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บริษัท เบสท์ ชอยส์ เคมีคัลส์ แอนด์ เอ็นจิเนียริ่ง จำกัด

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WATER ANALYSIS REPORT

Page 1/7

Customer/Code	Kin Services (Thailand) Company Limited/6K-076	Sampling Date ^[4]	December 15, 2025
Customer Address	28/35 Moo 4, Sakhu Subdistrict, Thalang District, Phuket 83110	Receiving Date	December 16, 2025
Sampling Source ^[4]	Wastewater Treatment Systems	Analyzed Date	December 16-January 22, 2025
Sampling Method ^[4]	Grab Sample	Report Date	January 23, 2026
Sampling By ^[4]	Miss. Yonlatda Thaneerat (7-250-0-0003)	Report No.	PKT6812140 REV.01

Sampling Name ^[4]	Effluent
Sampling Time ^[4]	10.03 AM
Analysis No.	25685095

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
1. pH at 25.4 °C	-	SM : 4500-H ⁺ B	6.9	5.5-9.0
2. Biochemical Oxygen Demand ^[3]	mg/L	SM : 5210 B	8.3	≤ 40.0
3. Total Suspended Solids	mg/L	SM : 2540 D	3.0	≤ 50.0
4. Total Dissolved Solids	mg/L	SM : 2540 C	178	≤ 1300
5. Oil & Grease ^[3]	mg/L	SM : 5520 B	Not Detected	≤ 20.0
6. Sulfide ^[3]	mg/L	SM : 4500-S ²⁻ F	0.8 ^[5]	≤ 1.0
7. Total Kjeldahl Nitrogen ^[3]	mg/L	SM : 4500 N _{org} B	10.1	≤ 40.0

Physical Appearance Sample 25685095 : Clear liquid, colorless, no sediment Container : Normal PE 1.0 L, 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

[5] : Samples were collected on January 20, 2026, and analysis was completed on January 23, 2026.

Reported By :

Miss. Jantip Mittaka (7-250-0-0004)

Laboratory Analyst

Approved By :

Miss. Saowapa Nukaew (7-250-0-0002)

Laboratory Manager

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ห้องปฏิบัติการวิเคราะห์เอกสาร

FM-QP-13/01 Rev.02

Date announced for January 02, 2024

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Sampling Source ^[3]	Wastewater Treatment Systems	Analyzed Date	December 16-January 22, 2025
Sampling Method ^[3]	Grab Sample	Report Date	January 23, 2026
Sampling By ^[3]	Miss. Yonlatda Thancrat	Report No.	PKT6812140 REV.01

Sampling Name ^[3]	Effluent
Sampling Time ^[3]	10.00 AM
Analysis No.	25685095

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	7.2	-
10. Organic -Nitrogen ^[2]	mg/L	SM : 4500-NH ₃ C	2.9	-

Physical Appearance Sample 25685095 : Clear liquid, colorless, no sediment Container : Normal PE 1.0 L, 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] : Outside the scope of certification, TIS 17025-2561, test number 0548

[3] : Information received from customers

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

23/1/69

Aproved By :

Miss. Saowapa Nukacw

Laboratory Manager

23/1/69

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Customer/Code	Kin Services (Thailand) Company Limited/6K-076	Sampling Date ^[3]	December 15, 2025
Customer Address	28/35 Moo 4, Sakhu Subdistrict, Thalang District, Phuket 83110	Receiving Date	December 16, 2025
Sampling Source ^[3]	Storage Tank	Analyzed Date	December 16-January 22, 2025
Sampling Method ^[3]	Grab Sample	Report Date	January 23, 2026
Sampling By ^[3]	Miss. Vonlatda Thaneerat (1-250-0-0003)	Report No.	PKT6812140 REV.01

Sampling Name ^[3]	Water Supply
Sampling Time ^[3]	10.02 AM
Analysis No.	25685097

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
1. pH at 25.3 °C	-	SM : 4500-H ⁺ B	6.8	6.5-8.5

Physical Appearance Sample 25685097 : 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] : According to the water quality standards of the Provincial Waterworks Authority 2024

[3] : Information received from customers

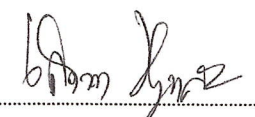
Reported By :


Miss. Jantip Mittaka (1-250-0-0004)

Laboratory Analyst

23.1.69

Aproved By :


Miss. Saowapa Nukaew (1-250-0-0002)

Laboratory Manager

23.1.69

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เลขทะเบียน 1-250

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Sampling Source ^[4]	Storage Tank	Analyzed Date	December 16-January 22, 2025
Sampling Method ^[4]	Grab Sample	Report Date	January 23, 2026
Sampling By ^[4]	Miss. Yonlatda Thaneerat	Report No.	PKT6812140 REV.01

Sampling Name ^[4]	Water Supply
Sampling Time ^[4]	10.02 AM
Analysis No.	25685097

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
2. Turbidity ^[3]	NTU	SM : 2130 B	0.4	≤ 4.0
3. Non - Carbonate Hardness ^[3]	mg/L as CaCO ₃	SM : 2330 A	5.0	-
4. Chloride ^[3]	mg/L	SM : 4500- Cl ⁻ B	14.4	≤ 250
5. Iron ^[3]	mg/L	SM : 3500-Fe B	0.03	≤ 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	≤ 0.08
8. Nitrate ^[3]	mg/L NO ₃ -N	SM : 4500-NO ₃ ⁻ E	10.3	≤ 50
9. Sulfate ^[3]	mg/L	SM : 4500-SO ₄ ²⁻ E	14.0	≤ 250
10. Fluoride ^[3]	mg/L F	SM : 4500-F ⁻ E	0.7	≤ 0.7
11. Total 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 25685097 : 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] : According to the water quality standards of the Provincial Waterworks Authority 2024

[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 :

Miss. Jantip Mittaka

Laboratory Analyst

23.1.26

Approved By :

Miss. Saowapa Nukaew

Laboratory Manager

23.1.26

ACCREDITED LABORATORY GLP/DIW 2550



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จัดตั้งขึ้นโดย : บริษัท

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Sampling Method ^[4]	Grab Sample	Report Date	January 23, 2026
Sampling By ^[4]	Miss. Yonlatda Thaneerat	Report No.	PKT6812140 REV.01

Sampling Name ^[4]	Water Supply
Sampling Time ^[4]	10.02 AM
Analysis No.	25685097

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
13. <i>Escherichia coli</i> ^[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	49.0	-
18. Lead ^[3]	mg/L Pb	SM : 3111 B	0.003	≤ 0.01
19. Cadmium ^[5]	mg/L Cd	SM : 3111 B	Not Detected	≤ 0.003
20. Arsenic ^[5]	mg/L As	SM : 3114 C	Not Detected	≤ 0.01
21. Mercury ^[5]	mg/L Hg	SM : 3112 B	Not Detected	≤ 0.001
22. Selenium ^[5]	mg/L Se	SM : 3114 C	Not Detected	≤ 0.01
23. Cyanide ^[5]	mg/L CN ⁻	SM : 4500-CN- C & SM : 4500-CN- E	Not Detected	≤ 0.07

Physical Appearance Sample 25685097 : Clear liquid, colorless, no sediment Container Normal : PE 4.0 L, G 1.0 L

REMARK

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[2] : According to the water quality standards of the Provincial Waterworks Authority 2024

[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 :

Miss. Jantip Mittaka

Laboratory Analyst

23.1.69

Aproved By :

Miss. Saowapa Nukaew

Laboratory Manager

23.1.69



ACCREDITED LABORATORY GLP/DIW 2550

FM-QP-13/01 Rev.02

Date announced for January 02, 2024

บริษัท เบสท์ ชอยส์ เคมีคัลส์ แอนด์ เอ็นจิเนียริ่ง จำกัด

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Sampling Method ^[3]	Grab Sample	Report Date	January 23, 2026
Sampling By ^[3]	Miss. Yonlatda Thaneerat (1-250-ท-0003)	Report No.	PKT6812140 REV.01

Sampling Name ^[3]	Raw Water
Sampling Time ^[3]	10.00 AM
Analysis No.	25685096

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
1. pH at 25.4°C	-	SM : 4500-H ⁺ B	6.6	6.5-8.5
2. Total Dissolved Solids	mg/L	SM : 2540 C	192	≤ 600

Physical Appearance Sample 25685096 : Clear liquid, colorless, no sediment Container : Normal PE 2.0 L

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

[2] : According to the water quality standards of the Provincial Waterworks Authority 2024

[3] : Information received from customers

Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka (1-250-ท-0004)

Laboratory Analyst

23/1/69

Approved By :

สาอวพา นุกาแวน

Miss. Saowapa Nukaew (1-250-ท-0002)

Laboratory Manager

23/1/69



ACCREDITED LABORATORY GLP/DIW 2550

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เลขทะเบียน 1-250

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Sampling By ^[4]	Miss. Yonlatda Thaneerat	Report No.	PKT6812140 REV.01

Sampling Name ^[4]	Raw Water
Sampling Time ^[4]	10.00 AM
Analysis No.	25685096

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
3. Turbidity ^[3]	NTU	SM : 2130 B	0.5	≤ 4.0
4. Total Hardness ^[3]	mg/L as CaCO ₃	SM : 2340 C	76.0	≤ 300
5. Non - Carbonate Hardness ^[3]	mg/L as CaCO ₃	SM : 2330 A	17.0	-
6. Chloride ^[3]	mg/L	SM : 4500-Cl B	14.4	≤ 250
7. Iron ^[3]	mg/L	SM : 3500-Fe B	0.03	≤ 0.3
8. Color ^[3]	Pt- Co Unit	SM : 2120 B	Not Detected	≤ 15
9. Manganese ^[3]	mg/L	SM : 3500-Mn B	0.04	≤ 0.08
10. Nitrate ^[3]	mg/L NO ₃ -N	SM : 4500-NO ₃ E	17.6	≤ 50
11. Sulfate ^[3]	mg/L	SM : 4500-SO ₄ ²⁻ E	20.0	≤ 250
12. Fluoride ^[3]	mg/L F	SM : 4500-F E	0.2	≤ 0.7

Physical Appearance Sample 25685096 : Clear liquid, colorless, no sediment Container : Normal PE 2.0 L

REMARK

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

[2] : According to the water quality standards of the Provincial Waterworks Authority 2024

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

[4] : Information received from customers

Reported By :

จันทิภา มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

23/1/25

Aproved By :

สาอวพา นุกาอว

Miss. Saowapa Nukaew

Laboratory Manager

23/1/25

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