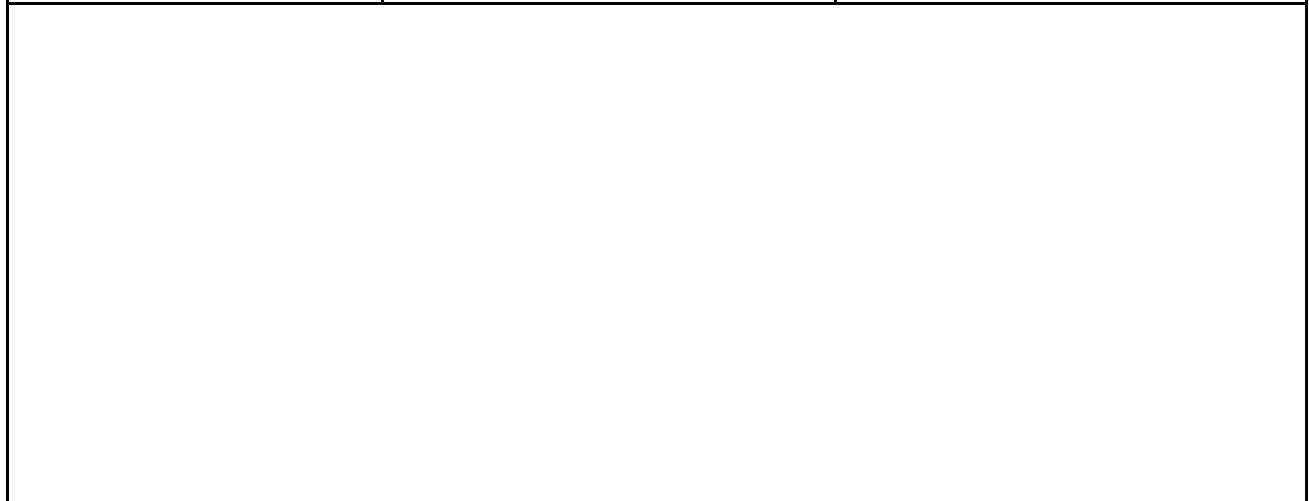
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

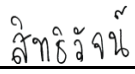
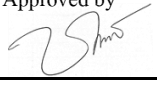
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
16/11/2022 9:00:00 AM	58.7	71.2
16/11/2022 10:00:00 AM	58.6	70.5
16/11/2022 11:00:00 AM	58.1	70.4
16/11/2022 12:00:00 PM	58.4	70.6
16/11/2022 1:00:00 PM	60.5	71.5
16/11/2022 2:00:00 PM	60.5	65.4
16/11/2022 3:00:00 PM	60.8	65.8
16/11/2022 4:00:00 PM	57.4	64.9
<b>Eighth Hours Measurement</b>	<b>59.1</b>	<b>68.8</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

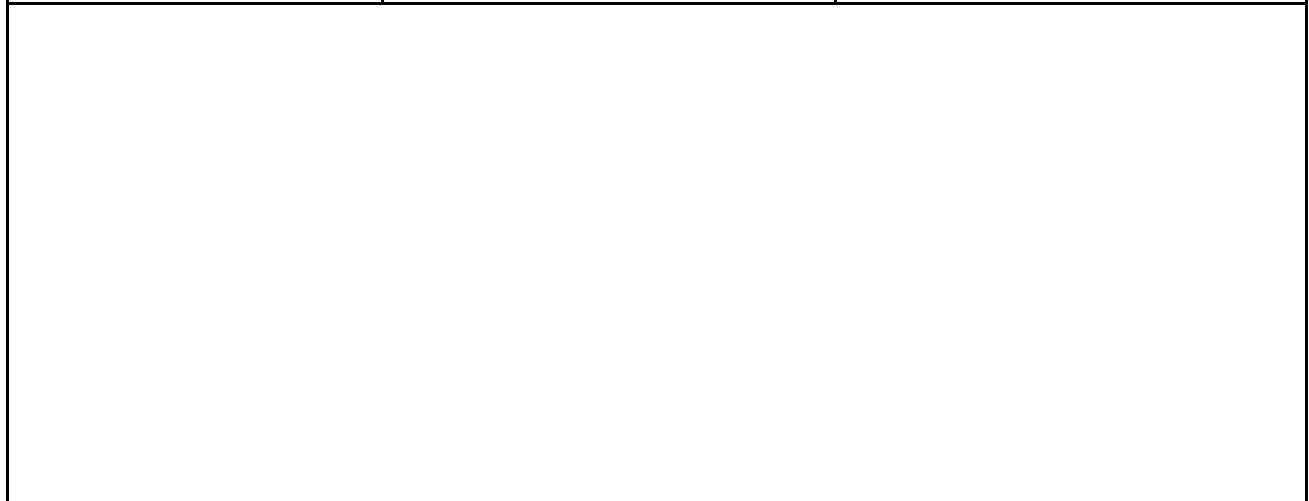
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

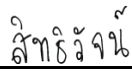
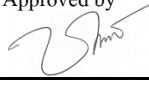
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
17/11/2022 9:00:00 AM	57.4	70.4
17/11/2022 10:00:00 AM	56.3	70.5
17/11/2022 11:00:00 AM	56.2	71.2
17/11/2022 12:00:00 PM	56.4	75.6
17/11/2022 1:00:00 PM	57.4	90.5
17/11/2022 2:00:00 PM	57.9	90.5
17/11/2022 3:00:00 PM	57.8	91.4
17/11/2022 4:00:00 PM	59.6	66.4
<b>Eighth Hours Measurement</b>	<b>57.4</b>	<b>78.3</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

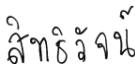

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 25/11/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0024	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2211-0014		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 18/11/2022	Time	: 09.00
Received Date	: 21/11/2022	Time	: 08.00
Tested Date	: 21/11/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Sound Level
Location	: Thai kali Co., Ltd.	Sample Name	: บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: -
		Condition of sample	: Ambient temperature
		Reference method	: ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
18/11/2022 9:00:00 AM	57.6	67.5
18/11/2022 10:00:00 AM	57.4	68.5
18/11/2022 11:00:00 AM	57.9	68.4
18/11/2022 12:00:00 PM	58.2	68.9
18/11/2022 1:00:00 PM	58.6	75.4
18/11/2022 2:00:00 PM	59.6	74.6
18/11/2022 3:00:00 PM	58.9	74.2
18/11/2022 4:00:00 PM	58.9	75.6
<b>Eighth Hours Measurement</b>	<b>58.4</b>	<b>71.6</b>

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Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<b>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</b>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022
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## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 25/11/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0024	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2211-0014		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 14/11/2022 Time : 09.00	Type of testing	: Environment
Received Date	: 21/11/2022 Time : 08.00	Identifier	: Sound Level
Tested Date	: 21/11/2022	Sample Name	: บริเวณ โรงเรียนบ้านหนองสะแก (47P 0805498, 169942
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: -
Location	: Thai kali Co., Ltd.	Condition of sample	: Ambient temperature
Sampling By	: Mr. Khanathip Meemongkol	Reference method	: ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
14/11/2022 9:00:00 AM	55.6	67.8	49.6	55.6	53.9	1.5
14/11/2022 10:00:00 AM	54.6	66.5	45.6	54.6	53.9	2.0
14/11/2022 11:00:00 AM	53.9	67.4	45.6	53.9	53.9	1.3
14/11/2022 12:00:00 PM	54.2	66.5	46.5	54.2	53.9	0.7
14/11/2022 1:00:00 PM	56.9	65.4	53.4	56.9	53.9	0.5
14/11/2022 2:00:00 PM	56.8	64.5	52.1	56.8	53.9	1.7
14/11/2022 3:00:00 PM	59.6	64.3	52.1	59.6	53.9	6.0
14/11/2022 4:00:00 PM	59.2	64.2	51.4	59.2	53.9	6.3
14/11/2022 5:00:00 PM	59.4	65.4	54.3	59.4	53.9	3.6
14/11/2022 6:00:00 PM	59.8	64.1	52.4	59.8	53.9	5.9
14/11/2022 7:00:00 PM	61.5	64.3	50.4	61.5	53.9	10.6
14/11/2022 8:00:00 PM	54.2	65.4	48.7	54.2	53.9	0.0
14/11/2022 9:00:00 PM	54.3	64.5	45.6	54.3	53.9	1.7
14/11/2022 10:00:00 PM	54.3	63.2	44.3	64.3	53.9	3.0
14/11/2022 11:00:00 PM	54.1	63.2	44.7	64.1	53.9	2.4
15/11/2022 12:00:00 AM	55.4	74.6	49.8	65.4	53.9	1.1
15/11/2022 1:00:00 AM	56.9	74.6	48.7	66.9	53.9	5.2
15/11/2022 2:00:00 AM	56.8	75.6	49.7	66.8	53.9	4.1
15/11/2022 3:00:00 AM	56.7	79.6	45.7	66.7	53.9	8.0
15/11/2022 4:00:00 AM	59.6	81.2	49.8	69.6	53.9	8.3
15/11/2022 5:00:00 AM	60.2	85.6	51.4	70.2	53.9	7.3
15/11/2022 6:00:00 AM	60.1	84.6	54.2	70.1	53.9	4.4
15/11/2022 7:00:00 AM	59.8	85.4	55.4	59.8	53.9	2.9
15/11/2022 8:00:00 AM	59.7	83.5	57.0	59.7	53.9	1.2
L <sub>eq</sub> 24 Hrs.	57.2	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	85.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	49.9	-	-	-
L <sub>dn</sub>	-	-	-	64.2	-	-
เสียงรบกวน	-	-	-	-	-	3.7
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
15/11/2022 9:00:00 AM	59.7	79.8	49.6	59.7	58.4	3.1
15/11/2022 10:00:00 AM	58.4	78.5	50.4	58.4	58.4	1.0
15/11/2022 11:00:00 AM	61.2	80.5	53.6	61.2	58.4	4.6
15/11/2022 12:00:00 PM	58.9	80.5	51.6	58.9	58.4	0.3
15/11/2022 1:00:00 PM	62.3	79.6	55.4	62.3	58.4	4.9
15/11/2022 2:00:00 PM	61.4	75.4	51.2	61.4	58.4	7.2
15/11/2022 3:00:00 PM	60.5	65.2	52.3	60.5	58.4	3.7
15/11/2022 4:00:00 PM	59.8	65.2	52.6	59.8	58.4	0.2
15/11/2022 5:00:00 PM	61.2	65.4	52.4	61.2	58.4	5.8
15/11/2022 6:00:00 PM	62.3	64.9	53.9	62.3	58.4	6.4
15/11/2022 7:00:00 PM	60.4	65.4	52.4	60.4	58.4	3.5
15/11/2022 8:00:00 PM	59.1	66.9	52.4	59.1	58.4	0.0
15/11/2022 9:00:00 PM	59.6	66.8	51.9	59.6	58.4	0.7
15/11/2022 10:00:00 PM	59.3	64.8	50.4	69.3	58.4	1.9
15/11/2022 11:00:00 PM	59.9	65.8	50.7	69.9	58.4	4.7
16/11/2022 12:00:00 AM	60.1	64.7	49.6	70.1	58.4	6.0
16/11/2022 1:00:00 AM	59.8	66.9	49.8	69.8	58.4	3.0
16/11/2022 2:00:00 AM	62.4	67.8	52.6	72.4	58.4	7.8
16/11/2022 3:00:00 AM	62.5	66.7	52.1	72.5	58.4	8.4
16/11/2022 4:00:00 AM	59.6	64.1	50.4	69.6	58.4	2.2
16/11/2022 5:00:00 AM	60.4	60.5	52.3	70.4	58.4	3.6
16/11/2022 6:00:00 AM	59.6	60.8	50.4	69.6	58.4	2.2
16/11/2022 7:00:00 AM	60.4	62.8	49.8	60.4	58.4	6.1
16/11/2022 8:00:00 AM	58.7	70.4	52.6	58.7	58.4	0.0
L <sub>eq</sub> 24 Hrs.	60.3	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	80.5	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	51.7	-	-	-
L <sub>dn</sub>	-	-	-	67.0	-	-
เสียงรบกวน	-	-	-	-	-	3.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist  
25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager  
25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 165
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีกรรบกวน (dB(A))	เสียงรบกวน (dB(A))
16/11/2022 9:00:00 AM	58.7	71.2	49.8	58.7	57.4	1.9
16/11/2022 10:00:00 AM	58.6	70.5	48.7	58.6	57.4	2.9
16/11/2022 11:00:00 AM	58.1	70.4	48.7	58.1	57.4	2.4
16/11/2022 12:00:00 PM	58.4	70.6	48.9	58.4	57.4	2.5
16/11/2022 1:00:00 PM	60.5	71.5	49.6	60.5	57.4	7.9
16/11/2022 2:00:00 PM	60.5	65.4	49.2	60.5	57.4	8.3
16/11/2022 3:00:00 PM	60.8	65.8	49.2	60.8	57.4	8.6
16/11/2022 4:00:00 PM	57.4	64.9	48.7	57.4	57.4	1.7
16/11/2022 5:00:00 PM	58.7	68.5	48.5	58.7	57.4	3.2
16/11/2022 6:00:00 PM	58.4	67.4	50.2	58.4	57.4	1.2
16/11/2022 7:00:00 PM	61.2	69.3	52.3	61.2	57.4	6.9
16/11/2022 8:00:00 PM	60.4	73.6	50.1	60.4	57.4	7.3
16/11/2022 9:00:00 PM	59.7	74.1	51.4	59.7	57.4	3.8
16/11/2022 10:00:00 PM	62.3	70.5	52.4	72.3	57.4	8.4
16/11/2022 11:00:00 PM	61.5	69.3	52.6	71.5	57.4	6.9
17/11/2022 12:00:00 AM	61.4	68.7	52.4	71.4	57.4	7.0
17/11/2022 1:00:00 AM	60.5	67.9	50.4	70.5	57.4	7.1
17/11/2022 2:00:00 AM	61.8	65.4	51.4	71.8	57.4	8.4
17/11/2022 3:00:00 AM	60.8	65.4	50.4	70.8	57.4	7.4
17/11/2022 4:00:00 AM	61.2	66.4	49.6	71.2	57.4	9.6
17/11/2022 5:00:00 AM	61.2	67.4	51.4	71.2	57.4	7.8
17/11/2022 6:00:00 AM	60.4	68.9	52.1	70.4	57.4	5.3
17/11/2022 7:00:00 AM	59.6	70.2	49.6	59.6	57.4	5.5
17/11/2022 8:00:00 AM	59.7	69.2	49.7	59.7	57.4	5.5
L <sub>eq</sub> 24 Hrs.	60.1	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	74.1	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	50.3	-	-	-
L <sub>dn</sub>	-	-	-	67.5	-	-
เสียงรบกวน	-	-	-	-	-	5.7
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

ชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 165
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
17/11/2022 9:00:00 AM	57.4	70.4	48.5	57.4	56.2	1.9
17/11/2022 10:00:00 AM	56.3	70.5	48.7	56.3	56.2	0.6
17/11/2022 11:00:00 AM	56.2	71.2	47.5	56.2	56.2	1.7
17/11/2022 12:00:00 PM	56.4	75.6	45.6	56.4	56.2	3.8
17/11/2022 1:00:00 PM	57.4	90.5	44.2	57.4	56.2	6.2
17/11/2022 2:00:00 PM	57.9	90.5	46.3	57.9	56.2	7.1
17/11/2022 3:00:00 PM	57.8	91.4	49.8	57.8	56.2	3.5
17/11/2022 4:00:00 PM	59.6	66.4	52.3	59.6	56.2	4.3
17/11/2022 5:00:00 PM	58.4	66.3	53.6	58.4	56.2	0.3
17/11/2022 6:00:00 PM	57.4	65.2	51.2	57.4	56.2	0.0
17/11/2022 7:00:00 PM	60.4	68.9	52.4	60.4	56.2	6.0
17/11/2022 8:00:00 PM	60.4	68.7	51.3	60.4	56.2	7.1
17/11/2022 9:00:00 PM	59.8	65.4	51.2	59.8	56.2	6.6
17/11/2022 10:00:00 PM	58.7	65.1	49.6	68.7	56.2	6.1
17/11/2022 11:00:00 PM	61.2	64.2	49.6	71.2	56.2	10.1
18/11/2022 12:00:00 AM	61.3	63.5	49.6	71.3	56.2	10.2
18/11/2022 1:00:00 AM	62.3	63.9	51.3	72.3	56.2	9.5
18/11/2022 2:00:00 AM	59.6	64.1	52.4	69.6	56.2	4.2
18/11/2022 3:00:00 AM	59.8	63.5	52.6	69.8	56.2	5.2
18/11/2022 4:00:00 AM	58.7	64.1	52.4	68.7	56.2	3.3
18/11/2022 5:00:00 AM	58.4	64.7	52.4	68.4	56.2	1.5
18/11/2022 6:00:00 AM	59.8	64.1	50.4	69.8	56.2	7.4
18/11/2022 7:00:00 AM	58.4	65.8	50.8	58.4	56.2	3.1
18/11/2022 8:00:00 AM	59.4	66.4	49.8	59.4	56.2	6.6
L <sub>eq</sub> 24 Hrs.	58.9	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	91.4	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	50.1	-	-	-
L <sub>dn</sub>	-	-	-	66.4	-	-
เสียงรบกวน	-	-	-	-	-	4.8
มาตรฐาน* dB(A)	≤70	≤115	-	-	-	≤10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 165
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
18/11/2022 9:00:00 AM	57.6	67.5	49.5	57.6	57.4	1.1
18/11/2022 10:00:00 AM	57.4	68.5	49.8	57.4	57.4	0.6
18/11/2022 11:00:00 AM	57.9	68.4	50.6	57.9	57.4	0.3
18/11/2022 12:00:00 PM	58.2	68.9	53.6	58.2	57.4	0.0
18/11/2022 1:00:00 PM	58.6	75.4	55.2	58.6	57.4	-3.6
18/11/2022 2:00:00 PM	59.6	74.6	50.6	59.6	57.4	4.5
18/11/2022 3:00:00 PM	58.9	74.2	50.1	58.9	57.4	4.3
18/11/2022 4:00:00 PM	58.9	75.6	52.3	58.9	57.4	2.1
18/11/2022 5:00:00 PM	58.4	78.6	52.1	58.4	57.4	0.0
18/11/2022 6:00:00 PM	62.1	78.4	52.1	62.1	57.4	8.5
18/11/2022 7:00:00 PM	61.3	78.9	55.3	61.3	57.4	4.0
18/11/2022 8:00:00 PM	60.2	85.6	57.4	60.2	57.4	0.0
18/11/2022 9:00:00 PM	60.5	85.4	55.6	60.5	57.4	1.9
18/11/2022 10:00:00 PM	60.5	86.9	54.2	70.5	57.4	3.3
18/11/2022 11:00:00 PM	59.6	65.4	53.2	69.6	57.4	1.9
19/11/2022 12:00:00 AM	59.4	65.8	52.1	69.4	57.4	2.8
19/11/2022 1:00:00 AM	59.8	65.9	51.4	69.8	57.4	3.9
19/11/2022 2:00:00 AM	61.2	64.9	51.8	71.2	57.4	7.4
19/11/2022 3:00:00 AM	62.3	64.7	55.6	72.3	57.4	5.2
19/11/2022 4:00:00 AM	62.3	64.2	55.4	72.3	57.4	5.4
19/11/2022 5:00:00 AM	62.5	63.2	55.4	72.5	57.4	5.6
19/11/2022 6:00:00 AM	62.8	63.1	55.6	72.8	57.4	5.7
19/11/2022 7:00:00 AM	60.1	64.1	55.4	60.1	57.4	1.7
19/11/2022 8:00:00 AM	60.9	64.8	54.9	60.9	57.4	4.0
L <sub>eq</sub> 24 Hrs.	60.0	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	86.9	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.3	-	-	-
L <sub>dn</sub>	-	-	-	67.5	-	-
เสียงรบกวน	-	-	-	-	-	2.9
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

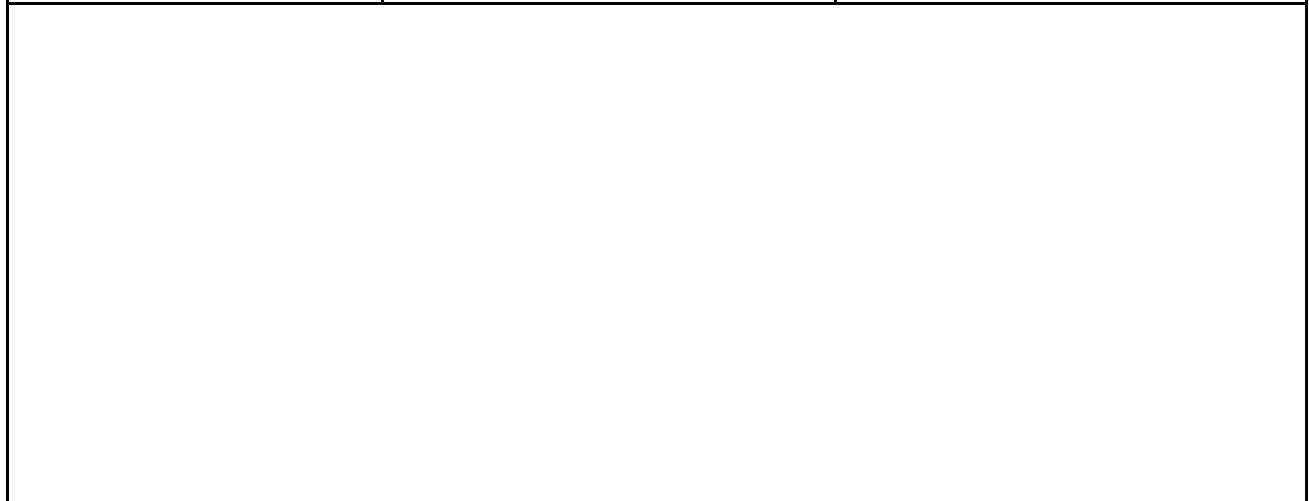
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

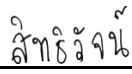
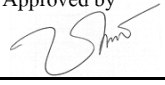
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
14/11/2022 9:00:00 AM	55.6	67.8
14/11/2022 10:00:00 AM	54.6	66.5
14/11/2022 11:00:00 AM	53.9	67.4
14/11/2022 12:00:00 PM	54.2	66.5
14/11/2022 1:00:00 PM	56.9	65.4
14/11/2022 2:00:00 PM	56.8	64.5
14/11/2022 3:00:00 PM	59.6	64.3
14/11/2022 4:00:00 PM	59.2	64.2
<b>Eighth Hours Measurement</b>	<b>56.4</b>	<b>65.8</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

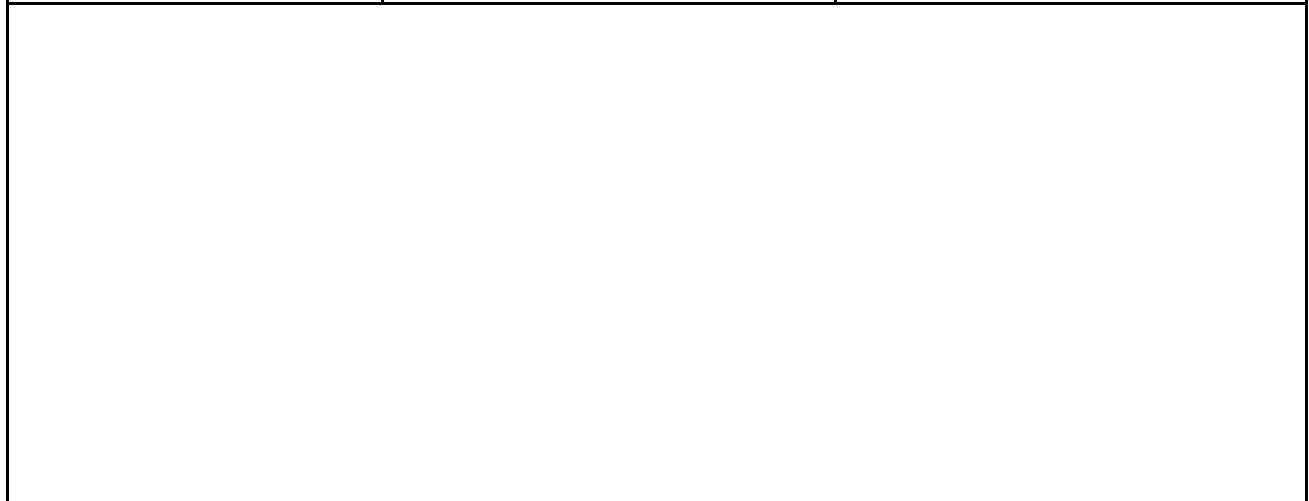
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

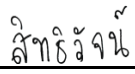
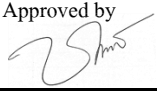
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
15/11/2022 9:00:00 AM	59.7	79.8
15/11/2022 10:00:00 AM	58.4	78.5
15/11/2022 11:00:00 AM	61.2	80.5
15/11/2022 12:00:00 PM	58.9	80.5
15/11/2022 1:00:00 PM	62.3	79.6
15/11/2022 2:00:00 PM	61.4	75.4
15/11/2022 3:00:00 PM	60.5	65.2
15/11/2022 4:00:00 PM	59.8	65.2
<b>Eighth Hours Measurement</b>	<b>60.3</b>	<b>75.6</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

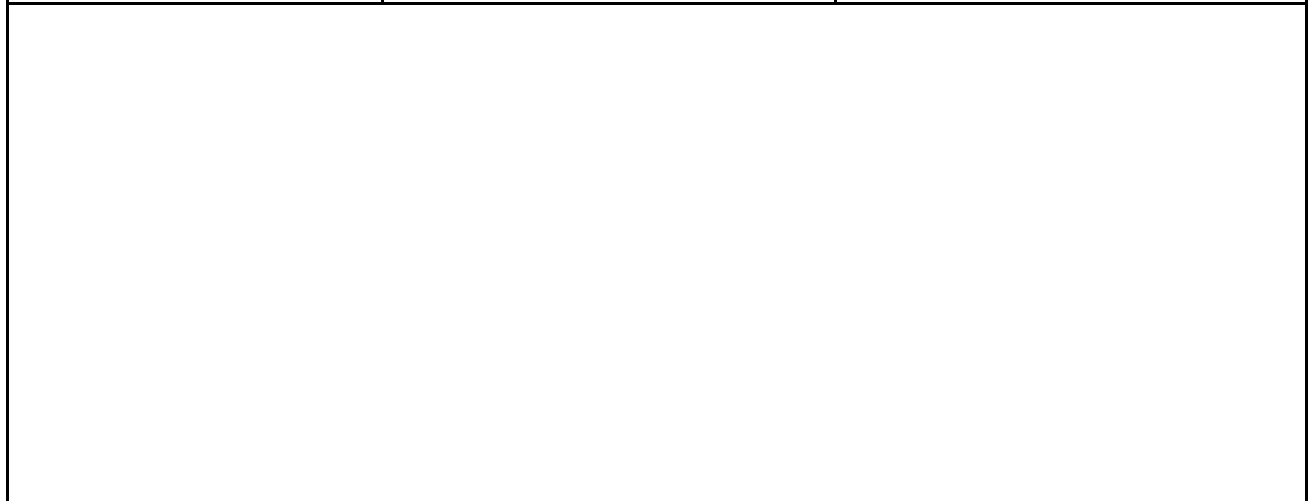
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

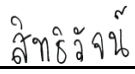
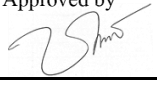
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
16/11/2022 9:00:00 AM	58.7	71.2
16/11/2022 10:00:00 AM	58.6	70.5
16/11/2022 11:00:00 AM	58.1	70.4
16/11/2022 12:00:00 PM	58.4	70.6
16/11/2022 1:00:00 PM	60.5	71.5
16/11/2022 2:00:00 PM	60.5	65.4
16/11/2022 3:00:00 PM	60.8	65.8
16/11/2022 4:00:00 PM	57.4	64.9
<b>Eighth Hours Measurement</b>	<b>59.1</b>	<b>68.8</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

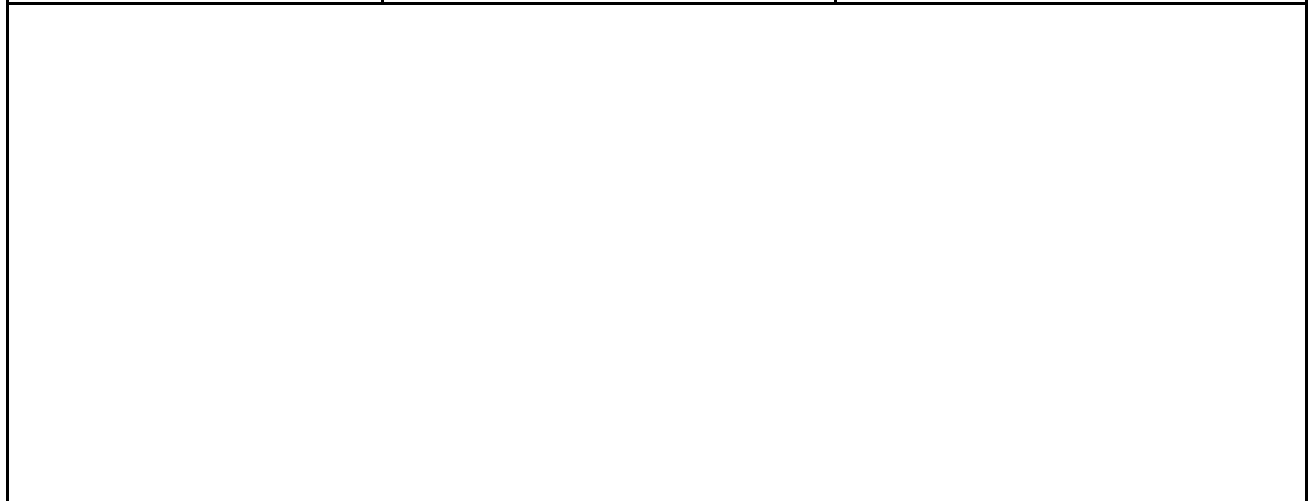
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

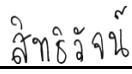
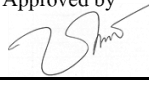
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 169
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
17/11/2022 9:00:00 AM	57.4	70.4
17/11/2022 10:00:00 AM	56.3	70.5
17/11/2022 11:00:00 AM	56.2	71.2
17/11/2022 12:00:00 PM	56.4	75.6
17/11/2022 1:00:00 PM	57.4	90.5
17/11/2022 2:00:00 PM	57.9	90.5
17/11/2022 3:00:00 PM	57.8	91.4
17/11/2022 4:00:00 PM	59.6	66.4
<b>Eighth Hours Measurement</b>	<b>57.4</b>	<b>78.3</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

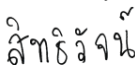
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 25/11/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0024	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2211-0014		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 18/11/2022	Time	: 09.00
Received Date	: 21/11/2022	Time	: 08.00
Tested Date	: 21/11/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Sound Level
Location	: Thai kali Co., Ltd.	Sample Name	: บริเวณโรงเรียนบ้านหนองสะแก (47P 0805498, 1699425)
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: -
		Condition of sample	: Ambient temperature
		Reference method	: ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
18/11/2022 9:00:00 AM	57.6	67.5
18/11/2022 10:00:00 AM	57.4	68.5
18/11/2022 11:00:00 AM	57.9	68.4
18/11/2022 12:00:00 PM	58.2	68.9
18/11/2022 1:00:00 PM	58.6	75.4
18/11/2022 2:00:00 PM	59.6	74.6
18/11/2022 3:00:00 PM	58.9	74.2
18/11/2022 4:00:00 PM	58.9	75.6
<b>Eighth Hours Measurement</b>	<b>58.4</b>	<b>71.6</b>

=====END OF REPORT=====

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
14/11/2022 9:00:00 AM	55.6	80.4	47.5	55.6	54.6	1.1
14/11/2022 10:00:00 AM	56.5	81.2	47.5	56.5	54.6	4.5
14/11/2022 11:00:00 AM	55.6	80.2	47.6	55.6	54.6	1.0
14/11/2022 12:00:00 PM	54.9	82.3	46.9	54.9	54.6	1.0
14/11/2022 1:00:00 PM	54.8	82.6	45.8	54.8	54.6	2.0
14/11/2022 2:00:00 PM	55.4	83.6	46.2	55.4	54.6	2.2
14/11/2022 3:00:00 PM	55.4	75.6	47.8	55.4	54.6	0.6
14/11/2022 4:00:00 PM	54.6	74.5	46.2	54.6	54.6	1.4
14/11/2022 5:00:00 PM	55.9	74.6	45.2	55.9	54.6	3.7
14/11/2022 6:00:00 PM	55.6	75.9	45.3	55.6	54.6	3.3
14/11/2022 7:00:00 PM	56.9	65.4	45.6	56.9	54.6	6.8
14/11/2022 8:00:00 PM	56.9	65.0	47.4	56.9	54.6	5.0
14/11/2022 9:00:00 PM	56.9	80.5	48.6	56.9	54.6	3.8
14/11/2022 10:00:00 PM	58.9	80.4	49.6	68.9	54.6	7.3
14/11/2022 11:00:00 PM	58.7	74.1	49.8	68.7	54.6	6.9
15/11/2022 12:00:00 AM	57.4	75.6	50.1	67.4	54.6	4.3
15/11/2022 1:00:00 AM	57.3	75.6	50.4	67.3	54.6	3.9
15/11/2022 2:00:00 AM	57.4	75.9	52.3	67.4	54.6	2.1
15/11/2022 3:00:00 AM	58.9	78.6	53.2	68.9	54.6	3.7
15/11/2022 4:00:00 AM	58.7	65.4	54.1	68.7	54.6	2.6
15/11/2022 5:00:00 AM	57.4	68.5	55.4	67.4	54.6	0.0
15/11/2022 6:00:00 AM	57.1	69.6	54.1	67.1	54.6	0.0
15/11/2022 7:00:00 AM	58.9	69.3	54.2	58.9	54.6	2.7
15/11/2022 8:00:00 AM	58.9	69.7	53.2	58.9	54.6	3.7
L <sub>eq</sub> 24 Hrs.	56.9	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	83.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	49.3	-	-	-
L <sub>dn</sub>	-	-	-	64.3	-	-
เสียงรบกวน	-	-	-	-	-	3.1
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตุน (47P 0806473, 16928)
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
15/11/2022 9:00:00 AM	60.4	86.8	51.5	60.4	58.9	4.4
15/11/2022 10:00:00 AM	60.5	87.5	51.6	60.5	58.9	4.4
15/11/2022 11:00:00 AM	61.2	86.5	52.5	61.2	58.9	4.2
15/11/2022 12:00:00 PM	62.3	88.6	52.4	62.3	58.9	6.9
15/11/2022 1:00:00 PM	61.5	65.4	51.9	61.5	58.9	6.6
15/11/2022 2:00:00 PM	61.3	65.1	51.4	61.3	58.9	5.4
15/11/2022 3:00:00 PM	62.3	65.4	52.0	62.3	58.9	7.3
15/11/2022 4:00:00 PM	59.6	66.5	53.6	59.6	58.9	0.0
15/11/2022 5:00:00 PM	59.4	67.8	52.0	59.4	58.9	0.4
15/11/2022 6:00:00 PM	59.8	67.9	54.7	59.8	58.9	0.0
15/11/2022 7:00:00 PM	60.0	68.9	53.6	60.0	58.9	0.0
15/11/2022 8:00:00 PM	60.2	70.5	52.7	60.2	58.9	0.5
15/11/2022 9:00:00 PM	60.3	71.2	54.4	60.3	58.9	0.0
15/11/2022 10:00:00 PM	60.2	71.3	51.5	70.2	58.9	1.7
15/11/2022 11:00:00 PM	60.4	71.5	51.6	70.4	58.9	4.3
16/11/2022 12:00:00 AM	61.2	72.3	52.5	71.2	58.9	4.2
16/11/2022 1:00:00 AM	59.8	70.4	52.7	69.8	58.9	0.1
16/11/2022 2:00:00 AM	59.7	65.4	54.4	69.7	58.9	0.0
16/11/2022 3:00:00 AM	58.9	65.4	52.5	68.9	58.9	0.0
16/11/2022 4:00:00 AM	59.8	65.2	52.7	69.8	58.9	0.1
16/11/2022 5:00:00 AM	59.4	68.9	54.4	69.4	58.9	0.0
16/11/2022 6:00:00 AM	61.2	67.9	56.3	71.2	58.9	0.4
16/11/2022 7:00:00 AM	62.6	69.8	55.6	62.6	58.9	5.0
16/11/2022 8:00:00 AM	60.3	69.9	53.9	60.3	58.9	0.0
L <sub>eq</sub> 24 Hrs.	60.5	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	88.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.0	-	-	-
L <sub>dn</sub>	-	-	-	66.7	-	-
เสียงรบกวน	-	-	-	-	-	2.3
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

ศิริทิพย์ นูนไธ

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชัชวาลย์

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
16/11/2022 9:00:00 AM	61.2	70.4	55.6	61.2	59.6	1.1
16/11/2022 10:00:00 AM	61.3	70.2	56.3	61.3	59.6	0.5
16/11/2022 11:00:00 AM	61.5	70.3	56.9	61.5	59.6	0.1
16/11/2022 12:00:00 PM	61.3	70.3	55.4	61.3	59.6	1.4
16/11/2022 1:00:00 PM	60.2	71.2	50.2	60.2	59.6	3.0
16/11/2022 2:00:00 PM	60.3	71.5	50.1	60.3	59.6	3.2
16/11/2022 3:00:00 PM	60.5	75.6	56.3	60.5	59.6	0.0
16/11/2022 4:00:00 PM	62.3	75.6	56.2	62.3	59.6	3.1
16/11/2022 5:00:00 PM	60.5	85.6	50.4	60.5	59.6	3.1
16/11/2022 6:00:00 PM	60.2	85.6	50.9	60.2	59.6	2.3
16/11/2022 7:00:00 PM	60.8	89.6	51.2	60.8	59.6	2.6
16/11/2022 8:00:00 PM	60.3	89.6	51.3	60.3	59.6	2.0
16/11/2022 9:00:00 PM	59.8	70.4	51.4	59.8	59.6	1.4
16/11/2022 10:00:00 PM	59.6	70.6	52.3	59.6	59.6	0.3
16/11/2022 11:00:00 PM	59.6	70.3	57.4	59.6	59.6	0.0
17/11/2022 12:00:00 AM	62.3	65.6	51.2	72.3	59.6	8.1
17/11/2022 1:00:00 AM	62.3	68.9	52.1	72.3	59.6	7.2
17/11/2022 2:00:00 AM	62.5	68.9	52.3	72.5	59.6	7.2
17/11/2022 3:00:00 AM	60.3	69.6	53.2	70.3	59.6	0.1
17/11/2022 4:00:00 AM	63.2	72.3	54.1	73.2	59.6	7.1
17/11/2022 5:00:00 AM	63.5	73.6	54.2	73.5	59.6	7.3
17/11/2022 6:00:00 AM	63.2	70.4	54.2	73.2	59.6	7.0
17/11/2022 7:00:00 AM	64.5	71.2	55.9	64.5	59.6	7.1
17/11/2022 8:00:00 AM	63.2	73.2	56.3	63.2	59.6	4.9
L <sub>eq</sub> 24 Hrs.	61.4	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	89.6	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.6	-	-	-
L <sub>dn</sub>	-	-	-	68.4	-	-
เสียงรบกวน	-	-	-	-	-	3.3
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตุน (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
17/11/2022 9:00:00 AM	62.3	70.2	59.6	62.3	58.6	0.7
17/11/2022 10:00:00 AM	62.5	70.2	58.6	62.5	58.6	1.9
17/11/2022 11:00:00 AM	62.5	70.2	58.4	62.5	58.6	2.1
17/11/2022 12:00:00 PM	62.3	72.3	58.4	62.3	58.6	1.9
17/11/2022 1:00:00 PM	61.2	69.6	54.6	61.2	58.6	3.6
17/11/2022 2:00:00 PM	60.3	69.8	55.6	60.3	58.6	0.2
17/11/2022 3:00:00 PM	59.6	68.7	51.2	59.6	58.6	1.4
17/11/2022 4:00:00 PM	59.6	69.5	52.1	59.6	58.6	0.5
17/11/2022 5:00:00 PM	58.6	68.7	51.3	58.6	58.6	0.3
17/11/2022 6:00:00 PM	60.3	67.5	53.9	60.3	58.6	1.9
17/11/2022 7:00:00 PM	59.6	68.5	51.3	59.6	58.6	1.3
17/11/2022 8:00:00 PM	59.3	65.2	51.4	59.3	58.6	0.9
17/11/2022 9:00:00 PM	60.2	70.8	51.4	60.2	58.6	4.3
17/11/2022 10:00:00 PM	60.2	69.3	52.3	70.2	58.6	3.4
17/11/2022 11:00:00 PM	60.2	69.5	52.9	70.2	58.6	2.8
18/11/2022 12:00:00 AM	59.6	69.3	51.4	69.6	58.6	1.2
18/11/2022 1:00:00 AM	59.6	75.6	51.4	69.6	58.6	1.2
18/11/2022 2:00:00 AM	59.6	75.4	50.2	69.6	58.6	2.4
18/11/2022 3:00:00 AM	61.2	76.2	51.3	71.2	58.6	6.9
18/11/2022 4:00:00 AM	61.3	89.6	52.6	71.3	58.6	5.7
18/11/2022 5:00:00 AM	65.2	89.7	54.6	75.2	58.6	9.6
18/11/2022 6:00:00 AM	65.2	79.6	55.4	75.2	58.6	8.8
18/11/2022 7:00:00 AM	65.2	80.5	54.1	65.2	58.6	10.1
18/11/2022 8:00:00 AM	62.3	81.3	56.9	62.3	58.6	3.4
L <sub>eq</sub> 24 Hrs.	61.2	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	89.7	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.8	-	-	-
L <sub>dn</sub>	-	-	-	68.3	-	-
เสียงรบกวน	-	-	-	-	-	3.2
มาตรฐาน* dB(A)	≤70	≤115	-	-	-	≤10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ต้อน (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Date, Time	L <sub>eq</sub> (dB(A))	L <sub>max</sub> (dB(A))	L <sub>90</sub> (dB(A))	L <sub>dn</sub> (dB(A))	ไม่มีการรบกวน (dB(A))	เสียงรบกวน (dB(A))
18/11/2022 9:00:00 AM	62.5	82.3	55.9	62.5	60.1	2.1
18/11/2022 10:00:00 AM	62.3	82.3	55.9	62.3	60.1	1.9
18/11/2022 11:00:00 AM	63.6	83.6	55.6	63.6	60.1	6.0
18/11/2022 12:00:00 PM	62.5	84.2	54.1	62.5	60.1	3.9
18/11/2022 1:00:00 PM	62.5	82.3	54.6	62.5	60.1	3.4
18/11/2022 2:00:00 PM	61.2	70.5	53.2	61.2	60.1	1.0
18/11/2022 3:00:00 PM	60.3	70.4	53.6	60.3	60.1	-0.3
18/11/2022 4:00:00 PM	60.2	69.6	52.7	60.2	60.1	0.5
18/11/2022 5:00:00 PM	61.2	69.5	52.7	61.2	60.1	1.5
18/11/2022 6:00:00 PM	62.3	68.5	52.6	62.3	60.1	5.2
18/11/2022 7:00:00 PM	62.3	68.4	56.6	62.3	60.1	1.2
18/11/2022 8:00:00 PM	62.5	68.4	55.1	62.5	60.1	2.9
18/11/2022 9:00:00 PM	60.1	65.4	52.3	60.1	60.1	0.8
18/11/2022 10:00:00 PM	60.3	66.5	52.1	70.3	60.1	1.2
18/11/2022 11:00:00 PM	60.8	67.4	52.1	70.8	60.1	1.7
19/11/2022 12:00:00 AM	60.5	66.4	51.0	70.5	60.1	2.5
19/11/2022 1:00:00 AM	60.8	65.4	51.6	70.8	60.1	2.2
19/11/2022 2:00:00 AM	62.3	70.4	51.6	72.3	60.1	6.2
19/11/2022 3:00:00 AM	60.4	71.2	51.4	70.4	60.1	2.0
19/11/2022 4:00:00 AM	61.2	71.5	52.0	71.2	60.1	2.2
19/11/2022 5:00:00 AM	62.5	70.5	52.5	72.5	60.1	5.5
19/11/2022 6:00:00 AM	61.3	75.4	53.3	71.3	60.1	1.0
19/11/2022 7:00:00 AM	60.1	75.6	52.1	60.1	60.1	1.0
19/11/2022 8:00:00 AM	62.3	76.4	51.3	62.3	60.1	6.5
L <sub>eq</sub> 24 Hrs.	61.5	-	-	-	-	-
L <sub>max</sub> 24 Hrs.	-	84.2	-	-	-	-
เสียงพื้นฐาน L <sub>90</sub>	-	-	53.2	-	-	-
L <sub>dn</sub>	-	-	-	67.7	-	-
เสียงรบกวน	-	-	-	-	-	2.6
มาตรฐาน* dB(A)	≤ 70	≤ 115	-	-	-	≤ 10

Remark : \* ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติฉบับที่ 29 (พ.ศ.2550) เรื่อง ค่าระดับเสียงรบกวน และประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการในโรงงาน พ.ศ.2548

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

25/11/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of this  
tested report without laboratory approval

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

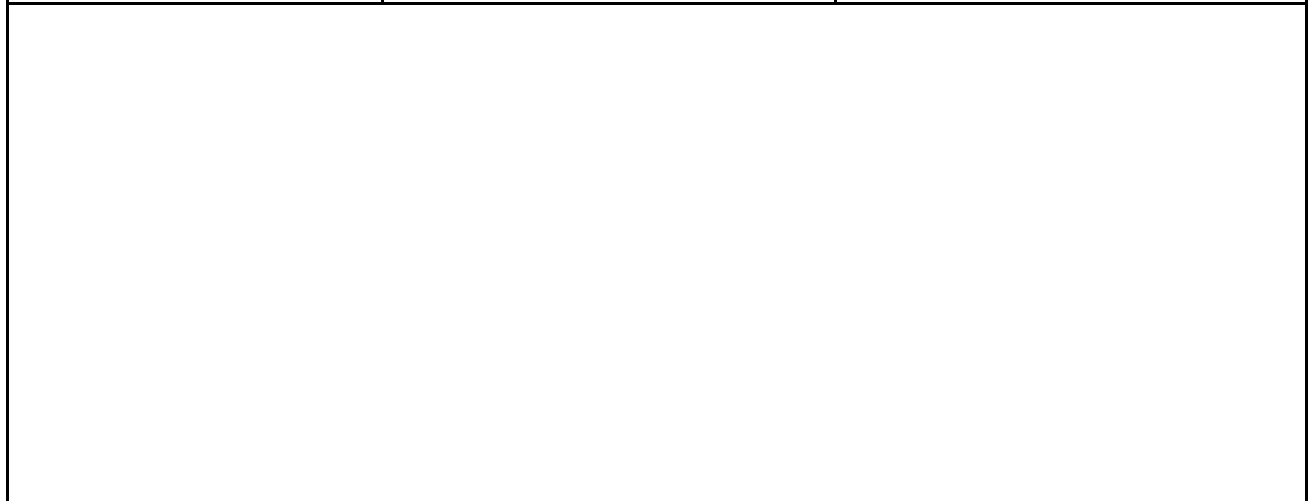
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

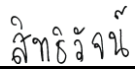
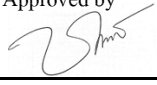
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 14/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
14/11/2022 9:00:00 AM	55.6	80.4
14/11/2022 10:00:00 AM	56.5	81.2
14/11/2022 11:00:00 AM	55.6	80.2
14/11/2022 12:00:00 PM	54.9	82.3
14/11/2022 1:00:00 PM	54.8	82.6
14/11/2022 2:00:00 PM	55.4	83.6
14/11/2022 3:00:00 PM	55.4	75.6
14/11/2022 4:00:00 PM	54.6	74.5
<b>Eighth Hours Measurement</b>	<b>55.4</b>	<b>80.1</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

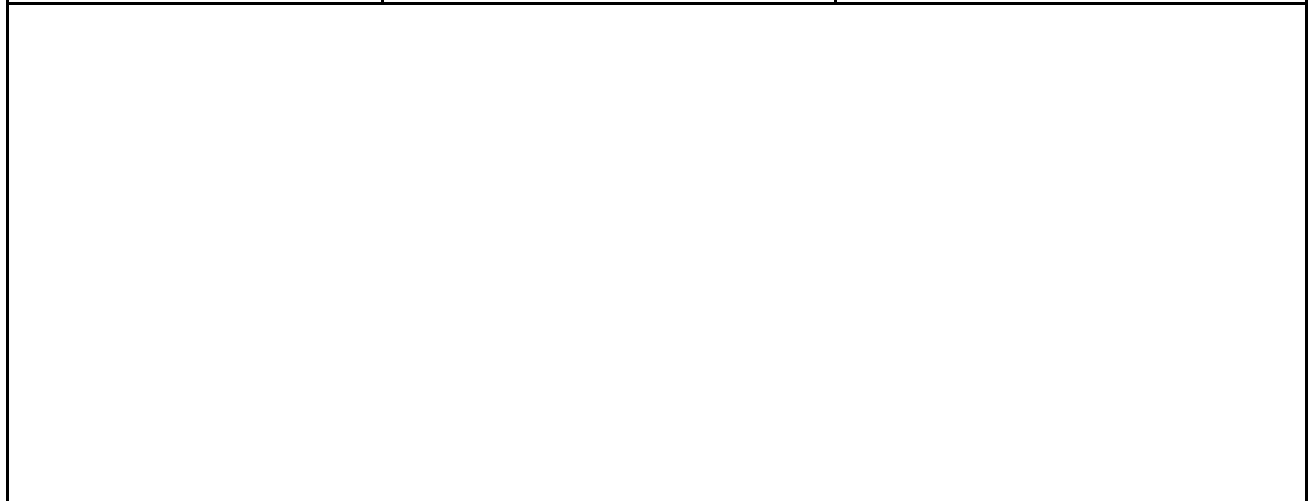
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

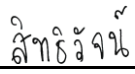
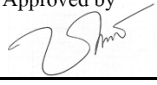
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 15/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
15/11/2022 9:00:00 AM	60.4	86.8
15/11/2022 10:00:00 AM	60.5	87.5
15/11/2022 11:00:00 AM	61.2	86.5
15/11/2022 12:00:00 PM	62.3	88.6
15/11/2022 1:00:00 PM	61.5	65.4
15/11/2022 2:00:00 PM	61.3	65.1
15/11/2022 3:00:00 PM	62.3	65.4
15/11/2022 4:00:00 PM	59.6	66.5
<b>Eighth Hours Measurement</b>	<b>61.1</b>	<b>76.5</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

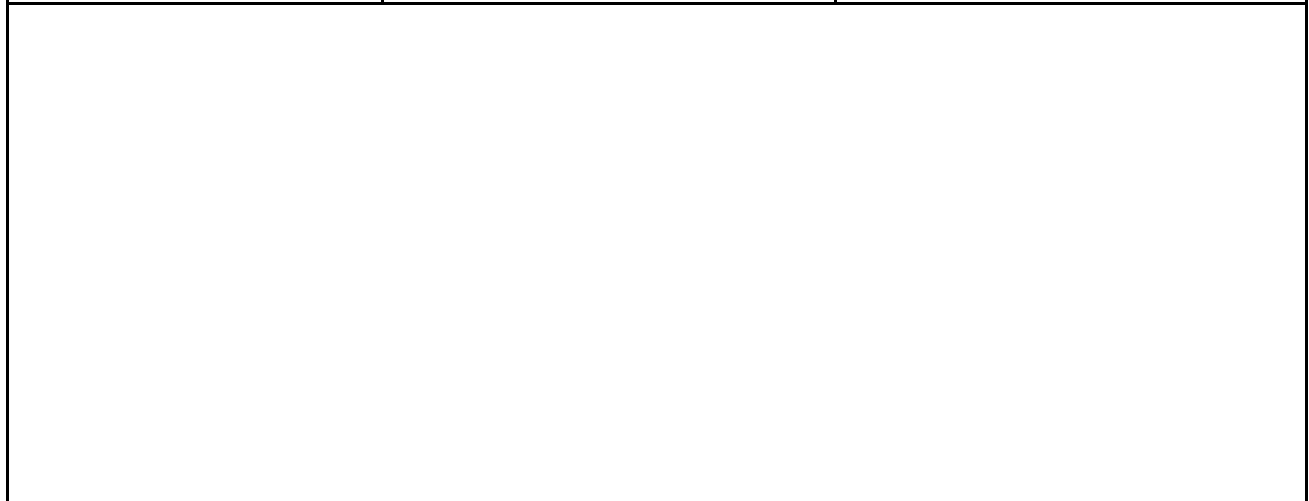
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

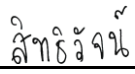
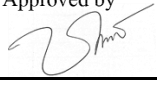
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 16/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
16/11/2022 9:00:00 AM	61.2	70.4
16/11/2022 10:00:00 AM	61.3	70.2
16/11/2022 11:00:00 AM	61.5	70.3
16/11/2022 12:00:00 PM	61.3	70.3
16/11/2022 1:00:00 PM	60.2	71.2
16/11/2022 2:00:00 PM	60.3	71.5
16/11/2022 3:00:00 PM	60.5	75.6
16/11/2022 4:00:00 PM	62.3	75.6
<b>Eighth Hours Measurement</b>	<b>61.1</b>	<b>71.9</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

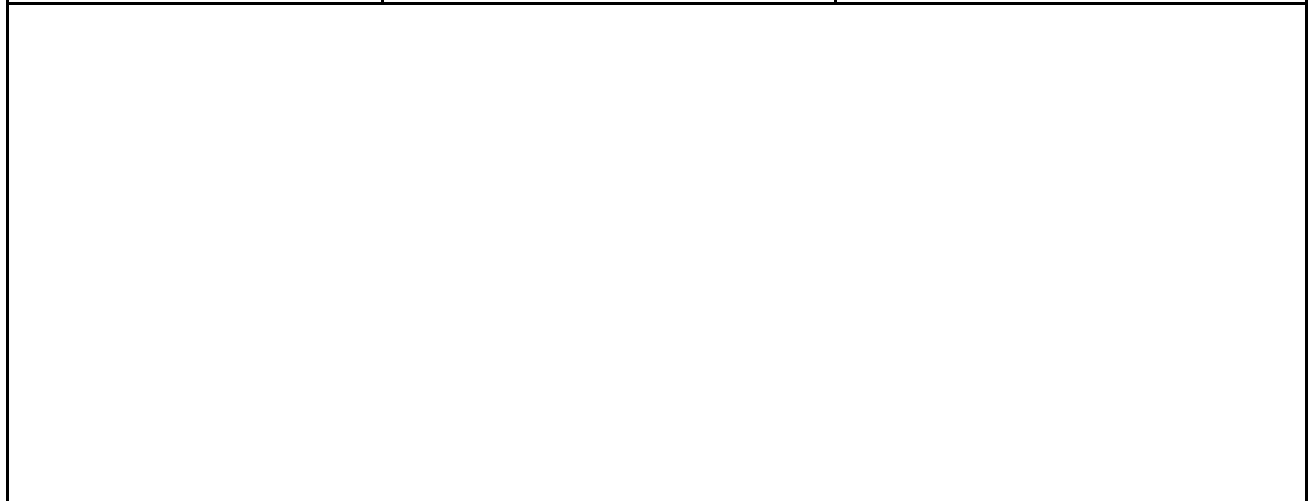
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

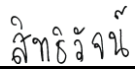
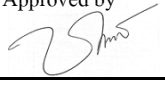
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 17/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
17/11/2022 9:00:00 AM	62.3	70.2
17/11/2022 10:00:00 AM	62.5	70.2
17/11/2022 11:00:00 AM	62.5	70.2
17/11/2022 12:00:00 PM	62.3	72.3
17/11/2022 1:00:00 PM	61.2	69.6
17/11/2022 2:00:00 PM	60.3	69.8
17/11/2022 3:00:00 PM	59.6	68.7
17/11/2022 4:00:00 PM	59.6	69.5
<b>Eighth Hours Measurement</b>	<b>61.3</b>	<b>70.1</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

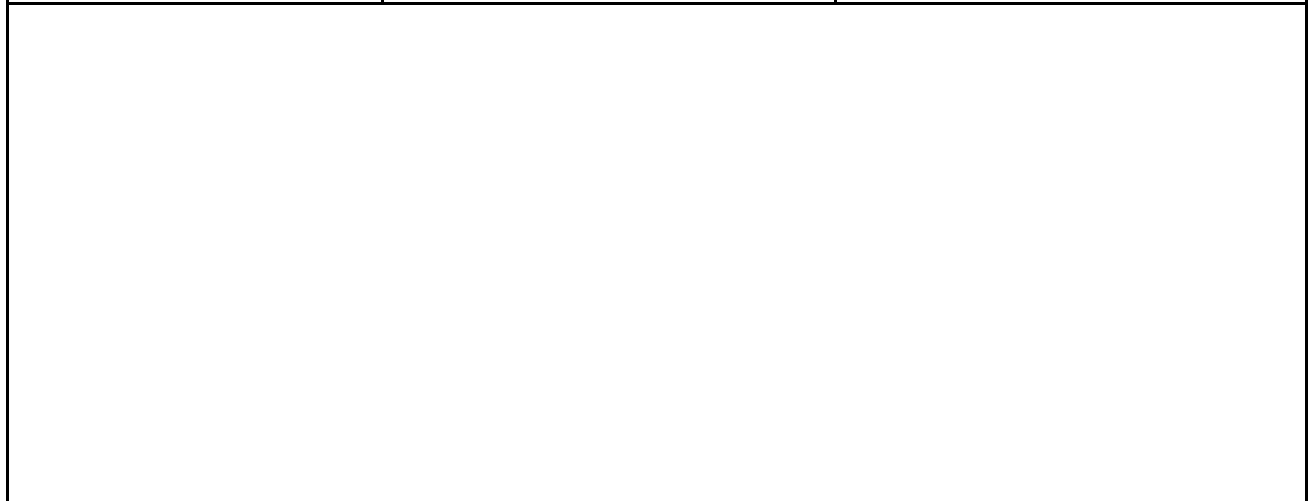
245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

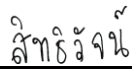
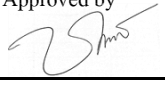
TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 25/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0024	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 21/11/2022 Time : 08.00	Identifier : Sound Level
Tested Date : 21/11/2022	Sample Name : บริเวณโรงเรียนบ้านสระขี้ตู่ (47P 0806473, 16928
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : -
Location : Thai kali Co., Ltd.	Condition of sample : Ambient temperature
Sampling By : Mr. Khanathip Meemongkol	Reference method : ISO 1996-1, 2003

Sample Time	Level Equivalent ( $L_{eq}$ ) (dB(A))	Maximum Level ( $L_{max}$ ) (dB(A))
18/11/2022 9:00:00 AM	62.5	82.3
18/11/2022 10:00:00 AM	62.3	82.3
18/11/2022 11:00:00 AM	63.6	83.6
18/11/2022 12:00:00 PM	62.5	84.2
18/11/2022 1:00:00 PM	62.5	82.3
18/11/2022 2:00:00 PM	61.2	70.5
18/11/2022 3:00:00 PM	60.3	70.4
18/11/2022 4:00:00 PM	60.2	69.6
<b>Eighth Hours Measurement</b>	<b>61.9</b>	<b>78.2</b>



=====END OF REPORT=====		
Tested by  (MR. SITTHIWAT NUNOI) Scientist 25/11/2022	<div>Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval</div>	Approved by  (MISS.CHOTIKA LOYTAVINAN) Deputy Technical Manager 25/11/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 08/09/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0020	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2209-0010		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 02/09/2022 Time : 09.00	Type of testing	: Environment
Received Date	: 02/09/2022 Time : 15.00	Identifier	: Surface Water
Tested Date	: 02/09/2022	Sample Name	: หัวขลอมละลายก่อนผ่านพื้นที่โครงการ
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: Brownish-Turbid
Location	: Thai kali Co., Ltd.	Condition of sample	: Store in cool temperature
Sampling By	: Mr. Khanathip Meemongkol	Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.00	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,495.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	6.90	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	1,301.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	3.62	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.03	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	3.81	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	7.72	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	8.25	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	0.21	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	20.78	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	3,844.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	19.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solide Dried (TS)	mg/L	3,863.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	91.00	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	μS/cm	391.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.36	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

08/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of  
this tested report without laboratory approval.

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

08/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 08/09/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0020	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2209-0011		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 02/09/2022 Time : 09.40	Type of testing	: Environment
Received Date	: 02/09/2022 Time : 15.00	Identifier	: Surface Water
Tested Date	: 02/09/2022	Sample Name	: ห้วยลำชะลอดหลังผ่านพื้นที่โครงการ
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: Brownish-Turbid
Location	: Thai kali Co., Ltd.	Condition of sample	: Store in cool temperature
Sampling By	: Mr. Khanathip Meemongkol	Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.70	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	3,145.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	7.10	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	14,413.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	49.10	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.07	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	16.24	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	7.92	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	817.00	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	0.21	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	6.40	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	8,820.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	12.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solids Dried (TS)	mg/L	8,832.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	2.69	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	µS/cm	391.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.30	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

08/09/2022

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submitted sample(s) only. Do not copy partial of  
this tested report without laboratory approval.

Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

08/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 08/09/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0020	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2209-0012		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 02/09/2022 Time : 10.20	Type of testing	: Environment
Received Date	: 02/09/2022 Time : 15.00	Identifier	: Surface Water
Tested Date	: 02/09/2022	Sample Name	: ทางน้ำสาขาห้วยลำมะหลอดตอนกลางพื้นที่โครงการ
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: Brownish-Turbid
Location	: Thai kali Co., Ltd.	Condition of sample	: Store in cool temperature
Sampling By	: Mr. Khanathip Meemongkol	Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.30	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,895.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	6.90	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	1,001.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	1.95	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.04	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	1.43	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	8.46	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	2.71	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	0.21	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	16.03	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	186.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	84.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solide Dried (TS)	mg/L	270.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	19.00	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	μS/cm	391.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.36	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

08/09/2022

Report results refer to tested parameter(s) of  
submitted sample(s) only. Do not copy partial of  
this tested report without laboratory approval.

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

08/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 08/09/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0020	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2209-0013		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 02/09/2022	Time	: 11.00
Received Date	: 02/09/2022	Time	: 15.00
Tested Date	: 02/09/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Surface Water
Location	: Thai kali Co., Ltd.	Sample Name	: ห้วยลำสูงหลังผ่านห้วยลำมะหลอดมาบรรจบ
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: Brownish-Turbid
		Condition of sample	: Store in cool temperature
		Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.50	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	3,045.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	7.30	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	3,203.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	12.60	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.06	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	4.20	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	8.35	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	149.10	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	0.21	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	17.40	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	5,376.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	8.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solids Dried (TS)	mg/L	5,384.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	5.06	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	µS/cm	391.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.37	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

08/09/2022

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Approved by

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

08/09/2022





## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 08/09/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0020	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2209-0014		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 02/09/2022 Time : 13.20	Type of testing	: Environment
Received Date	: 02/09/2022 Time : 15.00	Identifier	: Surface Water
Tested Date	: 02/09/2022	Sample Name	: ทางน้ำสาขาห้วยคลองแคด้านตะวันออกพื้นที่โครงการ
Submitted By	: C E Lab&Consulting Co., Ltd.	Sample Observation	: Brownish-Turbid
Location	: Thai kali Co., Ltd.	Condition of sample	: Store in cool temperature
Sampling By	: Mr. Khanathip Meemongkol	Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.85	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,945.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	6.50	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	2,502.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	9.30	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.04	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	3.62	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	8.03	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	47.00	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	0.21	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	7.90	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup> B.
13	Total Dissolved Solids (TDS)	mg/L	4,588.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	26.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solids Dried (TS)	mg/L	4,614.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	7.60	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	µS/cm	391.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.37	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

08/09/2022

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Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

08/09/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 08/09/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0020	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2209-0015		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 02/09/2022	Time	: 14.00
Received Date	: 02/09/2022	Time	: 15.00
Tested Date	: 02/09/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Surface Water
Location	: Thai kali Co., Ltd.	Sample Name	: สระน้ำ
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: Brownish-Turbid
		Condition of sample	: Store in cool temperature
		Lot Number	: -

Seq.	Parameter	Unit	Results	Test Method	Reference Method
1	Arsenic (As)	mg/L	N.D.	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
2	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	1.00	BOD-5 Day, Azide Modification	APHA, AWWA&WEF (2017), 5210 B
3	Chloride (Cl <sup>-</sup> )	mg/L	2,420.00	Argentometric Method	APHA, AWWA&WEF (2017), 4500-Cl <sup>-</sup> B.
4	Dissolved Oxygen (DO)	mg/L	7.15	Azide Modification	APHA, AWWA&WEF (2017), 4500-O C.
5	Total Hardness (as CaCO <sub>3</sub> <sup>2-</sup> )	mg/L	1,501.00	EDTA Titrimetric Method	APHA, AWWA&WEF (2017), 2340 C.
6	Magnesium (Mg)	mg/L	5.83	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
7	Phosphorus (P)	mg/L	0.08	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
8	Potassium (K)	mg/L	3.67	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
9	pH Value @25 °C	-	8.42	Electrometric Method	APHA, AWWA&WEF (2017), 4500-H <sup>+</sup> B.
10	Sodium (Na)	mg/L	8.82	ICP-OES	APHA, AWWA&WEF (2017), 3120 B
11	Salinity*	PPT	0.21	Electrical Conductivity Method	APHA, AWWA&WEF (2017), 2520 B.
12	Sulphate (SO <sub>4</sub> <sup>2-</sup> )	mg/L	5.97	Turbidimetric Method	APHA, AWWA&WEF (2017), 4500-SO <sub>4</sub> <sup>2-</sup>
13	Total Dissolved Solids (TDS)	mg/L	3,269.00	Dried at 180 °C	APHA, AWWA&WEF (2017), 2540 C.
14	Total Suspended Solids (TSS)	mg/L	5.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 D.
15	Total Solids Dried (TS)	mg/L	3,274.00	Dried at 103-105 °C	APHA, AWWA&WEF (2017), 2540 B.
16	Turbidity	NTU	3.20	Nephelometric Method	APHA, AWWA&WEF (2017), 2130 B.
17	Electrical Conductivity (EC)	µS/cm	391.00	Laboratory Method	APHA, AWWA&WEF (2017), 2510 B.
18	Iron (Fe)	mg/L	0.37	ICP-OES	APHA, AWWA&WEF (2017), 3120 B

Remarks : N.D. = Lower than Limit of Detection (LOD), LOD of Arsenic (As) = 0.010 mg/L

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิวิวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

08/09/2022

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

08/09/2022

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com


### Testing Report

Report Date : 15/01/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0001	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2201-0159	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 11/01/2022 Time : 09.00	Type of testing : Environment
Received Date : 11/01/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 11/01/2022	Sample Name : บ่อสังเกตการณ์ที่ 1
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.88	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	6.00	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
15/01/2022

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(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
15/01/2022





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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 15/01/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0001	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2201-0161	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 11/01/2022 Time : 09.20	Type of testing : Environment
Received Date : 11/01/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 11/01/2022	Sample Name : บ่อสังเกตการณ์ที่ 3
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.42	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	7.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

15/01/2022

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MISS. CHOTIKA LOYTAVINAN

(MISS. CHOTIKA LOYTAVINAN)

Deputy Technical Manager

15/01/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 15/01/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0001	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2201-0162	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 11/01/2022 Time : 09.30	Type of testing : Environment
Received Date : 11/01/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 11/01/2022	Sample Name : บ่อสังเกตการณ์ที่ 4
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.39	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	10.50	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

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Scientist

15/01/2022

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MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

15/01/2022



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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 15/01/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0001	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2201-0163	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 11/01/2022 Time : 09.40	Type of testing : Environment
Received Date : 11/01/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 11/01/2022	Sample Name : บ่อสังเกตการณ์ที่ 5
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.20	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	10.80	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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Scientist

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Deputy Technical Manager

15/01/2022



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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 15/01/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0001	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2201-0164	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 11/01/2022 Time : 10.00	Type of testing : Environment
Received Date : 11/01/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 11/01/2022	Sample Name : บ่อสังเกตการณ์ที่ 6
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.18	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	11.40	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

15/01/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

15/01/2022





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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com


### Testing Report

Report Date : 15/01/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0001	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2201-0165	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 11/01/2022 Time : 10.10	Type of testing : Environment
Received Date : 11/01/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 11/01/2022	Sample Name : บ่อสังเกตการณ์ที่ 7
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	2.07	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	10.40	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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Scientist  
15/01/2022

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Deputy Technical Manager  
15/01/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 15/01/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0001	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2201-0166	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 11/01/2022 Time : 10.30	Type of testing : Environment
Received Date : 11/01/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 11/01/2022	Sample Name : บ่อสังเกตการณ์ที่ 8
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	10.98	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	2.00	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

=====END OF REPORT=====

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

15/01/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

15/01/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 15/01/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0001	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2201-0167	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 11/01/2022 Time : 10.45	Type of testing : Environment
Received Date : 11/01/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 11/01/2022	Sample Name : บ่อสังเกตการณ์ที่ 11
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	19.56	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	3.50	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

15/01/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

15/01/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 15/01/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0001	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2201-0168	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 11/01/2022 Time : 11.00	Type of testing : Environment
Received Date : 11/01/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 11/01/2022	Sample Name : บ่อสังเกตการณ์ที่ 12
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	14.46	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	8.40	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

15/01/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

15/01/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com


## Testing Report

Report Date	: 02/03/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0004	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2202-0349		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 24/02/2022	Time	: 09.00
Received Date	: 24/02/2022	Time	: 13.00
Tested Date	: 24/02/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Underground Water
Location	: Thai kali Co., Ltd.	Sample Name	: บ่อสังเกตการณ์ที่ 1
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: Clear/Transparent
		Condition of sample	: Cool temperature
		Lot Number	: -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.79	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	6.30	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
02/03/2022

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this tested report without laboratory approval.

Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
02/03/2022

# Testing Report

Report Date : 02/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0004	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2202-0350	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date: 24/02/2022      Time : 09.20	Type of testing : Environment
Received Date: 24/02/2022      Time : 13.00	Identifier : Underground Water
Tested Date : 24/02/2022	Sample Name : บ่อสังเกตการณ์ที่ 2
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	7.58	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	5.90	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////END OF REPORT

Tested by

สัปดาห์ที่ ๑

(MR. SITTHIWAT NUNOI)

Scientist

02/03/2022

Approved by \_\_\_\_\_



(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

02/03/2022

**Report results refer to tested parameter(s) of submitted sample(s) only. Do not copy partial of this tested report without laboratory approval.**



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 02/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0004	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2202-0351	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/02/2022 Time : 09.40	Type of testing : Environment
Received Date : 24/02/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 24/02/2022	Sample Name : บ่อสังเกตการณ์ที่ 3
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.37	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	7.60	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สิทธีวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

02/03/2022

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Approved by

ชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

02/03/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 02/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0004	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2202-0352	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/02/2022 Time : 10.00	Type of testing : Environment
Received Date : 24/02/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 24/02/2022	Sample Name : บ่อสังเกตการณ์ที่ 4
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.34	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	11.00	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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Deputy Technical Manager

02/03/2022





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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 02/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0004	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2202-0353	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/02/2022 Time : 10.20	Type of testing : Environment
Received Date : 24/02/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 24/02/2022	Sample Name : บ่อสังเกตการณ์ที่ 5
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.16	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	10.20	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สัทธวัจน์

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02/03/2022

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Deputy Technical Manager

02/03/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 02/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0004	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2202-0354	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/02/2022 Time : 10.30	Type of testing : Environment
Received Date : 24/02/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 24/02/2022	Sample Name : บ่อสังเกตการณ์ที่ 6
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.19	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	12.00	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

02/03/2022

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Deputy Technical Manager

02/03/2022

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com


**Testing Report**

Report Date	: 02/03/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0004	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2202-0355		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 24/02/2022	Time	: 10.50
Received Date	: 24/02/2022	Time	: 13.00
Tested Date	: 24/02/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Underground Water
Location	: Thai kali Co., Ltd.	Sample Name	: บ่อสังเกตการณ์ที่ 7
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: Clear/Transparent
		Condition of sample	: Cool temperature
		Lot Number	: -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	2.14	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	2.20	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

=====END OF REPORT=====

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Scientist  
02/03/2022

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Deputy Technical Manager  
02/03/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

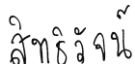
## Testing Report

Report Date	: 02/03/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0004	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2202-0356		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 24/02/2022	Time	: 11.10
Received Date	: 24/02/2022	Time	: 13.00
Tested Date	: 24/02/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Underground Water
Location	: Thai kali Co., Ltd.	Sample Name	: บ่อสังเกตการณ์ที่ 8
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: Clear/Transparent
		Condition of sample	: Cool temperature
		Lot Number	: -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	10.69	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	1.50	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

=====END OF REPORT=====

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
02/03/2022

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Deputy Technical Manager  
02/03/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 02/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0004	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2202-0357	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/02/2022 Time : 11.30	Type of testing : Environment
Received Date : 24/02/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 24/02/2022	Sample Name : บ่อสังเกตการณ์ที่ 11
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	19.44	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	4.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สิทธีวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

02/03/2022

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Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

02/03/2022



# C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 02/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0004	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2202-0358	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 24/02/2022 Time : 11.45	Type of testing : Environment
Received Date : 24/02/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 24/02/2022	Sample Name : บ่อสังเกตการณ์ที่ 12
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	14.20	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	8.00	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สิทธีวัฒน์

(MR. SITTHIWAT NUNOI)

Scientist

02/03/2022

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Approved by

ชชชชชชชช

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

02/03/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com


### Testing Report

Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0276	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 09.00	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 1
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.80	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	5.90	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

=====END OF REPORT=====

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
29/03/2022

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(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
29/03/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0277	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 09.20	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 2
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	7.86	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	6.00	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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Deputy Technical Manager  
29/03/2022





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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0278	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 09.40	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 3
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.44	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	7.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

สีทิธวัจน์

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Scientist

29/03/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

29/03/2022



## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

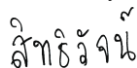
Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0279	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 10.00	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 4
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.43	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	10.60	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by



(MR. SITTHIWAT NUNOI)

Scientist

29/03/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

29/03/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0280	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 10.20	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 5
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.22	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	10.00	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

29/03/2022

Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

29/03/2022

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0281	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 10.30	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 6
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.25	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	11.30	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

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29/03/2022

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Deputy Technical Manager  
29/03/2022



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### Testing Report

Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0282	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 10.50	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 7
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	2.18	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	2.30	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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### Testing Report

Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0283	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 11.10	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 8
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	10.19	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	1.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

=====END OF REPORT=====

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29/03/2022

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0284	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 11.30	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 11
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	19.51	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	3.60	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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Scientist

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 29/03/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0008	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2203-0285	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 23/03/2022 Time : 11.50	Type of testing : Environment
Received Date : 23/03/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 23/03/2022	Sample Name : บ่อสังเกตการณ์ที่ 12
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	14.14	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	8.00	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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สัทธวิวัฒน์

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### Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0049	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 08.30	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 1
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.01	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	4.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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Deputy Technical Manager  
24/04/2022



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## Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0050	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 08.45	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 2
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	11.03	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	5.20	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สีทิธิวัฒน์

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Scientist

24/04/2022

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สีทิธิวัฒน์

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Deputy Technical Manager

24/04/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0051	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 09.00	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 3
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.43	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	6.50	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

24/04/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

24/04/2022

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### Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0052	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 09.20	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 4
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.40	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	7.80	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

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Scientist

24/04/2022

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Deputy Technical Manager

24/04/2022



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### Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0053	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 09.40	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 5
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.67	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	9.40	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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สัทธวิวัฒน์

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Deputy Technical Manager

24/04/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

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TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0054	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 10.00	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 6
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.07	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	8.90	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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Deputy Technical Manager

24/04/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

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### Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0055	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 10.20	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 7
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	2.10	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	3.50	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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## Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0056	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 10.40	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 8
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	11.88	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	2.90	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

=====END OF REPORT=====

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## C E LAB & CONSULTING CO., LTD.

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0057	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 11.00	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 11
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	20.17	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	5.00	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

24/04/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

24/04/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 24/04/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0009	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2204-0058	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 18/04/2022 Time : 11.30	Type of testing : Environment
Received Date : 18/04/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 18/04/2022	Sample Name : บ่อสังเกตการณ์ที่ 12
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	14.52	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	6.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

24/04/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

24/04/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com


## Testing Report

Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0001	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 08.30	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 1
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.65	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	3.70	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

=====END OF REPORT=====

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
13/11/2022

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Deputy Technical Manager  
13/11/2022



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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0002	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 08.40	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 2
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	13.30	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	8.20	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สีทิธวัจน์

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Scientist

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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0003	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 09.00	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 3
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.20	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	7.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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13/11/2022



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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

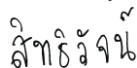
Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0004	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 09.20	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 4
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.15	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	5.80	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0005	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 09.40	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 5
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.03	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	7.20	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

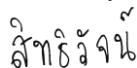
Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0006	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 10.00	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 6
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.60	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	4.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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Tested by



(MR. SITTHIWAT NUNOI)

Scientist

13/11/2022

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(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

13/11/2022





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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com


### Testing Report

Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0007	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 10.20	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 7
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.61	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	2.90	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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Scientist  
13/11/2022

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(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
13/11/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 13/11/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0023	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2211-0008		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 07/11/2022	Time	: 10.40
Received Date	: 07/11/2022	Time	: 13.10
Tested Date	: 07/11/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Underground Water
Location	: Thai kali Co., Ltd.	Sample Name	: บ่อสังเกตการณ์ที่ 8
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: Clear/Transparent
		Condition of sample	: Cool temperature
		Lot Number	: -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	20.66	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	1.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

=====END OF REPORT=====

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

13/11/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

13/11/2022

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0009	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 11.30	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 9
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	29.67	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	1.30	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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Deputy Technical Manager

13/11/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0010	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 11.30	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 10
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	5.85	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	0.80	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

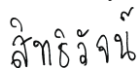
Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 11.00	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 11
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	14.54	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	6.90	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 13/11/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0023	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2211-0012	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 07/11/2022 Time : 11.30	Type of testing : Environment
Received Date : 07/11/2022 Time : 13.10	Identifier : Underground Water
Tested Date : 07/11/2022	Sample Name : บ่อสังเกตการณ์ที่ 12
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	10.30	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	7.60	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

13/11/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

13/11/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com


### Testing Report

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0005	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 08.30	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 1
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.80	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	3.60	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

=====END OF REPORT=====

Tested by  
  
(MR. SITTHIWAT NUNOI)  
Scientist  
12/12/2022

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Approved by  
  
(MISS.CHOTIKA LOYTAVINAN)  
Deputy Technical Manager  
12/12/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0006	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 08.40	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 2
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	14.81	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	7.90	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

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Scientist

12/12/2022

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Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

12/12/2022



# Testing Report

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0007	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022      Time : 09.00	Type of testing : Environment
Received Date : 06/12/2022      Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 3
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.30	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	6.80	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////END OF REPORT

Tested by

สัทธัตถ์

(MR. SITTHIWAT NUNOI)

Scientist

12/12/2022

Approved by \_\_\_\_\_

25/11/2015

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

12/12/2022

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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

## Testing Report

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0008	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 09.20	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 4
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.27	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	6.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สีทิธวัจน์

(MR. SITTHIWAT NUNOI)

Scientist

12/12/2022

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Approved by

MISS.CHOTIKA LOYTAVINAN

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

12/12/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0009	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 09.40	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 5
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.21	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	6.30	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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Deputy Technical Manager

12/12/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0010	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 10.00	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 6
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	0.65	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	3.80	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

Tested by

สีทิธวัจน์

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ชชชชชช

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Deputy Technical Manager

12/12/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com


### Testing Report

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0011	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 10.20	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 7
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	1.49	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	2.80	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

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(MR. SITTHIWAT NUNOI)  
Scientist  
12/12/2022

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Deputy Technical Manager  
12/12/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date	: 12/12/2022	Client	: Thai kali Co., Ltd.
Report No.	: EN22-0025	Address	: 333 Moo 4, Nong sai sub-district,
Sampling No.	: QCLC2212-0012		Dan khun thot district, Nakhon ratchasima 36220
Sampling Date	: 06/12/2022	Time	: 10.40
Received Date	: 06/12/2022	Time	: 13.00
Tested Date	: 06/12/2022	Type of testing	: Environment
Submitted By	: C E Lab&Consulting Co., Ltd.	Identifier	: Underground Water
Location	: Thai kali Co., Ltd.	Sample Name	: บ่อสังเกตการณ์ที่ 8
Sampling By	: Mr. Khanathip Meemongkol	Sample Observation	: Clear/Transparent
		Condition of sample	: Cool temperature
		Lot Number	: -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	21.17	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	1.60	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

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Scientist  
12/12/2022

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Deputy Technical Manager  
12/12/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0013	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 11.30	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 9
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	29.46	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	1.10	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

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Scientist

12/12/2022

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Deputy Technical Manager

12/12/2022



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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0014	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 11.30	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 10
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	6.01	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	0.90	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

////////////////////////////////////END OF REPORT////////////////////////////////////

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Scientist

12/12/2022

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Deputy Technical Manager

12/12/2022





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245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

### Testing Report

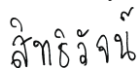
Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0015	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 11.00	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 11
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	15.93	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	5.80	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by



(MR. SITTHIWAT NUNOI)

Scientist

12/12/2022

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Approved by



(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

12/12/2022

**C E LAB & CONSULTING CO., LTD.**

245 หมู่ที่ 4 ตำบลหนองไทร อำเภอด่านขุนทด จังหวัดนครราชสีมา 36220

245 M. 4 T. Nongsai A. DanKhunThod, Nakorn Ratchasima 36220 THAILAND

TEL. +66 4484 2955 FAX. +66 4484 2955 E-mail : ce-lab@hotmail.com

**Testing Report**

Report Date : 12/12/2022	Client : Thai kali Co., Ltd.
Report No. : EN22-0025	Address : 333 Moo 4, Nong sai sub-district,
Sampling No. : QCLC2212-0016	Dan khun thot district, Nakhon ratchasima 36220
Sampling Date : 06/12/2022 Time : 11.30	Type of testing : Environment
Received Date : 06/12/2022 Time : 13.00	Identifier : Underground Water
Tested Date : 06/12/2022	Sample Name : บ่อสังเกตการณ์ที่ 12
Submitted By : C E Lab&Consulting Co., Ltd.	Sample Observation : Clear/Transparent
Location : Thai kali Co., Ltd.	Condition of sample : Cool temperature
Sampling By : Mr. Khanathip Meemongkol	Lot Number : -

Seq.	Parameter	Unit	Result	Test Method	Reference Method
1	Salinity	PPT	11.48	Electrical Conductivity	APHA, AWWA&WEF (2017), 2520 B
2	Water Level	Metre	7.30	Field Measurement	-

Reference : Standard Method for Examination of Water and Wastewater, APHA, AWWA&WEF, 23<sup>rd</sup> ed., 2017.

//////////////////////////////////////END OF REPORT//////////////////////////////////////

Tested by

(MR. SITTHIWAT NUNOI)

Scientist

12/12/2022

Approved by

(MISS.CHOTIKA LOYTAVINAN)

Deputy Technical Manager

12/12/2022

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