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บริษัท เบสท์ ชอยส์ เคมีคัลส์ แอนด์ เอ็นจิเนียริ่ง จำกัด

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Tel. (076) 391 320-2 Fax. (076) 391 222



WATER ANALYSIS REPORT

Page 1/7

Customer/Code	Kin Services (Thailand) Company Limited/6K-076	Sampling Date ^[5]	December 17, 2024
Customer Address	28/35 Moo 4, Sakhu Subdistrict, Thalang District, Phuket 83110	Receiving Date	December 18, 2024
Sampling Source ^[5]	Wastewater Treatment Systems	Analyzed Date	December 18, 2024 - January 10, 2025
Sampling Method ^[5]	Grab Sample	Report Date	January 13, 2025
Sampling By ^[5]	Miss. Yonlatda Thaneerat (จ-250-ท-0003)	Report No.	PKT6712111

Sampling Name ^[5]	Effluent
Sampling Time ^[5]	10.20 AM
Analysis No.	25674721

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
1. pH at 25.0°C	-	SM : 4500-H ⁺ B	6.4	5.5-9.0
2. Biochemical Oxygen Demand ^[3]	mg/L	SM : 5210 B	5.3	≤ 40.0
3. Total Suspended Solids	mg/L	SM : 2540 D	4.4	≤ 50.0
4. Total Dissolved Solids	mg/L	SM : 2540 C	251	≤ 1300
5. Oil & Grease ^[3]	mg/L	SM : 5520 B	1.2	≤ 20.0
6. Sulfide ^[3]	mg/L	SM : 4500-S ²⁻ F	0.2	≤ 1.0
7. Total Kjeldahl Nitrogen ^[3]	mg/L	SM : 4500 N _{org} B	8.2	≤ 40.0

Physical Appearance Sample 25674721 :: Clear, yellow liquid, no sediment Container : Normal PE 2.0 L,G 1.0 L

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 24th Edition 2023

[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated June 28, 2024 published in the Royal Government Gazette (Building Class C), Volume 141, Special Section 233D, dated 27 August 2024.

[3] : Outside the scope of certification, TIS 17025-2561, test number 0548

[4] : Information received from customers

Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka (จ-250-ท-0004)

Laboratory Analyst

13 / 1 / 25

Aproved By :

Miss. Saowapa Nukaew

Miss. Saowapa Nukaew (จ-250-ท-0002)

Laboratory Manager

12 / 1 / 25

ACCREDITED LABORATORY GLP/DIW 2550

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ห้องปฏิบัติการวิเคราะห์เอกชน
เลขทะเบียน จ-250

FM-QP-13/01 Rev.02

Date announced for January 02, 2024

The results of analysis are valid for the submitted sample only.

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Sampling Method ^[3]	Grab Sample	Report Date	January 13, 2025
Sampling By ^[3]	Miss. Yonlatda Thaneerat	Report No.	PKT6712111

Sampling Name ^[3]	Effluent
Sampling Time ^[3]	10.20 AM
Analysis No.	25674721

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
8. Settleable Solids ^[2]	ml/L	SM : 2540 F	Not Detected	-
9. Ammonia- Nitrogen ^[2]	mg/L	SM : 4500-NH ₃ C	6.1	-
10. Organic -Nitrogen ^[2]	mg/L	SM : 4500-NH ₃ C	2.2	-

Physical Appearance Sample 25674721 :: Clear, yellow liquid, no sediment Container : Normal PE 1.0 L, PE 2.0 L, G 0.5 L

REMARK [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 24th Edition 2023
[2] : Outside the scope of certification, TIS 17025-2561, test number 0548
[3] : Information received from customers

Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

01/18

Aproved By :

สมิสา นุกาแว

Miss. Saowapa Nukaew

Laboratory Manager

01/18

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ห้องปฏิบัติการวิเคราะห์เอกชน

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Customer Address	28/35 Moo 4, Sakhu Subdistrict, Thalang District, Phuket 83110	Receiving Date	December 18, 2024
Sampling Source ^[3]	Storage Tank	Analyzed Date	December 18, 2024 - January 10, 2025
Sampling Method ^[3]	Grab Sample	Report Date	January 13, 2025
Sampling By ^[3]	Miss. Yonlatda Thaneerat (ว-250-ท-0003)	Report No.	PKT6712111

Sampling Name ^[3]	Water Supply
Sampling Time ^[3]	10.30 AM
Analysis No.	25674723

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
1. pH at 24.9°C	-	SM : 4500-H ⁺ B	7.0	6.5-8.5

Physical Appearance Sample 25674723 : Clear liquid, colorless, no sediment Container Normal : PE 4.0 L,G 1.0 L

REMARK [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 24th Edition 2023
[2] : Quality of Water Supply Authority. As recommended by the World Health Organization (WHO) in 2011.
[3] : Information received from customers

Reported By :

จันทิพย์ มิตตะกะ
Miss. Jantip Mittaka (ว-250-ท-0004)

Laboratory Analyst

13/1/68

Aproved By :

สาอวพา นุกาอว
Miss. Saowapa Nukaew (ว-250-ท-0002)

Laboratory Manager

13/1/68

ACCREDITED LABORATORY GLP/DIW 2550



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ห้องปฏิบัติการวิเคราะห์เอกชน
เลขทะเบียน ว-250

FM-QP-13/01 Rev.02

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WATER ANALYSIS REPORT

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Customer Address	28/35 Moo 4, Sakhu Subdistrict, Thalang District, Phuket 83110	Receiving Date	December 18, 2024
Sampling Source ^[4]	Storage Tank	Analyzed Date	December 18, 2024 - January 10, 2025
Sampling Method ^[4]	Grab Sample	Report Date	January 13, 2025
Sampling By ^[4]	Miss. Yonlatda Thaneerat	Report No.	PKT6712111

Sampling Name ^[4]	Water Supply
Sampling Time ^[4]	10.30 AM
Analysis No.	25674723

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
2. Turbidity ^[3]	NTU	SM : 2130 B	0.6	≤ 4.0
3. Non - Carbonate Hardness ^[3]	mg/L as CaCO ₃	SM : 2330 A	4.0	-
4. Chloride ^[3]	mg/L	SM : 4500- Cl ⁻ B	12.0	≤ 250
5. Iron ^[3]	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.3
6. Color ^[3]	Pt- Co Unit	SM : 2120 B	Not Detected	≤ 15
7. Manganese ^[3]	mg/L	SM : 3500-Mn B	Not Detected	≤ 0.3
8. Nitrate ^[3]	mg/L NO ₃ -N	SM : 4500-NO ₃ ⁻ E	Not Detected	≤ 50
9. Sulfate ^[3]	mg/L	SM : 4500-SO ₄ ²⁻ E	24.0	≤ 250
10. Fluoride ^[3]	mg/L F	SM : 4500-F ⁻ E	0.1	≤ 0.7
11. Coliform Bacteria ^[3]	MPN/100 mL	SM : 9221 B	< 1.8 ^[5]	Not Detected
12. Fecal Coliform Bacteria ^[3]	MPN/100 mL	SM : 9221 E	< 1.8 ^[5]	Not Detected

Physical Appearance Sample 25674723 : Clear liquid, colorless, no sediment Container Normal : PE 4.0 L, G 1.0 L

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 24th Edition 2023

[2] : Quality of Water Supply Authority. As recommended by the World Health Organization (WHO) in 2011.

[3] : Outside the scope of certification, TIS 17025-2561, test number 0548

[4] : Information received from customers

[5] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

19/1/25

Approved By :

Miss. Saowapa Nukaew

Laboratory Manager

19/1/25



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ห้องปฏิบัติการวิเคราะห์เอกชน

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Sampling Method ^[5]	Grab Sample	Report Date	January 13, 2025
Sampling By ^[5]	Miss. Yonlatda Thaneerat	Report No.	PKT6712111

Sampling Name ^[5]	Water Supply
Sampling Time ^[5]	10.30 AM
Analysis No.	25674723

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
13. E.Coli ^[3]	MPN/100 mL	SM : 9221 F	Not Detected	Not Detected
14. Standard Plate Count ^[3]	CFU/mL	SM : 9222 B	Not Detected	-
15. Copper ^[3]	mg/L Cu	SM : 3111 B	Not Detected	≤ 2.0
16. Zinc ^[3]	mg/L Zn	SM : 3111 B	Not Detected	≤ 3.0
17. Total Solids ^[3]	mg/L	SM : 2540 C	68.0	-
18. Lead ^{[3][4][7]}	mg/L Pb	SM : 3111 B	0.0060	≤ 0.01
19. Cadmium ^{[3][4][6]}	mg/L Cd	SM : 3111 B	0.0002	≤ 0.003
20. Arsenic ^{[3][4][6]}	mg/L As	SM : 3114 C	Not Detected	≤ 0.01
21. Mercury ^{[3][4][6]}	mg/L Hg	SM : 3112 B	Not Detected	≤ 0.001
22. Selenium ^{[3][4][6]}	mg/L Se	SM : 3114 C	Not Detected	≤ 0.01
23. Cyanide ^{[3][4][6]}	mg/L CN ⁻	SM : 4500-CN- C & SM : 4500-CN- E	Not Detected	≤ 0.07

Physical Appearance Sample 25674723 : Clear liquid, colorless, no sediment Container Normal : PE 4.0 L,G 1.0 L

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 24th Edition 2023

[2] : Quality of Water Supply Authority. As recommended by the World Health Organization (WHO) in 2011.

[3] : Outside the scope of certification, TIS 17025-2561, test number 0548

[4] : Information received from customers

[5] : Use subcontracting services from the Product Standards Testing Center. Phuket Rajabhat University

Reported By : จันทิพ มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

13/1/25

Approved By : Miss. Saowapa Nukaew

Miss. Saowapa Nukaew

Laboratory Manager

13/1/25



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แจ้งให้ทราบถึงผลการวิเคราะห์

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Sampling By ^[3]	Miss. Yonlatda Thaneerat (ว-250-ท-0003)	Report No.	PKT6712111

Sampling Name ^[3]	Raw Water
Sampling Time ^[3]	10.28 AM
Analysis No.	25674722

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
1. pH at 25°C	-	SM : 4500-H ⁺ B	6.4	6.5-8.5
2. Total Dissolved Solids	mg/L	SM : 2540 C	130	≤ 600

Physical Appearance	Sample 25674722 : Clear liquid, colorless, no sediment	Container Normal : PE 500 mL
REMARK	[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 24th Edition 2023 [2] : Quality of Water Supply Authority. As recommended by the World Health Organization (WHO) in 2011. [3] : Information received from customers	

Reported By :

จันทิพณ์ มิตราก
Miss. Jantip Mittaka (ว-250-ท-0004)
Laboratory Analyst
13/1/25

Approved By :

สาอวพา นุกาอ
Miss. Saowapa Nukaew (ว-250-ท-0002)
Laboratory Manager
13/1/25



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Sampling By ^[4]	Miss. Yonlatda Thaneerat	Report No.	PKT6712111

Sampling Name ^[4]	Raw Water
Sampling Time ^[4]	10.28 AM
Analysis No.	25674722

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
3. Turbidity ^[3]	NTU	SM : 2130 B	1.1	≤ 4.0
4. Total Hardness ^[3]	mg/L as CaCO ₃	SM : 2340 C	48.0	≤ 300
5. Non - Carbonate Hardness ^[3]	mg/L as CaCO ₃	SM : 2350 A	2.0	-
6. Chloride ^[3]	mg/L	SM : 4500- Cl ⁻ B	31.1	≤ 250
7. Iron ^[3]	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.3
8. Color ^[3]	Pt- Co Unit	SM : 2120 B	Not Detected	≤ 15
9. Manganese ^[3]	mg/L	SM : 3500-Mn B	Not Detected	≤ 0.3
10. Nitrate ^[3]	mg/L NO ₃ -N	SM : 4500-NO ₃ ⁻ E	Not Detected	≤ 50
11. Sulfate ^[3]	mg/L	SM : 4500-SO ₄ ²⁻ E	25.0	≤ 250
12. Fluoride ^[3]	mg/L F	SM : 4500-F ⁻ E	0.1	≤ 0.7

Physical Appearance Sample 25674722 : Clear liquid, colorless, no sediment Container Normal : PE 500 mL

REMARK

- [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 24th Edition 2023
 [2] : Quality of Water Supply Authority. As recommended by the World Health Organization (WHO) in 2011.
 [3] : Outside the scope of certification, TIS 17025-2561, test number 0548
 [4] : Information received from customers

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จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

13 / 1 / 25

Approved By :

สาอวพา นุกาเว

Miss. Saowapa Nukaew

Laboratory Manager

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