



WATER ANALYSIS REPORT

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Customer/Code	Naithon Beach Company Limited/6N-047	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 Thancerat (7-250-ก-0003)	Report No.	PKT6812141 REV.01

Sampling Name ^[4]	Effluent
Sampling Time ^[4]	10.08 AM
Analysis No.	25685098

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
1. pH at 25.3 °C	-	SM : 4500-H ⁺ B	7.0	5.5-9.0
2. Biochemical Oxygen Demand ^[3]	mg/L	SM : 5210 B	8.6	≤ 40.0
3. Total Suspended Solids	mg/L	SM : 2540 D	19.2 ^[5]	≤ 50.0
4. Total Dissolved Solids	mg/L	SM : 2540 C	251	≤ 1300
5. Oil & Grease ^[3]	mg/L	SM : 5520 B	2.8	≤ 20.0
6. Sulfide ^[3]	mg/L	SM : 4500-S ²⁻ F	0.8	≤ 1.0
7. Total Kjeldahl Nitrogen ^[3]	mg/L	SM : 4500 N _{org} B	5.5	≤ 40.0

Physical Appearance Sample 25685098 : Clear liquid, colorless, 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

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

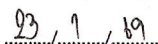
Reported By :


Miss. Jantip Mittaka (7-250-ก-0004)

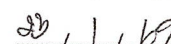
Aproved By :


Miss. Saowapa Nukaew (7-250-ก-0002)

Laboratory Analyst



Laboratory Manager





ACCREDITED LABORATORY GLP/DIW 2550

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ห้องปฏิบัติการวิเคราะห์เอกชน
เลขทะเบียน 7-250

FM-QP-13/01 Rev.02

Date announced for January 02, 2024

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72/12 Moo 6, Sakdilat RD., Tambol Vichit, Amphur Muangphuket, Phuket 83000
E-mail : bestchoice@outlook.co.th www.bestchoice.co.th
Tel. (076) 391 320-2 Fax. (076) 391 222



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Sampling By ^[3]	Miss. Yonlatda Thancerat	Report No.	PKT6812141 REV.01

Sampling Name ^[3]	Effluent
Sampling Time ^[3]	10.08 AM
Analysis No.	25685098

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	4.3	-
10. Organic -Nitrogen ^[2]	mg/L	SM : 4500-NH ₃ C	1.3	-

Physical Appearance Sample 2565098 : Clear liquid, colorless, 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

23/1/26

Aproved By :

สาอวพา นุกะว

Miss. Saowapa Nukaew

Laboratory Manager

23/1/26

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ห้องปฏิบัติการวิเคราะห์เอกชน

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72/12 Moo 6, Sakdilat RD., Tambol Vichit, Aumthur Muangphuket, Phuket 83000
E-mail : bestchoice@outlook.co.th www.bestchoice.co.th
Tel. (076) 391 320-2 Fax. (076) 391 222



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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. Yonlatda Thancrat (ว-250-ท-0003)	Report No.	PKT6812141 REV.01

Sampling Name ^[3]	Water Supply
Sampling Time ^[3]	10.19 AM
Analysis No.	25685100

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
1. pH at 25.5°C	-	SM : 4500-H ⁺ B	6.7	6.5-8.5

Physical Appearance Sample 25685100 : 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 :

จันทิพย์ มิตตะกา

Miss. Jantip Mittaka (ว-250-ท-0004)

Laboratory Analyst

23/1/29

Approved By :

สาอวป นุกาอว

Miss. Saowapa Nukaew (ว-250-ท-0002)

Laboratory Manager

23/1/29



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ห้องปฏิบัติการวิเคราะห์นอกเขต
เลขที่ใบรับ ว-250

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72/12 Moo 6, Sakdilat RD., Tambol Vichit, Aumthur Muangphuket, Phuket 83000
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Tel. (076) 391 320-2 Fax. (076) 391 222



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Sampling Method ^[4]	Grab Sample	Report Date	January 23, 2026
Sampling By ^[4]	Miss. Yonlatda Thaneerat	Report No.	PKT6812141 REV.01

Sampling Name ^[4]	Water Supply
Sampling Time ^[4]	10.19 AM
Analysis No.	25685100

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	24.0	-
4. Chloride ^[3]	mg/L	SM : 4500- Cl ⁻ B	23.9	≤ 250
5. Iron ^[3]	mg/L	SM : 3500-Fe B	0.02	≤ 0.3
6. Color ^[3]	Pt- Co Unit	SM : 2120 B	Not Detected	≤ 15
7. Manganese ^[3]	mg/L	SM : 3500-Mn B	0.003	≤ 0.03
8. Nitrate ^[3]	mg/L NO ₃ -N	SM : 4500-NO ₃ ⁻ E	16.1	≤ 50
9. Sulfate ^[3]	mg/L	SM : 4500-SO ₄ ²⁻ E	19.0	≤ 250
10. Fluoride ^[3]	mg/L F	SM : 4500-F ⁻ E	Not Detected ^[6]	≤ 0.7
11. Total coliform bacteria ^[3]	MPN/100 mL	SM : 9221 B	< 1.8 ^{[5][6]}	Not Detected
12. Fecal coliform bacteria ^[3]	MPN/100 mL	SM : 9221 E	Not Detected ^[6]	Not Detected

Physical Appearance Sample 25685100 : 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.

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

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

23/1/26

Aproved By :

Miss. Saowapa Nukaew

Laboratory Manager

23/1/26

ACCREDITED LABORATORY GLP/DIW 2550



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ห้องปฏิบัติการวิเคราะห์เอกชน

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72/12 Moo 6, Sakdidat RD., Tambol Vichit, Aumthur Muangphuket, Phuket 83000
E-mail : bestchoice@outlook.co.th www.bestchoice.co.th
Tel. (076) 391 320-2 Fax. (076) 391 222



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Sampling Method ^[4]	Grab Sample	Report Date	January 23, 2026
Sampling By ^[4]	Miss. Yonlatda Thancerat	Report No.	PKT6812141 REV.01

Sampling Name ^[4]	Water Supply
Sampling Time ^[4]	10.19 AM
Analysis No.	25685100

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	130	-
18. Lead ^{[3][7]}	mg/L Pb	SM : 3111 B	0.0010	≤ 0.01
19. Cadmium ^{[3][6]}	mg/L Cd	SM : 3111 B	Not Detected	≤ 0.003
20. Arsenic ^{[3][6]}	mg/L As	SM : 3114 C	Not Detected	≤ 0.01
21. Mercury ^{[3][6]}	mg/L Hg	SM : 3112 B	Not Detected	≤ 0.001
22. Selenium ^{[3][6]}	mg/L Se	SM : 3114 C	Not Detected	≤ 0.01
23. Cyanide ^{[3][6]}	mg/L CN ⁻	SM : 4500-CN- C & SM : 4500-CN- E	Not Detected	≤ 0.07

Physical Appearance Sample 25685100 : 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] : Use subcontracting services from the Product Standards Testing Center. Phuket Rajabhat University

Reported By :

จันทิพ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

23/1/26

Approved By :

สาอวพา นุกะว

Miss. Saowapa Nukacw

Laboratory Manager

23/1/26



ACCREDITED LABORATORY GLP/DIW 2550

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แจ้งว่า: กรุณาใช้ผลการวิเคราะห์อย่างระมัดระวัง

FM-QP-13/01 Rev.02

Date announced for January 02, 2024

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72/12 Moo 6, Sakdilat RD., Tambol Vichit, Aumthur Muangphuket, Phuket 83000
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Sampling Method ^[3]	Grab Sample	Report Date	January 23, 2026
Sampling By ^[3]	Miss. Yonlatda Thancerat (๖-250-๖-0003)	Report No.	PKT6812141 REV.01

Sampling Name ^[3]	Raw Water
Sampling Time ^[3]	10.18 AM
Analysis No.	25685099

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
1. pH at 25.4°C	-	SM : 4500-H ⁺ B	6.7	6.5-8.5
2. Total Dissolved Solids	mg/L	SM : 2540 C	138	≤ 600

Physical Appearance Sample 25685099 : 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] : According to the water quality standards of the Provincial Waterworks Authority 2024

[3] : Information received from customers

Reported By :

จันทิพย์ มิตตะ
Miss. Jantip Mittaka (๖-250-๖-0004)

Aproved By :

สาอวพา นุกาเว
Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Analyst

๒๓.๑.๒๕๖๙

Laboratory Manager

๒๓.๑.๒๕๖๙



ACCREDITED LABORATORY GLP/DIW 2550

บริษัท เบสท์ ชอยส์ เคมีคัลส์ แอนด์ เอ็นจิเนียริ่ง จำกัด
ห้องปฏิบัติการวิเคราะห์เอกชน
เลขทะเบียน ๖-250

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Sampling By ^[4]	Miss. Yonlatda Thaneerat	Report No.	PKT6812141 REV.01

Sampling Name ^[4]	Raw Water
Sampling Time ^[4]	10.18 AM
Analysis No.	25685099

Parameter	Unit	Method of Analysis ^[1]	Result	Standard ^[2]
3. Turbidity ^[3]	NTU	SM : 2130 B	0.9	≤ 4.0
4. Total Hardness ^[3]	mg/L as CaCO ₃	SM : 2340 C	96.0	≤ 300
5. Non - Carbonate Hardness ^[3]	mg/L as CaCO ₃	SM : 2330 A	35.0	-
6. Chloride ^[3]	mg/L	SM : 4500- Cl ⁻ B	28.7	≤ 250
7. Iron ^[3]	mg/L	SM : 3500-Fe B	0.02	≤ 0.3
8. Color ^[3]	Pt- Co Unit	SM : 2120 B	Not Detected ^[5]	≤ 15
9. Manganese ^[3]	mg/L	SM : 3500-Mn B	0.047	≤ 0.08
10. Nitrate ^[3]	mg/L NO ₃ -N	SM : 4500-NO ₃ ⁻ E	20.1	≤ 50
11. Sulfate ^[3]	mg/L	SM : 4500-SO ₄ ²⁻ E	27.0	≤ 250
12. Fluoride ^[3]	mg/L F	SM : 4500-F ⁻ E	0.6	≤ 0.7

Physical Appearance Sample 25685099 : 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] : 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] : Samples were collected on January 20, 2026, and analysis was completed on January 23, 2026.

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



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