

## ภาคผนวก ข

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### ผลการตรวจวิเคราะห์คุณภาพน้ำ



# BEST CHOICE

## CHEMICALS & ENGINEERING CO., LTD.

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72/12 Moo6 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



### WATER ANALYSIS REPORT

Page 1/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	July 5-12, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	July 13, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (๖-250-๖-0003)	Report No.	PKT6607011

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	12.11 AM
Analysis No.	25662384

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H B	6.5	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	15.2	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	17.0	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	8.6	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	Not Detected	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	247	≤ 500 <sup>[6]</sup>
7. Sulfide <sup>[4]</sup>	mg/L	SM : 4500-S <sup>2-</sup> F	0.5	≤ 1.0

Physical Appearance Sample 25662384 : Clear yellow liquid, no Sludge 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., 23<sup>rd</sup> Edition 2017  
 [2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.  
 [3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250  
 [4] : Outside the scope of certification, TIS 17025-2017, Testing 0548  
 [5] : Information received from customers  
 [6] : These values are in addition to the TDS of the water used. (TDS 25662389 ≈ 200 mg/L)  
 [7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

Reported By :

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

Laboratory Analyst

13/7/11

Approved By :

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

Laboratory Supervisor

13/7/11



ACCREDITED LABORATORY GLP/DIW 2550

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ห้องปฏิบัติการวิเคราะห์เอกชน  
เลขที่ ๖-250

FM-QP-13/01 Rev.01

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	August 8-15, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	August 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003)	Report No.	PKT6608044

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.15 AM.
Analysis No.	25662875

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0° C	-	SM : 4500-H <sup>+</sup> B	6.5	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	15.8	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	27.9	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	5.9	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	4.9	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	169	≤ 500 <sup>[6]</sup>
7. Sulfide <sup>[4]</sup>	mg/L	SM : 4500-S <sup>2-</sup> F	0.3	≤ 1.0

Physical Appearance Sample 25662875 : 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., 23<sup>rd</sup> Edition 2017  
[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.  
[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250  
[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548  
[5] : Information received from customers  
[6] : These values are in addition to the TDS of the water used. (TDS 25662878 = 70.0 mg/L)  
[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

Reported By : จันทิภา มิตตะทา  
Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst  
16 / 8 / ๖๖

Aproved By : สาอวพา นุกาอว  
Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Supervisor  
16 / 8 / ๖๖



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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	September 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	September 9, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	September 9-16, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	September 18, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (7-250-ท-0003)	Report No.	PKT6609046

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.40 AM.
Analysis No.	25663261

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	6.5	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	10.8	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	12.0	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	3.8	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	Not Detected	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	243	≤ 500 <sup>[6]</sup>
7. Sulfide <sup>[4]</sup>	mg/L	SM : 4500-S <sup>2-</sup> F	0.3	≤ 1.0

Physical Appearance Sample 25663261 : 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., 23<sup>rd</sup> Edition 2017  
[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.  
[3] : Outside the scope of certification for registration of private analytical laboratories No. 7-250  
[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548  
[5] : Information received from customers  
[6] : These values are in addition to the TDS of the water used. (TDS 25663265 = 100 mg/L)  
[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

Reported By :

จันทิพร มิตตะกะ

Miss. Jantip Mittaka (7-250-ท-0004)

Laboratory Analyst

18/9/26

Aproved By :

สาอวพา นุกาอว

Miss. Saowapa Nukaew (7-250-ท-0002)

Laboratory Supervisor

18/9/26

ACCREDITED LABORATORY GLP/DIW 2550



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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	October 6-14, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	October 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๓-0003)	Report No.	PKT6610022

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.30 AM
Analysis No.	25663617

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	6.8	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	9.9	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	19.0	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	3.9	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	1.2	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	233	≤ 500 <sup>[6]</sup>
7. Sulfide <sup>[4]</sup>	mg/L	SM : 4500-S <sup>2-</sup> F	0.6	≤ 1.0

Physical Appearance      Sample 25663617 : Clear yellow liquid, no sludge      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., 23<sup>rd</sup> Edition 2017

[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.

[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250

[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548

[5] : Information received from customers

[6] : These values are in addition to the TDS of the water used. (TDS 25663621 = 126.67 mg/L)

[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพ มิตตะกะ

Miss. Jantip Mittaka (๖-250-๓-0004)

Laboratory Analyst

๑๖ / ๑๐ / ๖๖Approved By : สาอวพา นุกาเวย

Miss. Saowapa Nukaew (๖-250-๓-0002)

Laboratory Supervisor

๑๖ / ๑๐ / ๖๖**BC & E**

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ห้องปฏิบัติการวิเคราะห์เอกชน

เลขทะเบียน ๖-250

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## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 1, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	November 9, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thanecrat (๓-250-๓-0003)	Report No.	PKT6611005

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	09.50 AM
Analysis No.	25664045

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	6.5	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	8.7	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	12.0	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	8.1	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	Not Detected	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	224	≤ 500 <sup>[6]</sup>
7. Sulfide <sup>[4]</sup>	mg/L	SM : 4500-S <sup>2-</sup> F	0.1	≤ 1.0

Physical Appearance      Sample 25664045 : Clear yellow liquid, Brown Sludge      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., 23<sup>rd</sup> Edition 2017

[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.

[3] : Outside the scope of certification for registration of private analytical laboratories No. ๓-250

[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548

[5] : Information received from customers

[6] : These values are in addition to the TDS of the water used. (TDS 25664049 = 135.56 mg/L)

[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพย์ มิตตะ  
Miss. Jantip Mittaka (๓-250-๓-0004)

Laboratory Analyst  
๙.๓.๖๖

Aproved By : สาอวพา นุกะว  
Miss. Saowapa Nukaew (๓-250-๓-0002)

Laboratory Supervisor  
๙.๓.๖๖



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### WATER ANALYSIS REPORT

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	December 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	December 2, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	December 2-11, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	December 12, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003)	Report No.	PKT6612003
Sampling Name <sup>[5]</sup>			
Sampling Time <sup>[5]</sup>			
Analysis No.			

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0° C	-	SM : 4500-H <sup>+</sup> B	6.1	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	9.3	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	10.9	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	5.3	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	Not Detected	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	177	≤ 500 <sup>[6]</sup>
7. Sulfide <sup>[4]</sup>	mg/L	SM : 4500-S <sup>2-</sup> F	0.3	≤ 1.0

Physical Appearance Sample 25664404 : Clear 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., 23<sup>rd</sup> Edition 2017  
[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.  
[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250  
[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548  
[5] : Information received from customers  
[6] : These values are in addition to the TDS of the water used. (TDS 25664408 = 145.15 mg/L)  
[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.  
[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพ มิตตะ

Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst

๑๒ / ๑๒ / ๖๖

Aproved By :

Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Supervisor

๑๒ / ๑๒ / ๖๖

ACCREDITED LABORATORY GLP/DIW 2550



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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road, Cherngtalay, Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	July 5-12, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	July 13, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6607011

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	12.11 AM
Analysis No.	25662384

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
8. Settleable Solids <sup>[3][4]</sup>	ml/L	SM : 2540 F	Not Detected	≤ 0.5
9. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	> 1600	Not Detected <sup>[7]</sup>

Physical Appearance Sample 25662384: Clear yellow liquid, no Sludge 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., 23<sup>rd</sup> Edition 2017

[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.

[3] : Outside the scope of certification for registration of private analytical laboratories No. J-250

[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548

[5] : Information received from customers

[6] : These values are in addition to the TDS of the water used. (TDS 25662389 = 200 mg/L.)

[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

Reported By : จันทิพ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

13 / 7 / 66

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

13 / 7 / 66



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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	August 8-15, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	August 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6608044

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.15 AM.
Analysis No.	25662875

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
8. Scitcleable Solids <sup>[3][4]</sup>	ml/L	SM : 2540 F	Not Detected	≤ 0.5
9. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	> 1600	Not Detected <sup>[7]</sup>

Physical Appearance Sample 25662875 : 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., 23<sup>rd</sup> Edition 2017

[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.

[3] : Outside the scope of certification for registration of private analytical laboratories No. 3-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : These values are in addition to the TDS of the water used. (TDS 25662878 = 70.0 mg/L)

[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

Reported By :

จันทิพย์ มิตตะกะ

Aproved By :

สาอวพา นุกาเว

Miss. Jantip Mittaka

Miss. Saowapa Nukaew

Laboratory Analyst

Laboratory Supervisor

16 / 8 / 66

16 / 8 / 66

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NSC-TISI-TIS 17025  
TESTING 0548**WATER ANALYSIS REPORT**

Page 2/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	September 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	September 9, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	September 9-16, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	September 18, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thanecrat	Report No.	PKT6609046

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.40 AM.
Analysis No.	25663261

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
8. Settlicable Solids <sup>[3][4]</sup>	ml/L	SM : 2540 F	Not Detected	≤ 0.5
9. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	> 1600	Not Detected <sup>[7]</sup>

Physical Appearance Sample 25663261 : 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., 23<sup>rd</sup> Edition 2017
- [2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.
- [3] : Outside the scope of certification for registration of private analytical laboratories No. 3-250
- [4] : Outside the scope of certification, TIS 17025-2017,Testing 0548
- [5] : Information received from customers
- [6] : These values are in addition to the TDS of the water used. (TDS 25663265 = 100 mg/L)
- [7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

Reported By :

จันทิพ มิตตะ

Approved By :

Saowapa Nukaew

Miss. Jantip Mittaka

Miss. Saowapa Nukaew

Laboratory Analyst

Laboratory Supervisor

18.9.66

18.9.66

ACCREDITED LABORATORY GLP/DIW 2550

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## WATER ANALYSIS REPORT

Page 2/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	October 6-14, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	October 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6610022

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	12.11 AM
Analysis No.	25662384

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
8. Settleable Solids <sup>[3][4]</sup>	ml/L	SM : 2540 F	Not Detected	≤ 0.5
9. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	< 1.8 <sup>[6]</sup>	Not Detected <sup>[7]</sup>

Physical Appearance      Sample 25663617 : Clear yellow liquid, no sludge      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., 23<sup>rd</sup> Edition 2017
- [2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.
- [3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250
- [4] : Outside the scope of certification, TIS 17025-2017, Testing 0548
- [5] : Information received from customers
- [6] : These values are in addition to the TDS of the water used. (TDS 25663621 = 126.67 mg/L)
- [7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.
- [8] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพย์ มิตตะคาม

Miss. Jantip Mittaka

Laboratory Analyst

16 / 10 / 66

Aproved By :

Saowapa Nukaew

Miss. Saowapa Nukaew

Laboratory Supervisor

16 / 10 / 66



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## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 1, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	November 9, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6611005

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	09.50 AM
Analysis No.	25664045

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
8. Settlicable Solids <sup>[3][4]</sup>	ml/L	SM : 2540 F	Not Detected	≤ 0.5
9. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	> 1600	Not Detected <sup>[7]</sup>

Physical Appearance      Sample 25664045 : Clear yellow liquid, Brown Sludge      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., 23<sup>rd</sup> Edition 2017

[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.

[3] : Outside the scope of certification for registration of private analytical laboratories No. 7-250

[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548

[5] : Information received from customers

[6] : These values are in addition to the TDS of the water used. (TDS 25664049 = 135.56 mg/L)

[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพย์ มิตรากะ

Miss. Jantip Mittaka

Laboratory Analyst

9 / 11 / 66

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

9 / 11 / 66

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### WATER ANALYSIS REPORT

Customer/Code Laguna Phuket Club /6L-025  
Customer Address 323 Moo 2, Si Sunthon Road, Cherngtalay, Thalang, Phuket  
Sampling Source<sup>[5]</sup> Wastewater Treatment Systems (Gardener pond)  
Sampling Method<sup>[5]</sup> Grab Sample  
Sampling By<sup>[5]</sup> Miss. Yonlatda Thaneerat  
Sampling Date<sup>[5]</sup> December 1, 2023  
Receiving Date December 2, 2023  
Analyzed Date December 2-11, 2023  
Report Date December 12, 2023  
Report No. PKT6612003

Sampling Name<sup>[5]</sup> Effluent  
Sampling Time<sup>[5]</sup> 10.47 AM  
Analysis No. 25664404

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
8. Settleable Solids <sup>[3][4]</sup>	ml/L	SM : 2540 F	Not Detected	≤ 0.5
9. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	> 1600	Not Detected <sup>[7]</sup>

Physical Appearance Sample 25664404 : Clear 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., 23<sup>rd</sup> Edition 2017  
[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 122 Part 125D., December 29th 2005.  
[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250  
[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548  
[5] : Information received from customers  
[6] : These values are in addition to the TDS of the water used. (TDS 25664408 = 145.15 mg/L)  
[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.  
[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพย์ มิตรตะก

Miss. Jantip Mittaka

Laboratory Analyst

12 / 12 / 66

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

12 / 12 / 66



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### WATER ANALYSIS REPORT

Page 3/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	July 5-12, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	July 13, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6607011

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	11.55 AM
Analysis No.	25662385

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. Dissolved Oxygen (DO) <sup>[3][4]</sup>	mg/L.	SM : 4500-O G	0.4	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L.	SM : 2540 D	809	4000-5000

Physical Appearance	Sample 25662385 : Clear Brown liquid, Brown Sludge	Container : Normal PE 500 mL.
REMARK	<p>[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017</p> <p>[2] : According to the instructions for implementing the AS system (Activated Sludge) Water pollution treatment system textbook Department of Industrial Works 2005</p> <p>[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250</p> <p>[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548</p> <p>[5] : Information received from customers</p>	

Reported By : จันทิพย์ มิตตะคม

Miss. Jantip Mittaka

Laboratory Analyst

13 / 7 / 66

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

13 / 7 / 66



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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	August 8-15, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	August 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6608044

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	10.12 AM.
Analysis No.	25662876

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. Dissolved Oxygen (DO) <sup>[3][4]</sup>	mg/L	SM : 4500-O G	5.5	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	785	4000-5000

Physical Appearance Sample 25662876 : Clear Brown liquid, Brown Sludge Container : Normal PE 500 mL

## REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the instructions for implementing the AS system (Activated Sludge) Water pollution treatment system textbook Department of Industrial Works 2005

[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

16 / 8 / 66

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

16 / 8 / 66

ACCREDITED LABORATORY GLP/DIW 2550

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## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	September 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	September 9, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	September 9-16, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	September 18, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6609046

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	10.48 AM.
Analysis No.	25663262

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. Dissolved Oxygen (DO) <sup>[3][4]</sup>	mg/L	SM : 4500-O G	5.8	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	1232	4000-5000

Physical Appearance      Sample 25663262: Clear Brown liquid, Brown Sludge      Container : Normal PE 500 mL

**REMARK**[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the instructions for implementing the AS system (Activated Sludge) Water pollution treatment system textbook Department of Industrial Works 2005

[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

18.9.66

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

18.9.66

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**WATER ANALYSIS REPORT**

Page 3/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	October 6-14, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	October 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6610022

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	10.20 AM
Analysis No.	25663618

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. Dissolved Oxygen (DO) <sup>[3][4]</sup>	mg/L	SM : 4500-O G	4.9	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	1284	4000-5000

Physical Appearance      Sample 25663618 : Clear Brown liquid, Brown Sludge      Container : Normal PE 500 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the instructions for implementing the AS system (Activated Sludge) Water pollution treatment system textbook Department of Industrial Works 2005

[3] : Outside the scope of certification for registration of private analytical laboratories No. 3-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

Reported By : จันทิพย์ มิตราคม

Miss. Jantip Mittaka

Laboratory Analyst

16 / 10 / 66

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

16 / 10 / 66

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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 1, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	November 9, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6611005

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	09.45 AM
Analysis No.	25664046

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. Dissolved Oxygen (DO) <sup>[3][4]</sup>	mg/L	SM : 4500-O G	7.2	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	864	4000-5000

Physical Appearance	Sample 25664046 : Clear Brown liquid, Brown Sludge	Container : Normal PE 500 mL
---------------------	--	------------------------------

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the instructions for implementing the AS system (Activated Sludge) Water pollution treatment system textbook Department of Industrial Works 2005

[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

9/11/23

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

9/11/23

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Date announced for October 26, 2021

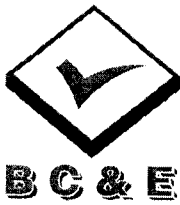
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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	December 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	December 2, 2023
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	December 2-11, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	December 12, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6612003

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	10.38 AM
Analysis No.	25664405

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. Dissolved Oxygen (DO) <sup>[3][4]</sup>	mg/L	SM : 4500-O G	4.5	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	791	4000-5000

Physical Appearance Sample 25664405 : Clear Brown liquid, Brown Sludge Container : Normal PE 500 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : According to the instructions for implementing the AS system (Activated Sludge) Water pollution treatment system textbook Department of Industrial Works 2005  
[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250  
[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548  
[5] : Information received from customers

Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

12 / 12 / 66

Approved By :

สาอวปะ นุกะว

Miss. Saowapa Nukaew

Laboratory Supervisor

12 / 12 / 66

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	July 5-12, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	July 13, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003 )	Report No.	PKT6607011

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	11.19 AM.
Analysis No.	25662387

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0°C	-	SM : 4500-H <sup>+</sup> B	6.8	7.2 - 8.4

Physical Appearance Sample 25662387 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar

[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

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

Laboratory Analyst

13 / 7 / ๖๖

Approved by :

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

Laboratory Supervisor

13 / 7 / ๖๖

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	August 8-15, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	August 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๓-250-๓-0003 )	Report No.	PKT6608044

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.00 AM.
Analysis No.	25662877

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	6.1	7.2 - 8.4

Physical Appearance Sample 25662877 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar

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[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพร มิตตะกะ  
Miss. Jantip Mittaka (๓-250-๓-0004)

Laboratory Analyst

16 / 8 / 66

Approved by :

สาอวป นุกาอว  
Miss. Saowapa Nukaew (๓-250-๓-0002)

Laboratory Supervisor

16 / 8 / 66



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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	September 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	September 9, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	September 9-16, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	September 18, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancrat (๖-250-๖-0003 )	Report No.	PKT6609046

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.47 AM
Analysis No.	25663264

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	6.6	7.2 - 8.4

Physical Appearance      Sample 25663264 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar

[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst

18 / 9 / 66

Approved by :

Saowapa Nukacw

Miss. Saowapa Nukacw (๖-250-๖-0002)

Laboratory Manager

18 / 9 / 66



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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	October 6-14, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	October 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancorat (๖-250-๖-0003 )	Report No.	PKT6610022

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.22 AM.
Analysis No.	25663620

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0°C	-	SM : 4500-H <sup>+</sup> B	6.9	7.2 - 8.4

Physical Appearance Sample 25663620 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar

[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing ๐548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพ มิตตะก  
Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst

16 / 10 / 66

Approved by :

สาอวป นุกา  
Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Supervisor

16 / 10 / 66

ACCREDITED LABORATORY GLP/DIW 2550



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FM-QP-13/01 Rev.01

Date announced for October 26, 2021

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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 1, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 9, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thanecrat (๖-250-๖-0003 )	Report No.	PKT6611005

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	09.55 AM.
Analysis No.	25664047

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	7.4	7.2 - 8.4

Physical Appearance Sample 25664047 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar

[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพย์ มิตราก

Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst

๙ / ๑๑ / ๖๖

Approved by :

Saowapa Nukaew

Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Supervisor

๙ / ๑๑ / ๖๖

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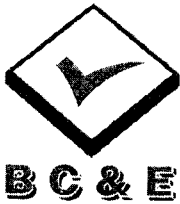
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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	December 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	December 2, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	December 2-11, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	December 12, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๓-250-๓-0003 )	Report No.	PKT6612003

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.42 AM.
Analysis No.	25664407

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0°C	-	SM : 4500-H <sup>+</sup> B	7.4	7.2 - 8.4

Physical Appearance Sample 25664407 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar  
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Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka (๓-250-๓-0004)

Laboratory Analyst

12 / 12 / 66

Approved by :

สาอวพา นุกาแว

Miss. Saowapa Nukaew (๓-250-๓-0002)

Laboratory Supervisor

12 / 12 / 66



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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	July 5-12, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	July 13, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6607011

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	11.19 AM.
Analysis No.	25662387

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Residual Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500-Cl G	0.2	0.6 - 1.0
3. Combined Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	0.7	0.5-1.0
4. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	< 1.8 <sup>[6]</sup>	< 10.0
5. Fecal Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 E	< 1.8 <sup>[6]</sup>	Not Detected

Physical Appearance Sample 25662387 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL.

#### REMARK

- [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar  
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Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

13 / 7 / 66

Approved by :

สาอวาท นุกาเว

Miss. Saowapa Nukaew

Laboratory Supervisor

13 / 7 / 66



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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	August 8-15, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	August 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6608044

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.00 AM.
Analysis No.	25662877

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Residual Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500-Cl G	2.6	0.6 - 1.0
3. Combined Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	1.4	0.5-1.0
4. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	< 1.8 <sup>[6]</sup>	< 10.0
5. Fecal Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 E	< 1.8 <sup>[6]</sup>	Not Detected

Physical Appearance Sample 25662877 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

#### REMARK

- [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar  
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Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

16/8/66

Approved by :

สาอวพา นุกาแว

Miss. Saowapa Nukaew

Laboratory Supervisor

16/8/66

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	September 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	September 9, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	September 9-16, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	September 18, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6609046

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.47 AM
Analysis No.	25663264

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Residual Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500-Cl G	3.7	0.6 - 1.0
3. Combine Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	2.1	0.5-1.0
4. Calcium Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	58.0	250 - 600
5. Alkalinity <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2320 B	21.0	80-100
6.Total Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500- Cl <sup>-</sup> B	5.8	-
7. Nitrate <sup>[3][4]</sup>	mg/L NO <sub>3</sub> -N	SM : 4500-NO3-E	Not Detected	50.0
8. Cyanuric Acid <sup>[3][4]</sup>	mg/L	SM : 4500 - CN-	65.0	30-60
9. Ammonia <sup>[3][4]</sup>	mg/L	SM : 4500-NH <sub>3</sub> C	4.6	20.0

Physical Appearance Sample 25663264 : Clear, colorless liquid, no sediment Container Normal : PE 1000 mL,G 1000 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar

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Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

18/9/66

Approved by :

สาอวพา นุกาอว

Miss. Saowapa Nukaew

Laboratory Manager

18/9/66

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	September 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	September 9, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	September 9-16, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	September 18, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6509046

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.47 AM
Analysis No.	25663264

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
10. Total Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	< 1.8 <sup>[6]</sup>	≤ 10.0
11. Fecal Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	Not Detected	Not Detected
12. Escherichia coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not Detected
13. Staphylococcus aureus <sup>[3][4]</sup>	MPN/100 mL	ISO 19250 : 2010	Not Detected	Not Detected
14. Pseudomonas aeruginosa <sup>[3][4]</sup>	MPN/100 mL	ISO 19250 : 2010	Not Detected	Not Detected

Physical Appearance Sample 25663264 : Clear, colorless liquid, no sediment Container Normal : PE 1000 mL,G 1000 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

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Reported By : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

18, 9, 66

Approved by :

Miss. Saowapa Nukaew

Laboratory Manager

18, 9, 66

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### WATER ANALYSIS REPORT

Page 4/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	October 6-14, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	October 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6610022

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.22 AM.
Analysis No.	25663620

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Residual Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500-Cl G	4.5	0.6 - 1.0
3. Combined Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	1.0	0.5-1.0
4. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	< 1.8 <sup>[6]</sup>	< 10.0
5. Fecal Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 E	< 1.8 <sup>[6]</sup>	Not Detected

Physical Appearance Sample 25663620 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

#### REMARK

- [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar  
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Reported By :

จันทิพ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

16 / 10 / 66

Approved by :

สาอวพา นุกาเว

Miss. Saowapa Nukaew

Laboratory Supervisor

16 / 10 / 66



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**WATER ANALYSIS REPORT**

Page 2/6

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 1, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 9, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6611005

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	09.55 AM.
Analysis No.	25664047

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Residual Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500-Cl G	4.0	0.6 - 1.0
3. Combined Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	1.4	0.5-1.0
4. Total Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	< 1.8 <sup>[6]</sup>	< 10.0
5. Fecal Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 E	< 1.8 <sup>[6]</sup>	Not Detected

Physical Appearance      Sample 25664047 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL

**REMARK**

- [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
 [2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar  
 [3] : Outside the scope of certification for registration of private analytical laboratories No. 7-250  
 [4] : Outside the scope of certification, TIS 17025-2017,Testing 0548  
 [5] : Information received from customers  
 [6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

9 / 11 / 66

Approved by :

Miss. Saowapa Nukaew

Laboratory Supervisor

9 / 11 / 66

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### WATER ANALYSIS REPORT

Page 4/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	December 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	December 2, 2023
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	December 2-11, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	December 12, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6612003

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.42 AM.
Analysis No.	25664407

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Residual Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500-Cl G	5.9	0.6 - 1.0
3. Combined Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	0.3	0.5-1.0
4.Total Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	< 1.8 <sup>[6]</sup>	< 10.0
5. Fecal Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 E	< 1.8 <sup>[6]</sup>	Not Detected

Physical Appearance Sample 25664407 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

#### REMARK

- [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar  
[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250  
[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548  
[5] : Information received from customers  
[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

12/12/22

Approved by :

สาอวพา นุกาเว

Miss. Saowapa Nukaew

Laboratory Supervisor

12/12/22

ACCREDITED LABORATORY GLP/DIW 2550



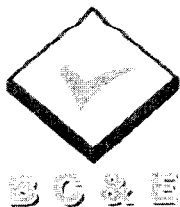
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## WATER ANALYSIS REPORT

Page 1/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	July 5-12, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	July 13, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (จ-250-จ-0003 )	Report No.	PKT6607011

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	11.40 AM.
Analysis No.	25662386

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	6.8	6.5-8.5
2. Total Dissolve Solids	mg/L	SM : 2540 C	141	-

Physical Appearance Sample 25662386 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL.G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

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[3] : Outside the scope of certification for registration of private analytical laboratories No. จ-250

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Reported By :

จันทิพ มิตตะกะ  
Miss. Jantip Mittaka (จ-250-จ-0004)

Laboratory Analyst

๑๖ / ๗ / ๖๖

Approved by :

สาอวพา นุกาเวย  
Miss. Saowapa Nukaew (จ-250-ก-0002)

Laboratory Manager

13 / 7 / 66



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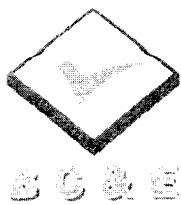
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## WATER ANALYSIS REPORT

Page 3/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road, Cherngtalay, Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kimdee )	Analyzed Date	August 8-15, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	August 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat ( 7-250-ท-0003 )	Report No.	PKT6608044

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	09.55 AM.
Analysis No.	25662878

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	6.7	6.5-8.5
2. Total Dissolve Solids	mg/L	SM : 2540 C	70.0	-

Physical Appearance Sample 25662878 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL, G 250 mL.

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534) Drinking water Standard

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Reported By :

จันทิพ มิตตะทา  
Miss. Jantip Mittaka (7-250-ท-0004)

Laboratory Analyst

16 / 8 / 66

Approved by :

สาอวพา นุกาเอว  
Miss. Saowapa Nukaew (7-250-ท-0002)

Laboratory Manager

16 / 8 / 66

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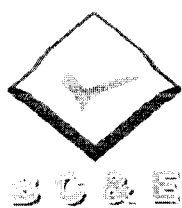
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## WATER ANALYSIS REPORT

Page 1/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	September 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	September 9, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	September 9-16, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	September 18, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (จ-250-ท-0003 )	Report No.	PKT6609046

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.50 AM.
Analysis No.	25663263

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>-</sup> B	5.9	6.5-8.5
2. Total Dissolve Solids	mg/L	SM : 2540 C	4.0	-

Physical Appearance Sample 25663263 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

Drinking water Standard

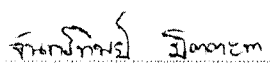
[3] : Outside the scope of certification for registration of private analytical laboratories No. จ-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

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Reported By :

  
Miss. Jantip Mittaka (จ-250-ท-0004)

Laboratory Analyst

18 / 9 / 66

Approved by :

  
Miss. Saowapa Nukaew (จ-250-ท-0002)

Laboratory Manager

18 / 9 / 66



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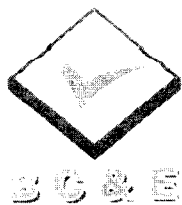
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**WATER ANALYSIS REPORT**

Page 1/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road, Cherngtalay, Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kindee )	Analyzed Date	October 6-14, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	October 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thanecrat (T-250-ท-0003 )	Report No.	PKT6610022

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.24 AM.
Analysis No.	25663619

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>-</sup> B	8.0	6.5-8.5
2. Total Dissolve Solids	mg/L	SM : 2540 C	Not Detected	-

Physical Appearance      Sample 25663619 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL, G 250 mL.

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

Drinking water Standard

[3] : Outside the scope of certification for registration of private analytical laboratories No. T-250

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[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพ มิตตะ  
Miss. Jantip Mittaka (T-250-ท-0004)

Approved by : สาอวป นุกาอว  
Miss. Saowapa Nukaew (T-250-ท-0002)

Laboratory Analyst  
16 / 10 / 66

Laboratory Manager  
16 / 10 / 66

**BC & E**

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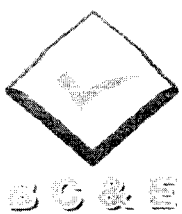
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Date announced for October 26, 2021

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### WATER ANALYSIS REPORT

Page 3/6

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 1, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kimdee )	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 9, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (7-250-0-0003 )	Report No.	PKT6611005

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.00 AM.
Analysis No.	25664048

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	5.6	6.5-8.5
2. Total Dissolve Solids	mg/L	SM : 2540 C	5.2	-

Physical Appearance      Sample 25663619 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL.

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

Drinking water Standard

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[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพ มิตตะ  
 Miss. Jantip Mittaka (7-250-0-0004)

Laboratory Analyst  
9 / 11 / 66

Approved by : สาอวพา นุกาแวง  
 Miss. Saowapa Nukaew (7-250-0-0002)

Laboratory Manager  
9 / 11 / 66



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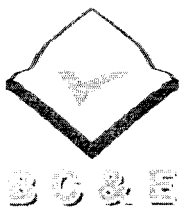
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## WATER ANALYSIS REPORT

Page 1/4

Customer/Code	Laguna Phuket Club #6L-025	Sampling Date <sup>[5]</sup>	December 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	December 2, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	December 2-11, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	December 12, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003 )	Report No.	PKT6612003

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.48 AM.
Analysis No.	25664406

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>-</sup> B	5.8	6.5-8.5

2. Total Dissolve Solids	mg/L	SM : 2540 C	2.8	-
--------------------------	------	-------------	-----	---

Physical Appearance      Sample 25664406 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

Drinking water Standard

[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

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

Laboratory Analyst

12/12/๒๕๖๖

Approved by :

สาอวป นุกะว  
Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Manager

12/12/๒๕๖๖



BC&E

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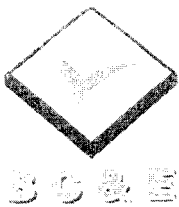
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เลขทะเบียน ๖-250

FM-QP-13.01 Rev.01

Date announced for October 26, 2023

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## WATER ANALYSIS REPORT

Page 2/4

Customer/Code	Laguna Phuket Club /61-025	Sampling Date <sup>[8]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[8]</sup>	Drinking Water ( Kinndee )	Analyzed Date	July 5-12, 2023
Sampling Method <sup>[8]</sup>	Grab Sampling	Report Date	July 13, 2023
Sampling By <sup>[8]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6607011

Sampling Name <sup>[8]</sup>	Drinking Water
Sampling Time <sup>[8]</sup>	11.40 AM.
Analysis No.	25662386

Parameter	Unit	Method of Analysis <sup>[11]</sup>	Result	Standard <sup>[12]</sup>
3. Turbidity <sup>[13]</sup>	NTU	SM : 2130 B	0.2	≤ 5.0
4. Total Hardness <sup>[13][4]</sup>	mg/L. as CaCO <sub>3</sub>	SM : 2340 C	88.0	≤ 100
5. Conductivity <sup>[13]</sup>	µmhos/cm	SM : 2510	289	-
6. Iron <sup>[13][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.3
7. E.Coli <sup>[13][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not detected

Physical Appearance Sample 25662386 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL.

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

Drinking water Standard

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[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

13 / 7 / 66

Approved by :

Miss. Saowapa Nukaew

Laboratory Supervisor

10 / 7 / 66

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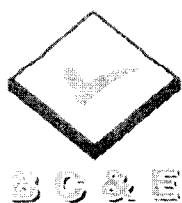
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## WATER ANALYSIS REPORT

Page 4/4

Customer/Code	Laguna Phuket Club /61-025	Sampling Date <sup>[5]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	August 8-15, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	August 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6608044

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	09.55 AM.
Analysis No.	25662878

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
3. Turbidity <sup>[3,4]</sup>	NTU	SM : 2130 B	0.6	≤ 5.0
4. Total Hardness <sup>[3,4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	56.0	≤ 100
5. Conductivity <sup>[3,4]</sup>	µmhos/cm	SM : 2510	147	-
6. Iron <sup>[3,4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.3
7. E.Coli <sup>[3,4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not detected

Physical Appearance      Sample 25662878 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL.

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

Drinking water Standard

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[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพ มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

16/8/66

Approved by :

สาอวป นุกาแวง

Miss. Saowapa Nukaew

Laboratory Supervisor

16/8/66

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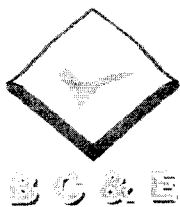
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**WATER ANALYSIS REPORT**

Page 2/5

Customer/Code	Laguna Phuket Club /61-025	Sampling Date <sup>[5]</sup>	September 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	September 9, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	September 9-16, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	September 18, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6609046

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.50 AM.
Analysis No.	25663263

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
3. Turbidity <sup>[3][4]</sup>	NTU	SM : 2130 B	0.4	≤ 5.0
4. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	4.0	≤ 100
5. Conductivity <sup>[3][4]</sup>	μmhos/cm	SM : 2510	8.5	-
6. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.3
7. E.Coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not detected

Physical Appearance Sample 25663263 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL.

## REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

Drinking water Standard

[3] : Outside the scope of certification for registration of private analytical laboratories No. 3-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : &lt; 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพร มิตตะทา

Miss. Jantip Mittaka

Laboratory Analyst

18/9/23

Approved by :

Saowapa Nukaew

Miss. Saowapa Nukaew

Laboratory Supervisor

18/9/23

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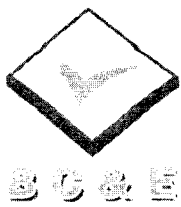
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**WATER ANALYSIS REPORT**

Page 2/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	October 6-14, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	October 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6610022

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.24 AM.
Analysis No.	25663619

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
3. Turbidity <sup>[3][4]</sup>	NTU	SM : 2130 B	0.2	≤ 5.0
4. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	64.0	≤ 100
5. Conductivity <sup>[3][4]</sup>	µmhos/cm	SM : 2510	6.0	-
6. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.3
7. E.Coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not detected

Physical Appearance      Sample 25663619 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL.

REMARK      [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
 [2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)  
 Drinking water Standard  
 [3] : Outside the scope of certification for registration of private analytical laboratories No. 3-250  
 [4] : Outside the scope of certification, TIS 17025-2017,Testing 0548  
 [5] : Information received from customers  
 [6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

16 / 10 / 66

Approved by :

Miss. Saowapa Nukaew

Laboratory Supervisor

16 / 10 / 66

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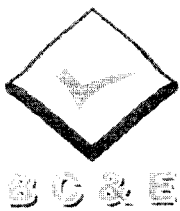
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**WATER ANALYSIS REPORT**

Page 4/6

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 1, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 9, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6611005

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.00 AM.
Analysis No.	25664048

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
3. Turbidity <sup>[3][4]</sup>	NTU	SM : 2130 B	0.2	≤ 5.0
4. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	4.0	≤ 100
5. Conductivity <sup>[3][4]</sup>	µmhos/cm	SM : 2510	7.5	-
6. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.3
7. E.Coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not detected

Physical Appearance      Sample 25664048 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

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[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพย์ มิตตะทา

Miss. Jantip Mittaka

Laboratory Analyst

9 / 11 / 66

Approved by :

Saowapa Nukaew

Miss. Saowapa Nukaew

Laboratory Supervisor

9 / 11 / 66

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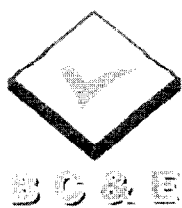
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**WATER ANALYSIS REPORT**

Page 2/4

Customer/Code	Laguna Phuket Club /61-025	Sampling Date <sup>[5]</sup>	December 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	December 2, 2023
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	December 2-11, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	December 12, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6612003

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.48 AM.
Analysis No.	25664406

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
3. Turbidity <sup>[3][4]</sup>	NTU	SM : 2130 B	0.3	≤ 5.0
4. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	68.0	≤ 100
5. Conductivity <sup>[3][4]</sup>	µmhos/cm	SM : 2510	5.6	-
6. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.3
7. E.Coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not detected

Physical Appearance      Sample 25664406 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL.

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Public Health No. 61 (B.E.2524 ) and No. 135 (B.E.2534)

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Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

12/12/23

Approved by :

Miss. Saowapa Nukaew

Laboratory Supervisor

12/12/23

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source	Drinking Water (Kinndee Kitchen)	Analyzed Date	July 5, 2023
Sampling Method	Grab Sample	Report Date	July 18, 2023
Sampling By	Miss. Yonlatda Thancerat	Report No.	PKT66/07/L002

Sampling Name	Drinking Water
Sampling Time	11.40 AM
Analysis No.	L07006

Parameter	Unit	Method of Analysis	Result	Standard
1. <i>Legionella spp.</i>	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance      Sample : Liquid Colorless, Clear      Container : Normal G 1.0 L

REMARK      : European Working Group for Legionella Infections (EWGLI)  
                  : Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.  
                  : Announced on January 8, 2002.

Reported By : จันทิพย์ มิตตะกะ

Approved By :

Miss. Jantip Mittaka

Laboratory Analyst

18 / 7 / 66

Miss. Saowapa Nukaew

Laboratory Supervisor

18 / 7 / 66



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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source	Drinking water faucet - RO system	Analyzed Date	October 6, 2023
Sampling Method	Grab Sample	Report Date	October 18, 2023
Sampling By	Miss. Yonlatda Thaneerat	Report No.	PKT66/10/L002

Sampling Name	Drinking Water
Sampling Time	10.24 AM
Analysis No.	L10006

Parameter	Unit	Method of Analysis	Result	Standard
1. Legionella spp.	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance	Sample : Liquid Colorless, Clear	Container : Normal G 1.0 L
---------------------	----------------------------------	----------------------------

REMARK : European Working Group for Legionella Infections (EWGLI)

: Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.

Announced on January 8, 2002.

Reported By : จันทิพย์ มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

18/10/66

Approved By : สาอวป นุกา

Miss. Saowapa Nukacw

Laboratory Supervisor

18/10/66

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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /61-025	Sampling Date	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source	Storage Tank	Analyzed Date	July 5, 2023
Sampling Method	Grab Sample	Report Date	July 18, 2023
Sampling By	Miss. Yonlatda Thanecrat	Report No.	PKT66/07/L002

Sampling Name	Water Supply
Sampling Time	11.58 AM
Analysis No.	L07004

Parameter	Unit	Method of Analysis	Result	Standard
1. <i>Legionella spp.</i>	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance Sample : Liquid Colorless, Clear Container : Normal G 1.0 L

REMARK : European Working Group for Legionella Infections (EWGLI)

: Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.

Announced on January 8, 2002.

Reported By : จันทิพย์ มิตตะกะ

Approved By :

Miss. Jantip Mittaka

Miss. Saowapa Nukaew

Laboratory Analyst

Laboratory Supervisor

18 / 7 / 66

18 / 7 / 66

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source	Storage Tank	Analyzed Date	October 6, 2023
Sampling Method	Grab Sample	Report Date	October 18, 2023
Sampling By	Miss. Yonlatda Thancerat	Report No.	PKT66/10/L002

Sampling Name	Water Supply
Sampling Time	10.18 AM
Analysis No.	L10004

Parameter	Unit	Method of Analysis	Result	Standard
1. <i>Legionella spp.</i>	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance      Sample : Liquid Colorless, Clear      Container : Normal G 1.0 L

REMARK : European Working Group for Legionella Infections (EWGLI)  
: Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.  
Announced on January 8, 2002.

Reported By : จันทิพย์ มิตรคาม

Miss. Jantip Mittaka

Laboratory Analyst

18 / 10 / 66

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

18 / 10 / 66

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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source	Guest Room No. 140	Analyzed Date	July 5, 2023
Sampling Method	Grab Sample	Report Date	July 18, 2023
Sampling By	Miss. Yonlatda Thanecrat	Report No.	PKT66/07/L002

Sampling Name	Water Supply
Sampling Time	11.32 AM
Analysis No.	L07005

Parameter	Unit	Method of Analysis	Result	Standard
1. <i>Legionella spp.</i>	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance Sample : Liquid Colorless, Clear Container : Normal G 1.0 L

REMARK : European Working Group for Legionella Infections (EWGLI)

: Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.

Announced on January 8, 2002.

Reported By : จันทิพ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

18 / 7 / 66

Approved By :

Miss. Saowapa Nukacw

Laboratory Supervisor

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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source	Guest Room No. 138	Analyzed Date	October 6, 2023
Sampling Method	Grab Sample	Report Date	October 18, 2023
Sampling By	Miss. Yonlatda Thaneerat	Report No.	PKT66/10/L002

Sampling Name	Water Supply
Sampling Time	10.20 AM
Analysis No.	L10005

Parameter	Unit	Method of Analysis	Result	Standard
1. <i>Legionella spp.</i>	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance      Sample : Liquid Colorless, Clear      Container : Normal G 1.0 L

REMARK : European Working Group for Legionella Infections (EWGLI)  
: Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.  
Announced on January 8, 2002.

Reported By : จันทิพ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

18 / 10 / 66

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

18 / 10 / 66

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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source	Cooling Tower No.2 (Pump room)	Analyzed Date	July 5, 2023
Sampling Method	Grab Sample	Report Date	July 18, 2023
Sampling By	Miss. Yonlatda Thancerat	Report No.	PKT66/07/L002

Sampling Name	Cooling water
Sampling Time	11.47 AM
Analysis No.	L07003

Parameter	Unit	Method of Analysis	Result	Standard
1. <i>Legionella</i> spp.	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance      Sample : Liquid Colorless, Clear      Container : Normal G 1.0 L

REMARK : European Working Group for Legionella Infections (EWGLI)  
 : Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.  
 Announced on January 8, 2002.

Reported By : จันทิพ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

18 / 7 / 66

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

18 / 7 / 66**BC & E**บริษัท เบสท์ ชอยส์ เคมีคัลส์ แอนด์ เอ็นจิเนียริ่ง จำกัด  
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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source	Cooling Tower (Pump room)	Analyzed Date	October 6, 2023
Sampling Method	Grab Sample	Report Date	October 18, 2023
Sampling By	Miss. Yonlatda Thaneerat	Report No.	PKT66/10/L002

Sampling Name	Cooling water
Sampling Time	10.35 AM
Analysis No.	L10003

Parameter	Unit	Method of Analysis	Result	Standard
1. <i>Legionella</i> spp.	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance	Sample : Liquid Colorless, Clear	Container : Normal G 1.0 L
REMARK	: European Working Group for Legionella Infections (EWGLI) : Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health. Announced on January 8, 2002.	

Reported By : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

18 / 10 / 66

Approved By :

Miss. Saowapa Nukacw

Laboratory Supervisor

18 / 10 / 66

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### WATER ANALYSIS REPORT

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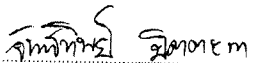
Customer/Code	Laguna Phuket Club /61.-025	Sampling Date <sup>[5]</sup>	November 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Chermgtalay,Thalang, Phuket	Receiving Date	November 1, 2023
Sampling Source <sup>[5]</sup>	Chill Water System (Pump room No.2)	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 9, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๓-0003 )	Report No.	PKT6611005

Sampling Name <sup>[5]</sup>	Chill Water System
Sampling Time <sup>[5]</sup>	10.02 AM
Analysis No.	25664049

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H B	7.8	7.5-9.0

Physical Appearance	Sample 25664049 : Clear, colorless liquid, no sediment	Container Normal : PE 500 mL,G 250 mL
REMARK	<p>[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017</p> <p>[2] : Standard Chill Water System</p> <p>[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250</p> <p>[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548</p> <p>[5] : Information received from customers</p> <p>[6] : &lt; 1.8 = undetected by means of the Laboratory.</p>	

Reported By :



Miss. Jantip Mittaka (๖-250-๓-0004)

Laboratory Analyst

๙ / ๓ / ๒๕

Approved by :



Miss. Saowapa Nukaew (๖-250-๓-0002)

Laboratory Manager

๙ / ๓ / ๒๕

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เลขทะเบียน ๖-250

FM-QP-13/01 Rev.01

Date announced for October 26, 2021

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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 1, 2023
Sampling Source <sup>[5]</sup>	Chill Water System (Pump room No.2)	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 9, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6611005

Sampling Name <sup>[5]</sup>	Chill Water System
Sampling Time <sup>[5]</sup>	10.02 AM
Analysis No.	25664049

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	72.0	-
3. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 1.0
4. Nitrate <sup>[3][4]</sup>	mg/L	SM : 4500-NO <sub>3</sub> <sup>-</sup> E	2.0	-

Physical Appearance      Sample 25664049 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Standard Chill Water System

[3] : Outside the scope of certification for registration of ,rivate analytical laboratories No. 2-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

9 / 11 / 2566

Approved by :

Miss. Saowapa Nukaew

Laboratory Manager

9 / 11 / 2566

ACCREDITED LABORATORY GLP/DIW 2550



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FM-QP-13/01 Rev.01

Date announced for October 26, 2021

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### WATER ANALYSIS REPORT

Page 4/5

Customer/Code	Laguna Phuket Club /61.-025	Sampling Date <sup>[5]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[5]</sup>	Andaman Sea Beach Saii Laguna Phuket	Analyzed Date	July 5-12, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	July 13, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (ว-250-ท-0003)	Report No.	PKT6607011

Sampling Name <sup>[5]</sup>	Sea Water
Sampling Time <sup>[5]</sup>	11.10 AM
Analysis No.	25662388

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	mg/L	SM : 4500-H B	8.1	7.0-8.5
2. Total Suspended Solids	mg/L	SM : 2540 D	38.6	-

Physical Appearance	Sample 25662388 : Clear yellow liquid, no sediment	Container : Normal PE 500 ml.
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REMARK	<p>[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017</p> <p>[2] : Announcement of the National Environment Board No. 27 (B.E. 2006) Re: Setting Sea Water Quality Standards dated 1 February 2007</p> <p>[3] : Outside the scope of certification for registration of private analytical laboratories No. ว-250</p> <p>[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548</p> <p>[5] : Information received from customers</p> <p>[6] : &lt; 1.8 = undetected by means of the Laboratory.</p>
--------	---

Reported By : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka (ว-250-ท-0004)

Laboratory Analyst

13/7/23

Approved By :

Miss. Saowapa Nukaew (ว-250-ท-0002)

Laboratory Supervisor

13/7/23



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ห้องปฏิบัติการวิเคราะห์เอกชน  
เลขทะเบียน ว-250

FM-QP-13/01 Rev.01

Date announced for October 26, 2021

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### WATER ANALYSIS REPORT

Page 5/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Chermgtalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[5]</sup>	Andaman Sea Beach Saii Laguna Phuket	Analyzed Date	July 5-12, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	July 13, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6607011

Sampling Name <sup>[5]</sup>	Sea Water
Sampling Time <sup>[5]</sup>	11.10 AM
Analysis No.	25662388

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
3. Dissolved Oxygen (DO) <sup>[3][4]</sup>	mg/L	SM : 4500-OG	6.4	≥ 4.0
4. Nitrate - Nitrogen <sup>[3][4]</sup>	mg/L	SM: 4500-NO <sub>3</sub> -E	Not Detected	≤ 60
5. Ammonia <sup>[3][4]</sup>	mg/L	SM : 4500-NH <sub>3</sub> C	1.8	≤ 200
6. Salinity <sup>[3][4]</sup>	mg/L	SM: 2520 B	33140	change not more than 10% of the minimum
7. Phosphate Phosphorus <sup>[3][4]</sup>	mg/L	SM: 4500-P E	Not Detected	≤ 15
8. Total Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	< 1.8 <sup>[6]</sup>	≤ 1000
9. Fecal Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	< 1.8 <sup>[6]</sup>	≤ 100

Physical Appearance Sample 25662388 : Clear yellow liquid, no sediment Container : Normal PE 500 mL.

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Announcement of the National Environment Board No. 27 (B.E. 2006) Re: Setting Sea Water Quality Standards dated 1 February 2007

[3] : Outside the scope of certification for registration of private analytical laboratories No. 1-250

[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพย์ มิตตะกา

Miss. Jantip Mittaka

Laboratory Analyst

13.9.22

Approved By :

สาอวพา นุกาแว

Miss. Saowapa Nukaw

Laboratory Supervisor

13.9.22



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ห้องปฏิบัติการวิเคราะห์เคมี

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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[5]</sup>	Lagoon	Analyzed Date	August 8-15, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	August 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003)	Report No.	PKT6608044

Sampling Name <sup>[5]</sup>	Lake water
Sampling Time <sup>[5]</sup>	10.03 AM.
Analysis No.	25662879

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	mg/L	SM : 4500-H <sup>+</sup> B	7.8	5.0-9.0

Physical Appearance      Sample 25662879 : Clear Green liquid, no sediment      Container : Normal PE 2000 mL ,G 1000 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Announcement of the National Environment Board No. 8 (2537) Re: Setting Water Quality Standards in Surface Water Bodies dated 24 February 1994.

[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพย์ มิตตะ

Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst

๑๖ / ๘ / ๖๖

Aproved By :

Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Supervisor

๑๖ / ๘ / ๖๖

ACCREDITED LABORATORY GLP/DIW 2550



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### WATER ANALYSIS REPORT

Page 5/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[5]</sup>	Lagoon	Analyzed Date	August 8-15, 2023
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	August 16, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6608044

Sampling Name <sup>[5]</sup>	Lake water
Sampling Time <sup>[5]</sup>	10.03 AM.
Analysis No.	25662879

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Temperature <sup>[3][4]</sup>	-	SM : 2350 B	30.5	Not higher than the natural Temperature of more than 3 °C
3. Biochemical Oxygen Demand <sup>[3]</sup>	mg/L	SM : 5210 B	1.5	≤ 1.5
4. Dissolved Oxygen (DO) <sup>[3][4]</sup>	mg/L	SM : 4500-OG	5.5	≥ 6.0
5. Nitrate nitrogen <sup>[3][4]</sup>	mg/L	SM: 4500-NO <sub>3</sub> E	1.5	≤ 5.0
6. Ammonia <sup>[3][4]</sup>	mg/L	SM : 4500-NH <sub>3</sub> C	5.3	≤ 0.5
7. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	< 1.8 <sup>[6]</sup>	≤ 5000
8. Fecal Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 E	< 1.8 <sup>[6]</sup>	≤ 1000

Physical Appearance Sample 25662879 : Clear Green liquid, no sediment Container : Normal PE 2000 mL ,G 1000 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Announcement of the National Environment Board No. 8 (2537) Re: Setting Water Quality Standards in Surface Water Bodies dated 24 February 1994.

[3] : Outside the scope of certification for registration of private analytical laboratories No. 7-250

[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

16 / 8 / 66

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

16 / 8 / 66



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### WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /61.-025	Sampling Date <sup>[3]</sup>	July 4, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Chernglalay,Thalang, Phuket	Receiving Date	July 5, 2023
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	July 5-12,2023
Sampling Method <sup>[3]</sup>	Grab	Report Date	July 13, 2023
Sampling By <sup>[3]</sup>	Miss Yonlatda Thancerat	Report No.	PKT6607014

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	10.50 AM.	11.02 AM
Analysis No.	25662393	25662394

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Result	Standard <sup>[2]</sup>
1. Chemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5220 C	220	94.0	≤ 120

Physical Appearance	Sample 25662393 : milky liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L.
	Sample 25662394 : 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., 23<sup>rd</sup> Edition 2017  
[2] : According to the announcement of the Ministry of Industry on setting standards for controlling the discharge of factory wastewater, B.E. 2560, Volume 134, Special Section 153 Ngor.  
[3] : Information received from customers  
[4] : Analysis of subcontracting

Reported By : จันทิพนธ์ มิตตะกะ

Miss.Jantip Mittaka

Laboratory Analyst

13 / 7 / 66

Approved By :

Miss. Saowapa Nukaew

Laboratory Manager

13 / 7 / 66



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### WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	August 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	August 8, 2023
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	August 8-15,2023
Sampling Method <sup>[3]</sup>	Grab	Report Date	August 16, 2023
Sampling By <sup>[3]</sup>	Miss Yonlatda Thaneerat	Report No.	PKT6608045

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	10.10 AM.	10.15 AM
Analysis No.	25662880	25662881

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Result	Standard <sup>[2]</sup>
1. Chemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5220 C	156	34.0	≤ 120

Physical Appearance	Sample 25662880 : milky liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L
	Sample 25662881 : 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., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Industry on setting standards for controlling the discharge of factory wastewater, B.E. 2560, Volume 134, Special Section 153 Ngor.

[3] : Information received from customers

[4] : Analysis of subcontracting

Reported By : จันทิพ มิตตะกะ

Miss.Jantip Mittaka

Laboratory Analyst

16/8/23

Aproved By :

Miss. Saowapa Nukaew

Laboratory Manager

16/8/23

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### WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	September 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	September 9, 2023
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	September 9-16,2023
Sampling Method <sup>[3]</sup>	Grab	Report Date	September 18, 2023
Sampling By <sup>[3]</sup>	Miss Yonlatda Thaneerat	Report No.	PKT6609047

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	10.45 AM.	10.40 AM
Analysis No.	25663265	25663266

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Result	Standard <sup>[2]</sup>
1. Chemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5220 C	184	24.0	≤ 120

Physical Appearance	Sample 25663265 : White liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L
	Sample 25663266 : 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., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Industry on setting standards for controlling the discharge of factory wastewater, B.E. 2560, Volume 134, Special Section 153 Ngor.

[3] : Information received from customers

[4] : Analysis of subcontracting

Reported By : จันทิพย์ มิตตะ

Miss.Jantip Mittaka

Laboratory Analyst

18/9/66

Aproved By :

Miss. Saowapa Nukaew

Laboratory Manager

18/9/66



บริษัท เบสท์ ชอยส์ เคมีคัลส์ แอนด์ เอ็นจิเนียริง จำกัด

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### WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	October 6, 2023
Customer Address	323 Moo 2, Si Sunthon Road, Chemgtalay, Thalang, Phuket	Receiving Date	October 6, 2023
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	October 6-18, 2023
Sampling Method <sup>[3]</sup>	Grab	Report Date	October 19, 2023
Sampling By <sup>[3]</sup>	Miss Yonlatda Thaneerat	Report No.	PKT6610021

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	10.22 AM.	10.30 AM
Analysis No.	25663615	25663616

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Result	Standard <sup>[2]</sup>
1. Chemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5220 C	326	39.0	≤ 120

Physical Appearance	Sample 25663615 : yellow White liquid, no sediment	Container : Normal PE 1.0 L, PE 2.0 L, G 0.5 L
	Sample 25663616 : 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., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Industry on setting standards for controlling the discharge of factory wastewater, B.E. 2560, Volume 134, Special Section 153 Ngor.

[3] : Information received from customers

[4] : Analysis of subcontracting

Reported By : จันทิพย์ มิตตะกะ

Miss.Jantip Mittaka

Laboratory Analyst

19 / 10 / 66

Approved By :

Saowapa Nukaew

Miss. Saowapa Nukaew

Laboratory Manager

19 / 10 / 66

**B C & E**

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FM-QP-13/01 Rev.01

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**WATER ANALYSIS REPORT**

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	November 1, 2566
Customer Address	323 Moo 2, Si Sunthon Road, Chemgtalay, Thalang, Phuket	Receiving Date	November 1, 2566
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	November 1-8, 2023
Sampling Method <sup>[3]</sup>	Grab	Report Date	November 9, 2023
Sampling By <sup>[3]</sup>	Miss Yonlatda Thancerat	Report No.	PKT6611002

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	09.48 AM.	09.50 AM
Analysis No.	25664039	25664040

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Result	Standard <sup>[2]</sup>
1. Chemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5220 C	67.0	46.0	≤ 120

Physical Appearance Sample 25664039 : Cloudy white liquid, no sediment Container : Normal PE 1.0 L, PE 2.0 L, G 0.5 L

Sample 25664040 : 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., 23<sup>rd</sup> Edition 2017

[2] : According to the announcement of the Ministry of Industry on setting standards for controlling the discharge of factory wastewater, B.E. 2560, Volume 134, Special Section 153 Ngor.

[3] : Information received from customers

[4] : Analysis of subcontracting

Reported By : จันทิพย์ มิตตะกะ

Miss.Jantip Mittaka

Laboratory Analyst

9/11/66

Approved By :

สาอวพา นุกาew

Miss. Saowapa Nukaew

Laboratory Manager

9/11/66**BC & E**

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## WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	December 1, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Chengtalay,Thalang, Phuket	Receiving Date	December 2, 2023
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	December 2-14,2023
Sampling Method <sup>[3]</sup>	Grab	Report Date	December 15, 2023
Sampling By <sup>[3]</sup>	Miss Yonlatda Thaneerat	Report No.	PKT6612003

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	10.37 AM.	10.47 AM
Analysis No.	25664403	25664404

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Result	Standard <sup>[2]</sup>
1. Chemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5220 C	60.1	39.4	≤ 120

Physical Appearance	Sample 25664403 : Cloudy white liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L
	Sample 25664404 : Clear 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., 23<sup>rd</sup> Edition 2017  
 [2] : According to the announcement of the Ministry of Industry on setting standards for controlling the discharge of factory wastewater, B.E. 2560, Volume 134, Special Section 153 Ngor.  
 [3] : Information received from customers  
 [4] : Analysis of subcontracting

Reported By : จันทิพย์ มิตราม

Miss.Jantip Mittaka

Laboratory Analyst

15/12/66

Aproved By :

สาอวพา นุกาเอน

Miss. Saowapa Nukaew

Laboratory Manager

15/12/66



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### WATER ANALYSIS REPORT

Page 1/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	December 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	December 9, 2023
Sampling Source	Hot Water - Guest Room No.261	Analyzed Date	December 9, 2023
Sampling Method	Grab Sample	Report Date	December 26, 2023
Sampling By	Miss. Yonlatda Thaneerat	Report No.	PKT66/12/L005

Sampling Name	Water Supply
Sampling Time	11.30 AM
Analysis No.	L12017

Parameter	Unit	Method of Analysis	Result	Standard
1. <i>Legionella</i> spp.	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance      Sample : Liquid Colorless, Clear      Container : Normal G 1.0 L

REMARK : European Working Group for Legionella Infections (EWGLI)  
: Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.  
Announced on January 8, 2002.

Reported By : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

26/12/66

Aproved By :

บดินทร์ นุกา

Miss. Saowapa Nukaew

Laboratory Supervisor

26/12/66



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### WATER ANALYSIS REPORT

Page 2/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	December 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	December 9, 2023
Sampling Source	Cold Water - Guest Room No.261	Analyzed Date	December 9, 2023
Sampling Method	Grab Sample	Report Date	December 26, 2023
Sampling By	Miss. Yonlatda Thancerat	Report No.	PKT66/12/L005

Sampling Name	Water Supply
Sampling Time	11.35 AM
Analysis No.	L12018

Parameter	Unit	Method of Analysis	Result	Standard
1. <i>Legionella</i> spp.	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance      Sample : Liquid Colorless, Clear      Container : Normal G 1.0 L

REMARK      : European Working Group for Legionella Infections (EWGLI)  
: Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.  
Announced on January 8, 2002.

Reported By : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

26 / 12 / 66

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

26 / 12 / 66



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## WATER ANALYSIS REPORT

Page 3/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	December 8, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	December 9, 2023
Sampling Source	Water from the Guest Room No.261	Analyzed Date	December 9, 2023
Sampling Method	Grab Sample	Report Date	December 26, 2023
Sampling By	Miss. Yonlatda Thaneerat	Report No.	PKT66/12/L005

Sampling Name	Water from the air condition
Sampling Time	11.50 AM
Analysis No.	L12019

Parameter	Unit	Method of Analysis	Result	Standard
1. Legionella spp.	CFU/L	Culture (CDC, 2005)	Not Detected	Not Detected

Physical Appearance      Sample : Liquid Colorless, Clear      Container : Normal G 1.0 L

REMARK      : European Working Group for Legionella Infections (EWGLI)  
: Regulation control of legionella in cooling tower in Thailand, Department of Health, Ministry of Public Health.  
Announced on January 8, 2002.

Reported By : จันทิพย์ มิตตะก

Miss. Jantip Mittaka

Laboratory Analyst

26 / 12 / 66

Approved By :

สมิลา นุกา

Miss. Saowapa Nukaew

Laboratory Supervisor

26 / 12 / 66

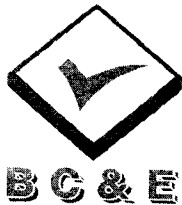


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### WATER ANALYSIS REPORT

Page 1/10

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Machine - Food and Beverage Service	Analyzed Date	Npvenber 11-23 ,2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (จ-250-ท-0003)	Report No.	PKT6611074
Sampling Name <sup>[5]</sup>			
Sampling Time <sup>[5]</sup>			
Analysis No.			

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.3 °C	-	SM : 4500-H <sup>+</sup> B	6.4	6.5-8-5

Physical Appearance

Sample 25664236 : Clear, colorless liquid, no sediment

Container Normal : PE 500 mL,G 250 mL

REMARK

- [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard  
[3] : Outside the scope of certification for registration of private analytical laboratories No. จ-250  
[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548  
[5] : Information received from customers  
[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพ มิตตะกะ

Miss. Jantip Mittaka (จ-250-ท-0004)

Laboratory Analyst

24/11/26

Approved by :

สาอวพา นุกาอว

Miss. Saowapa Nukaew (จ-250-ท-0002)

Laboratory Manager

24/11/26

ACCREDITED LABORATORY GLP/DIW 2550



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FM-QP-13/01 Rev.01

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## WATER ANALYSIS REPORT

Page 2/10

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Machine - Food and Beverage Service	Analyzed Date	November 11-23, 2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6611074

Sampling Name <sup>[5]</sup>	Ice Melt
Sampling Time <sup>[5]</sup>	11.05 AM
Analysis No.	25664236

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Turbidity <sup>[3][4]</sup>	NTU	SM : 2130 B	0.3	≤ 0.5
3. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	8.0	≤ 100
4. Chloride <sup>[3][4]</sup>	mg/L	SM : 4500-Cl <sup>-</sup> B	Not Detected	≤ 250
5. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.30
6. Color <sup>[3][4]</sup>	Pt - Co Unit	SM : 2120 B	Not Detected	≤ 20.0
7. Total Solids <sup>[3][4]</sup>	mg/L	SM : 2540 C	3.2	≤ 500
8. Total Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	< 1.8 <sup>[6]</sup>	< 2.2
9. E.Coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not Detected
10. Salmonella spp	MPN/100 mL	Compact Dry SL	Not Detected	Not Detected
11. S. aureus	MPN/100 mL	SM : 9213 B	Not Detected	Not Detected

Physical Appearance Sample 25664236 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL.

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard

[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

Miss. Jantip Mittaka

Laboratory Analyst

24 / 11 / 66

Approved by :

Miss. Saowapa Nukacw

Laboratory Manager

24 / 11 / 66



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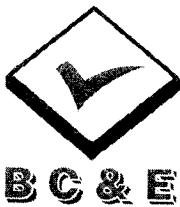
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ห้องปฏิบัติการวิเคราะห์เอกชน

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### WATER ANALYSIS REPORT

Page 3/10

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Machine - The Club	Analyzed Date	November 11-23, 2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thanecrat (๖-250-๖-0003)	Report No.	PKT6611074

Sampling Name <sup>[5]</sup>	Ice Melt
Sampling Time <sup>[5]</sup>	11.08 AM
Analysis No.	25664237

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.2 °C	-	SM : 4500-H <sup>-</sup> B	6.1	6.5-8.5

Physical Appearance Sample 25664237 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard  
[3] : Outside the scope of certification for registration of private analytical laboratories No. ๖-250  
[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548  
[5] : Information received from customers  
[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพย์ มิตตะกะ  
Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst  
๒๔/๑/๒๕

Approved by : สาอวพา นุกะว  
Miss. Saowapa Nukaw (๖-250-๖-0002)

Laboratory Manager  
๒๔/๑/๒๕

ACCREDITED LABORATORY GLP/DIW 2550



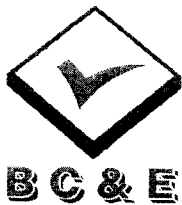
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FM-QP-13/01 Rev.01

Date announced for October 26, 2021

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Machine - The Club	Analyzed Date	Npvenber 11-23 ,2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6611074

Sampling Name <sup>[5]</sup>	Ice Melt
Sampling Time <sup>[5]</sup>	11.08 AM
Analysis No.	25664237

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Turbidity <sup>[3][4]</sup>	NTU	SM : 2130 B	0.5	≤ 0.5
3. Total Hardness <sup>[3][4]</sup>	mg/L. as CaCO <sub>3</sub>	SM : 2340 C	8.0	≤ 100
4. Chloride <sup>[3][4]</sup>	mg/L	SM : 4500- Cl <sup>-</sup> B	Not Detected	≤ 250
5. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.30
6. Color <sup>[3][4]</sup>	Pt - Co Unit	SM : 2120 B	Not Detected	≤ 20.0
7. Total Solids <sup>[3][4]</sup>	mg/L	SM : 2540 C	6.0	≤ 500
8. Total Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	< 1.8 <sup>[6]</sup>	< 2.2
9. E.Coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not Detected
10. Salmonella spp	MPN/100 mL	Compact Dry SL	Not Detected	Not Detected
11. S. aureus	MPN/100 mL	SM : 9213 B	Not Detected	Not Detected

Physical Appearance Sample 25664237 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL,G 250 mL

#### REMARK

- [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard  
[3] : Outside the scope of certification for registration of private analytical laboratories No. 3-250  
[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548  
[5] : Information received from customers  
[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

24/11/23

Approved by :

สาอวพา นุกะว

Miss. Saowapa Nukaew

Laboratory Manager

24/11/23



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ห้องปฏิบัติการวิเคราะห์เอกชน

FM-QP-13/01 Rev.01

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



### WATER ANALYSIS REPORT

Page 5/10

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road, Chongtalay, Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Machine - Beach Building	Analyzed Date	November 11-23, 2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancrat (ว-250-ท-0003)	Report No.	PKT6611074
Sampling Name <sup>[5]</sup>	Ice Melt		
Sampling Time <sup>[5]</sup>	11.13 AM		
Analysis No.	25664238		

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.2 °C	-	SM : 4500-H <sup>+</sup> B	6.3	6.5-8.5

Physical Appearance	Sample 25664238 : Clear, colorless liquid, no sediment	Container Normal : PE 500 mL, G 250 mL
REMARK	<p>[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017</p> <p>[2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard</p> <p>[3] : Outside the scope of certification for registration of private analytical laboratories No. ว-250</p> <p>[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548</p> <p>[5] : Information received from customers</p> <p>[6] : &lt; 1.8 = undetected by means of the Laboratory.</p>	

Reported By :

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

Laboratory Analyst

24.11.66

Approved by :

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

Laboratory Manager

24.11.66

ACCREDITED LABORATORY GLP/DIW 2550



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ห้องปฏิบัติการวิเคราะห์เอกชน  
เลขทะเบียน ว-250

FM-QP-13/01 Rev.01

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## WATER ANALYSIS REPORT

Page 6/10

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Machine - Beach Building	Analyzed Date	November 11-23, 2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6611074

Sampling Name <sup>[5]</sup>	Ice Melt
Sampling Time <sup>[5]</sup>	11.13 AM
Analysis No.	25664238

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Turbidity <sup>[3][4]</sup>	NTU	SM : 2130 B	0.3	≤ 0.5
3. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	4.0	≤ 100
4. Chloride <sup>[3][4]</sup>	mg/L	SM : 4500- Cl <sup>-</sup> B	Not Detected	≤ 250
5. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.30
6. Color <sup>[3][4]</sup>	Pt - Co Unit	SM : 2120 B	Not Detected	≤ 20.0
7. Total Solids <sup>[3][4]</sup>	mg/L	SM : 2540 C	4.2	≤ 500
8. Total Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	< 1.8 <sup>[6]</sup>	< 2.2
9. E.Coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not Detected
10. Salmonella spp	MPN/100 mL	Compact Dry SL	Not Detected	Not Detected
11. S. aureus	MPN/100 mL	SM : 9213 B	Not Detected	Not Detected

Physical Appearance      Sample 25664238 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL, G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard

[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250

[4] : Outside the scope of certification, TIS 17025-2017, Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

24 / 11 / 66

Approved by :

สาอวพา นุกาเว

Miss. Saowapa Nukaew

Laboratory Manager

24 / 11 / 66



ACCREDITED LABORATORY GLP/DIW 2550

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ห้องปฏิบัติการวิเคราะห์เอกชน

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



### WATER ANALYSIS REPORT

Page 7/10

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Buying - Canteen	Analyzed Date	November 11-23, 2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (ว-250-0-0003)	Report No.	PKT6611074
Sampling Name <sup>[5]</sup>	Ice Melt		
Sampling Time <sup>[5]</sup>	11.18 AM		
Analysis No.	25664239		

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.2°C	-	SM : 4500-H <sup>+</sup> B	5.9	6.5-8.5

Physical Appearance	Sample 25664239 : Clear, colorless liquid, no sediment	Container Normal : PE 500 mL,G 250 mL
REMARK	<p>[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017</p> <p>[2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard</p> <p>[3] : Outside the scope of certification for registration of private analytical laboratories No. ว-250</p> <p>[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548</p> <p>[5] : Information received from customers</p> <p>[6] : &lt; 1.8 = undetected by means of the Laboratory.</p>	

Reported By : จันทิพ มิตตะ  
Miss. Jantip Mittaka (ว-250-0-0004)

Laboratory Analyst  
24/11/66

Approved by : สาอวป นุกาอว  
Miss. Saowapa Nukaw (ว-250-0-0002)

Laboratory Manager  
24/11/66



ACCREDITED LABORATORY GLP/DIW 2550

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ห้องปฏิบัติการวิเคราะห์เอกชน  
เลขทะเบียน ว-250

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## WATER ANALYSIS REPORT

Page 8/10

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Buying - Canteen	Analyzed Date	Npvenber 11-23 ,2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6611074

Sampling Name <sup>[5]</sup>	Ice Melt
Sampling Time <sup>[5]</sup>	11.18 AM
Analysis No.	25664239

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Turbidity <sup>[3][4]</sup>	NTU	SM : 2130 B	0.4	≤ 0.5
3. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	4.0	≤ 100
4. Chloride <sup>[3][4]</sup>	mg/L	SM : 4500- Cl <sup>-</sup> B	Not Detected	≤ 250
5. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.30
6. Color <sup>[3][4]</sup>	Pt - Co Unit	SM : 2120 B	Not Detected	≤ 20.0
7. Total Solids <sup>[3][4]</sup>	mg/L	SM : 2540 C	2.4	≤ 500
8. Total Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	< 1.8 <sup>[6]</sup>	< 2.2
9. E.Coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not Detected
10. Salmonella spp	MPN/100 mL	Compact Dry SL	Not Detected	Not Detected
11. S. aureus	MPN/100 mL	SM : 9213 B	Not Detected	Not Detected

Physical Appearance      Sample 25664239 : Clear, colorless liquid, no sediment      Container Normal : PE 500 mL,G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017

[2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard

[3] : Outside the scope of certification for registration of private analytical laboratories No. 2-250

[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548

[5] : Information received from customers

[6] : < 1.8 = undetected by means of the Laboratory.

Reported By : จันทิพย์ มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

24/11/66

Approved by :

Miss. Saowapa Nukaew

Laboratory Manager

24/11/66



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ห้องปฏิบัติการวิเคราะห์เอกชน

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### WATER ANALYSIS REPORT

Page 9/10

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road, Cherngtalay, Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Machine - Tom Yum Bar	Analyzed Date	November 11-23, 2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (๖-250-๖-0003)	Report No.	PKT6611074

Sampling Name <sup>[5]</sup>	Ice Melt
Sampling Time <sup>[5]</sup>	11.25 AM
Analysis No.	25664240

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.3 °C	-	SM : 4500-H <sup>+</sup> B	6.2	6.5-8.5

Physical Appearance Sample 25664240 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL, G 250 mL

REMARK

[1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
[2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard  
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Reported By :

จันทิพย์ มิตราก

Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst

๒๔ / ๖ / ๒๕

Approved by :

สาอวพา นุกะว

Miss. Saowapa Nukacw (๖-250-๖)

Laboratory Manager

๒๔ / ๖ / ๒๕



BC&E

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เลขทะเบียน ๖-250

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## WATER ANALYSIS REPORT

Page 10/10

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	November 10, 2023
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	November 11, 2023
Sampling Source <sup>[5]</sup>	Ice Machine - Tom Yum Bar	Analyzed Date	November 11-23, 2022
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	November 24, 2023
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6611074

Sampling Name <sup>[5]</sup>	Ice Melt
Sampling Time <sup>[5]</sup>	11.25 AM
Analysis No.	25664240

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Turbidity <sup>[3][4]</sup>	NTU	SM : 2130 B	0.5	≤ 0.5
3. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	4.0	≤ 100
4. Chloride <sup>[3][4]</sup>	mg/L	SM : 4500- Cl <sup>-</sup> B	Not Detected	≤ 250
5. Iron <sup>[3][4]</sup>	mg/L	SM : 3500-Fe B	Not Detected	≤ 0.30
6. Color <sup>[3][4]</sup>	Pt - Co Unit	SM : 2120 B	Not Detected	≤ 20.0
7. Total Solids <sup>[3][4]</sup>	mg/L	SM : 2540 C	3.8	≤ 500
8. Total Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	< 1.8 <sup>[6]</sup>	< 2.2
9. E.Coli <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 F	Not Detected	Not Detected
10. Salmonella spp	MPN/100 mL	Compact Dry SL	Not Detected	Not Detected
11. S. aureus	MPN/100 mL	SM : 9213 B	Not Detected	Not Detected

Physical Appearance Sample 25664240 : Clear, colorless liquid, no sediment Container Normal : PE 500 mL, G 250 mL

### REMARK

- [1] : Standard Methods for The Examination of Water and Wastewater, APHA, AWWA, WEF., 23<sup>rd</sup> Edition 2017  
 [2] : Notification of the Ministry of Public Health No. 78 (B.E.2527) and No. 137 (B.E.2534), Ice Standard  
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Reported By :

จันทิพ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

24/11/22

Approved by :

สาอวพา นุกะว

Miss. Saowapa Nukaw

Laboratory Manager

24/11/22

ACCREDITED LABORATORY GLP/DIW 2550



บริษัท เบสท์ ชอยส์ เคมีคัลส์ แอนด์ เอ็นจิเนียริ่ง จำกัด

ห้องปฏิบัติการวิเคราะห์เอกชน

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# PERSONAL SERVICE REPORT

**NALCO** Water  
An Ecolab Company

Customer : Saii Laguna Phuket

Address : 323, Moo 2, Srisoonthorn Road, Bangtao Beach  
Cherngtalay, Talang, Phuket 83110

Tel. : 032-538999

Fax :

To : Chainarong Sombutaksorn

CC : Jesada Klayasuwan

CC (Nalco) : Chanatip Parnrungsri, Kowit Sungkomol

Date : 10-Jul-2023

## Chiller Status

Chiller Operate (No.) : 1

Approach temp(F) : 1.3

Load (%) : 77

## Water Meter

Make Up : 9,231

Blow Down : 1,976

## Water Analysis

Water Sample	Makeup Water	Control Limit	Cooling Water	Control Limit
Trasar2 [ppm]			55	50 - 70
Free Chlorine [ppm as Cl <sub>2</sub> ]			0.19	0.1 - 0.5
pH	6.1	6.0 - 8.0	7.89	7.5 - 8.5
Conductivity [μS/cm]	134	< 400	1,554	< 3,500
Total Iron [ppm]			1.3	< 2
Water Color			Cloudy	
Bio Fouling			None	
Blowdown Status			Auto	

## Visual Inspection



## Action and Recommendation

Normal

## Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	60/50%	normal	14
	Microbial inhibitor	100/75%	normal	36

Reported by : Thipat Chuchartpong  
(District Representative, Southern Thailand Territory)

# PERSONAL SERVICE REPORT

**NALCO** Water  
An Ecolab Company

Customer : Saii Laguna Phuket

Address : 323, Moo 2, Srisoonthorn Road, Bangtao Beach  
Cherngtalay, Talang, Phuket 83110

Tel. : 032-538999

Fax :

To : Chainarong Sombutaksorn

CC : Jesada Klaysuwan

CC (Nalco) : Chanatip Parnrungsri, Thipat Chucharttong, Kowit Sungkomol

Date : 8-Aug-2023

## Chiller Status

Chiller Operate (No.) : 3 Approach temp(F) : 1.5 Load (%) : 77.4

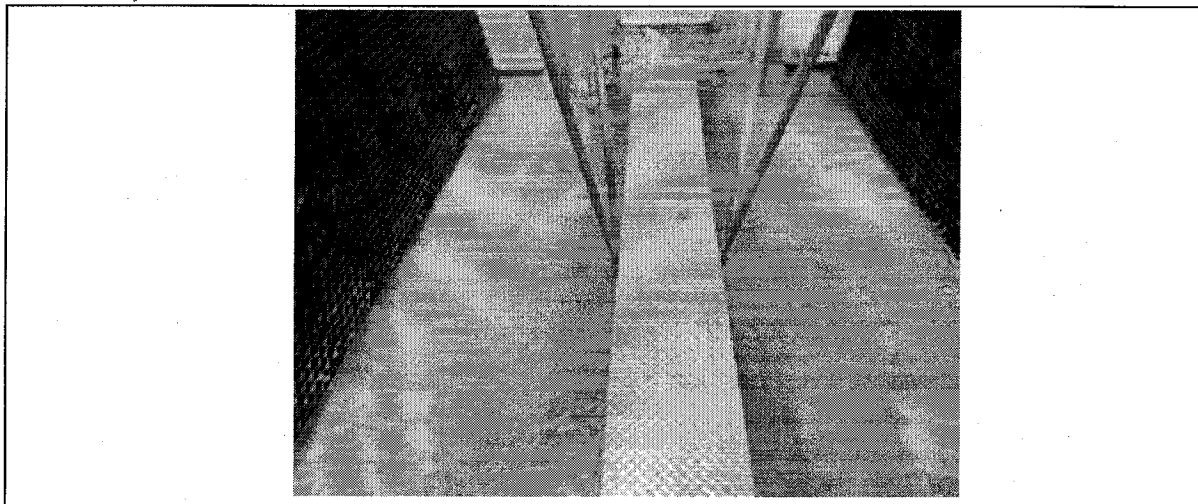
## Water Meter

Make Up : 10,167 Blow Down : 2,037  
(Q/Day) : 32.28 (Q/Day) : 2.10 % Blowdown : 6.5%

## Water Analysis

Water Sample	Makeup Water	Control Limit	Cooling Water	Control Limit
Trasar2 [ppm]			55	50 - 70
Free Chlorine [ppm as Cl <sub>2</sub> ]			0.19	0.1 - 0.5
pH	6.2	6.0 - 8.0	8.1	7.5 - 8.5
Conductivity [μS/cm]	152	< 400	1,800	< 3,500
Total Iron [ppm]			1.14	< 2
Water Color			Cloudy	
Bio Fouling			None	
Blowdown Status			Auto	

## Visual Inspection



## Action and Recommendation

Normal

## Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	80/50%	normal	14
	Microbial inhibitor	100/100%	normal	25

Reported by : Apichaya Butsri  
(Application engineer, Southern Thailand Territory)

# PERSONAL SERVICE REPORT

**NALCO** Water  
An Ecolab Company

Customer : Saii Laguna Phuket

Address : 323, Moo 2, Srisoonthorn Road, Bangtao Beach  
Cherngtalay, Talang, Phuket 83110

Tel. : 032-538999

Fax :

To : Chainarong Sombutaksorn

CC : Jesada Klaysuwan

CC (Nalco) : Chanatip Pannrungsri, Thipat Chucharttong, Kowit Sungkomol

Date : 7-Sep-2023

## Chiller Status

Chiller Operate (No.) : 1 Approach temp(F) : 1.3 Load (%) : 78

## Water Meter

Make Up : 11,095 Blow Down : 2,131  
(Q/Day) : 30.93 (Q/Day) : 3.13 % Blowdown : 10.1%

## Water Analysis

Water Sample	Makeup Water	Control Limit	Cooling Water	Control Limit
Trasar2 [ppm]			55	50 - 70
Free Chlorine [ppm as Cl <sub>2</sub> ]			0.18	0.1 - 0.5
pH	6.68	6.0 - 8.0	7.98	7.5 - 8.5
Conductivity [μS/cm]	350	< 400	3,100	< 3,500
Total Iron [ppm]			0.39	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

## Visual Inspection



## Action and Recommendation

Normal

## Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	80/50%	normal	11
	Microbial inhibitor	100/75%	normal	18

Reported by : Apichaya Butsri  
(Application engineer, Southern Thailand Territory)

# PERSONAL SERVICE REPORT

**NALCO** Water  
An Ecolab Company

Customer : Sali Laguna Phuket

Address : 323, Moo 2, Srisoonthorn Road, Bangtao Beach  
Cherngtalay, Talang, Phuket 83110

Tel. : 032-538999

Fax :

To : Chainarong Sombutaksorn

CC : Jesada Klaysuwan

CC (Nalco) : Chanatip Pannrungsri, Thipat Chucharttong, Kowit Sungkomol

Date : 13-Oct-2023

## Chiller Status

Chiller Operate (No.) : 1 Approach temp(F) : 1.1 Load (%) : 68

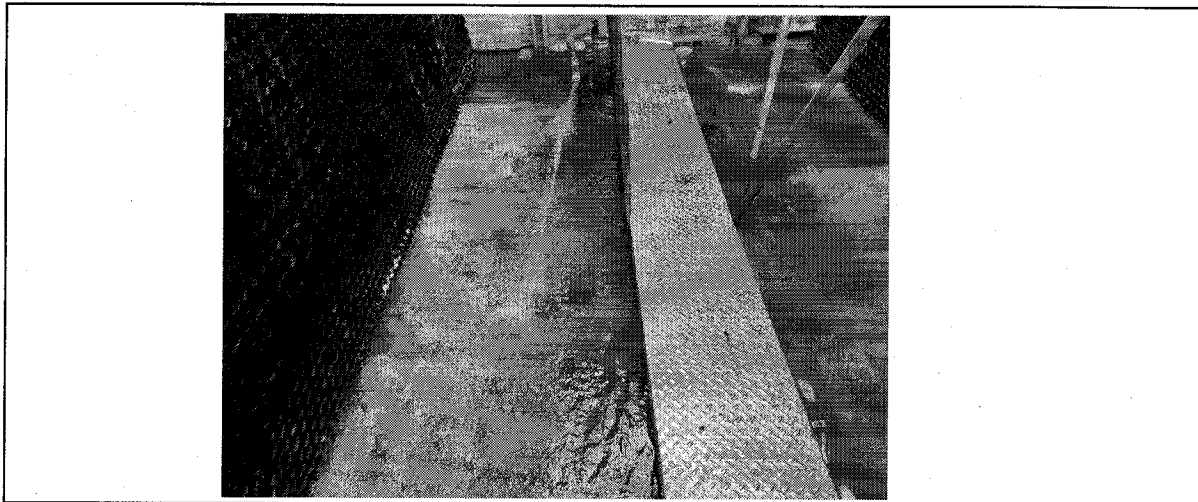
## Water Meter

Make Up : 12,024 Blow Down : 2,259  
(Q/Day) : 25.81 (Q/Day) : 3.56 % Blowdown : 13.8%

## Water Analysis

Water Sample	Makeup Water	Control Limit	Cooling Water	Control Limit
Trasar2 [ppm]			55	50 - 70
Free Chlorine [ppm as Cl <sub>2</sub> ]			0.1	0.1 - 0.5
pH	8.01	6.0 - 8.0	8.45	7.5 - 8.5
Conductivity [μS/cm]	298	< 400	2,730	< 3,500
Total Iron [ppm]			0.16	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

## Visual Inspection



## Action and Recommendation

Normal

## Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	100/75%	normal	7
	Microbial inhibitor	100/100%	normal	8

Reported by : Apichaya Butsri  
(Application engineer, Southern Thailand Territory)

# PERSONAL SERVICE REPORT

**NALCO** Water  
An Ecolab Company

Customer : Saii Laguna Phuket

Address : 323, Moo 2, Srisoonthorn Road, Bangtao Beach  
Cherngtalay, Talang, Phuket 83110

Tel. : 032-538999

Fax :

To : Chainarong Sombutaksorn

CC : Jesada Klaysuwan

CC (Nalco) : Chanatip Parnrungsri, Thipat Chucharttong, Kowit Sungkomol

Date : 8-Nov-2023

## Chiller Status

Chiller Operate (No.) : 3 Approach temp(F) : 1.7 Load (%) : 87.1

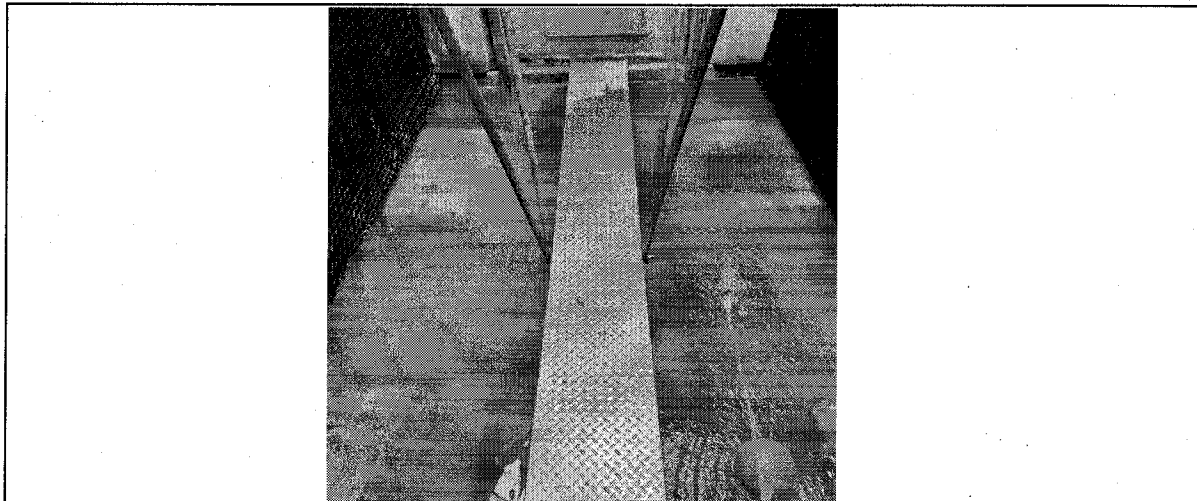
## Water Meter

Make Up : 12,754 Blow Down : 2,360  
(Q/Day) : 28.08 (Q/Day) : 3.88 % Blowdown : 13.8%

## Water Analysis

Water Sample	Makeup Water	Control Limit	Cooling Water	Control Limit
Trasar2 [ppm]			55	50 - 70
Free Chlorine [ppm as Cl <sub>2</sub> ]			0.19	0.1 - 0.5
pH	6.1	6.0 - 8.0	7.86	7.5 - 8.5
Conductivity [μS/cm]	217	< 400	2,400	< 3,500
Total Iron [ppm]			0.27	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

## Visual Inspection



## Action and Recommendation

Normal

## Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	100/75%	normal	10
	Microbial inhibitor	100/100%	normal	29

Reported by : Apichaya Butsri  
(Application engineer, Southern Thailand Territory)

## PERSONAL SERVICE REPORT

**NALCO** Water  
An Ecolab Company

Customer : Saii Laguna Phuket

Address : 323, Moo 2, Srisoonthorn Road, Bangtao Beach  
Cherngtalay, Talang, Phuket 83110

Tel : 032-538999 Fax :

To : Chainarong Sombutaksorn

CC : Jesada Klaysuwan

CC (Nalco) : Chanatip Parnrungsri, Thipat Chucharttong, Kowit Sungkomol

Date : 13-Dec-2023

### Chiller Status

Chiller Operate (No.) : 2 Approach temp(F) : 1.2 Load (%) : 73

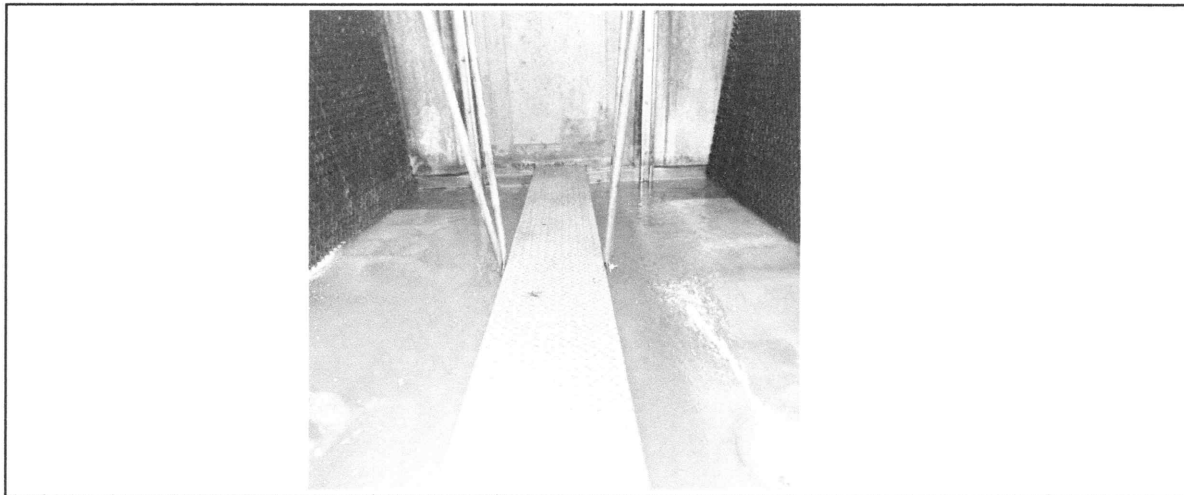
### Water Meter

Make Up : 13,722 Blow Down : 2,507  
(Q/Day) : 27.66 (Q/Day) : 4.20 % Blowdown : 15.2%

### Water Analysis

Water Sample	Makeup Water	Control Limit	Cooling Water	Control Limit
Trasar2 [ppm]			55	50 - 70
Free Chlorine [ppm as Cl <sub>2</sub> ]			0.18	0.1 - 0.5
pH	6.96	6.0 - 8.0	6.81	7.5 - 8.5
Conductivity [μS/cm]	84.4	< 400	992	< 3,500
Total Iron [ppm]			0.46	< 2
Water Color			Cloudy	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

เนื่องจากน้ำ Make up มีค่า pH ต่ำ ส่งผลให้ pH cooling water ต่ำ ทาง Nalco จึงได้มีการปรับลดเคมีความเป็นกรดลง

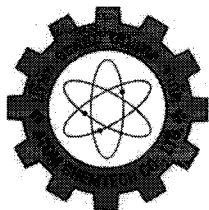
### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	80/75%	normal	7
	Microbial inhibitor	100/75%	normal	14

Reported by : Apichaya Butsri  
(Application engineer, Southern Thailand Territory)





**ATOM CHEMTECH CO., LTD.**

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Tel. (085) 8880036, (085) 8120036, (085) 8340036, (085) 8170038 Fax. (076) 630036

E-mail : atom\_chemtech@yahoo.co.th

**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET

DATE OF SAMPLING : AUGUST 13, 2023

REPORT NO. : ATOM 66 / 163

DATE OF RECEIVING : AUGUST 14, 2023

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : AUGUST 19, 2023

CC : PURCHASE

DATE OF REPORT : AUGUST 20, 2023

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำเสียหลังบำบัด				STANDARD
SAMPLING TIME			15.10 น.				WASTE WATER
ANALYSIS NO.			66 / 163 - 4				
1. PH	-	PH METER	7.60				5.0-9.0
2. BOD	mg/l.	5-day BOD Test, Azide Modification	14				≤ 20
3. Suspended Solids	mg/l.	Dried at 103-105 °C	14				≤ 30
4. Sulfide	mg/l. as S <sup>2-</sup>	Idometric	0.5				≤ 1.0
5. Total Dissolved Solid	mg/l.	Dried at 103-105 °C	311				≤ 500
6. Settleable Solid	mg/l.	Volumetric	ND				≤ 0.5
7. Grease & Oil	mg/l.	Partition-Gravimetric	ND				≤ 20
8. Total Kjeldahl Nitrogen	mg/l.	Macro-Kjeldahl	0.3				≤ 35

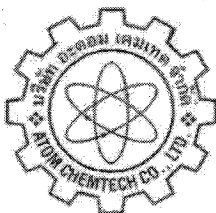
STANDARD WASTE WATER : ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ.2548

เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคาร บางประเภท และบางขนาด (ประเภท ก)

PHYSICAL APPEARANCE : ไม่มีลักษณะใสWATER QUALITY : ค่าน้ำผ่านเกณฑ์มาตรฐานRECOMMEND : ไม่มี

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By: \_\_\_\_\_

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

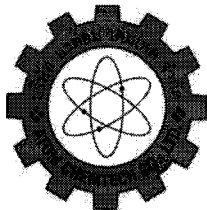
Approved By : \_\_\_\_\_

KRIENGKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

Approved By : \_\_\_\_\_  
KRIENGKRAI SIMMA  
(B.Sc.ENVIRONMENTAL TECHNOLOGY)

(B.Sc.ENVIRONMENTAL TECHNOLOGY)



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Tel. (085) 8880036, (085) 8120036, (085) 8340036, (085) 8170038 Fax. (076) 630036

E-mail : atom\_chemtech@yahoo.co.th

**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET

DATE OF SAMPLING : JULY 15, 2023

REPORT NO. : ATOM 66 / 154

DATE OF RECEIVING : JULY 16, 2023

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : JULY 22, 2023

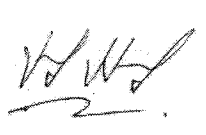
CC : PURCHASE

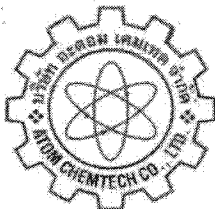
DATE OF REPORT : JULY 23, 2023


PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเล็ก			STANDARD
SAMPLING TIME			13.30 น.	13.30 น.			SWIMMING POOL
ANALYSIS NO.			66 / 154 - 1	66 / 154 - 1			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	6.97	7.28			7.2-7.6
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDNIE	3.0	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	69	69			200-400
5. CHLORIDE	mg/l.	ARGENTOMETRIC	175	177			< 500
6. TDS	mg/l.	ELECTRICAL TDS	469	459			1000-2000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	722	699			500-1000
8. SALINITY	mg/l.	SALINITY METER	147	133			< 1,000
9. MANGANESE	mg/l.	MANGANESE METER	0	0			-
10. M-ALK	mg/l.	HCL TITRATION	27	27			-
11. IRON	mg/l.	IRON METER	0	0			-
12. TUBIDITY	NTU	ABSORPTOMETRIC	3.2	3.5			< 5.0

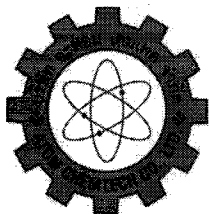
STANDARD SWIMMING POOL : มาตรฐานของ NATIONAL SPA & POOL INSTITUTE (NSPI)PHYSICAL APPEARANCE : น้ำใสวุ่นน้ำทั้งหมด มีลักษณะใสWATER QUALITY : คุณภาพดี มีค่าคลอรีนตกค้างและค่า pH อยู่ในเกณฑ์ดี อันเนื่องจากการทำ super chlorination ด้วยคลอรีนเม็ด 90 ควรหยุดการใช้คลอรีนเพื่อให้สลายตัว ส่วน pH ให้ใช้เคมีปรับสภาพความเป็นด่างRECOMMEND : ไม่มี

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:   
JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)



Approved By:   
KRIEN GKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

**ATOM CHEMTECH CO., LTD.**

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E-mail : atom\_chemtech@yahoo.co.th

**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET

DATE OF SAMPLING : AUGUST 13, 2023

REPORT NO. : ATOM 66 / 163

DATE OF RECEIVING : AUGUST 14, 2023

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : AUGUST 19, 2023

CC : PURCHASE

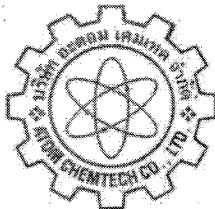
DATE OF REPORT : AUGUST 20, 2023

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเด็ก			STANDARD
SAMPLING TIME			15.10 น.	15.10 น.			SWIMMING POOL
ANALYSIS NO.			66 / 163 - 1	66 / 163 - 2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	6.88	7.39			7.2-7.6
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDNIE	3.0	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	71	71			200-400
5. CHLORIDE	mg/l.	ARGENTOMETRIC	164	171			< 500
6. TDS	mg/l.	ELECTRICAL TDS	489	477			1000-2000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	711	682			500-1000
8. SALINITY	mg/l.	SALINITY METER	135	121			< 1,000
9. MANGANESE	mg/l.	MANGANESE METER	0	0			-
10. M-ALK	mg/l.	HCL TITRATION	29	29			-
11. IRON	mg/l.	IRON METER	0	0			-
12. TUBIDITY	NTU	ABSORPTOMETRIC	3.1	2.9			< 5.0

STANDARD SWIMMING POOL : มาตรฐานของ NATIONAL SPA & POOL INSTITUTE (NSPI)PHYSICAL APPEARANCE : น้ำใส รวบน้ำทั้งหมด มีลักษณะใสWATER QUALITY : คุณภาพทั้งหมด มีค่าคลอรีน และ ค่า pH อยู่ในเกณฑ์ปกติRECOMMEND : ไม่มี

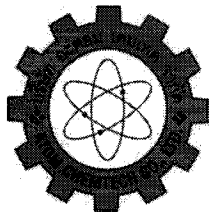
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By: \_\_\_\_\_

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By : \_\_\_\_\_

KRIENGKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

**ATOM CHEMTECH CO., LTD.**

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E-mail : atom\_chemtech@yahoo.co.th

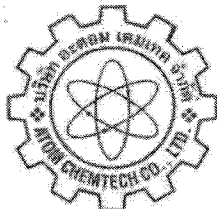

**WATER ANALYSIS REPORT**

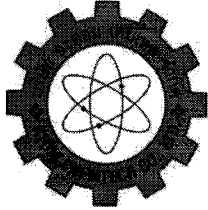
CUSTOMER NAME : SAI LAGUNA PHUKET DATE OF SAMPLING : SEPTEMBER 16, 2023  
REPORT NO. : ATOM 66 / 177 DATE OF RECEIVING : SEPTEMBER 17, 2023  
ATTN : CHIEF ENGINEER DATE OF ANYLYSIS : SEPTEMBER 25, 2023  
CC : PURCHASE DATE OF REPORT : SEPTEMBER 26, 2023

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเล็ก			STANDARD
SAMPLING TIME			15.10 น.	15.10 น.			SWIMMING POOL
ANALYSIS NO.			66 / 177 - 1	66 / 177 - 2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	7.02	7.49			7.2-7.6
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDNIE	3.0	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	74	73			200-400
5. CHLORIDE	mg/l.	ARGENTOMETRIC	181	193			< 500
6. TDS	mg/l.	ELECTRICAL TDS	473	463			1000-2000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	623	692			500-1000
8. SALINITY	mg/l.	SALINITY METER	143	116			< 1,000
9. MANGANESE	mg/l.	MANGANESE METER	0	0			-
10. M-ALK	mg/l.	HCL TITRATION	26	26			-
11. IRON	mg/l.	IRON METER	0	0			-
12. TUBIDITY	NTU	ABSORPTOMETRIC	2.9	2.8			< 5.0

STANDARD SWIMMING POOL : มาตรฐานของ NATIONAL SPA & POOL INSTITUTE (NSPI)PHYSICAL APPEARANCE : น้ำใสทั่วน้ำทั้งหมด มีลักษณะใสWATER QUALITY : คุณภาพทั้งหมด มีค่าคลอรีน และ ค่า pH อยู่ในเกณฑ์ปกติRECOMMEND : ไม่มี

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By: JATUPHAN JANIATURAPHAN  
(CHEMICAL SALES DEPARTMENT)Approved By : KRIENKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

**ATOM CHEMTECH CO., LTD.**

65/14 Moo.1, Tambol Kohkaew, Amphur Muang, Phuket 83000. THAILAND

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E-mail : atom\_chemtech@yahoo.co.th


**WATER ANALYSIS REPORT**

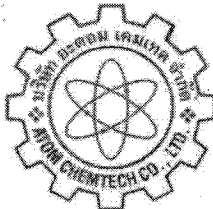
CUSTOMER NAME : SAI LAGUNA PHUKET      DATE OF SAMPLING : OCTOBER 11, 2023  
REPORT NO. : ATOM 66 / 188      DATE OF RECEIVING : OCTOBER 12, 2023  
ATTN : CHIEF ENGINEER      DATE OF ANYLYSIS : OCTOBER 15, 2023  
CC : PURCHASE      DATE OF REPORT : OCTOBER 17, 2023

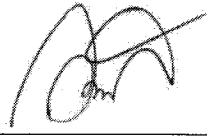
PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเด็ก			STANDARD
SAMPLING TIME			15.10 น.	15.10 น.			SWIMMING POOL
ANALYSIS NO.			66 / 188 - 1	66 / 188 - 2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	6.8	7.19			7.2-7.6
3. RESIDUALCHLORINE	mg/l.	ORTHOTOLIDNIE	3.0	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	71	70			200-400
5. CHLORIDE	mg/l.	ARGENTOMETRIC	177	191			< 500
6. TDS	mg/l.	ELECTRICAL TDS	465	441			1000-2000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	661	632			500-1000
8. SALINITY	mg/l.	SALINITY METER	137	134			< 1,000
9. MANGANESE	mg/l.	MANGANESE METER	0	0			-
10. M-ALK	mg/l.	HCL TITRATION	24	24			-
11. IRON	mg/l.	IRON METER	0	0			-
12. TUBIDITY	NTU	ABSORPTOMETRIC	2.8	2.7			< 5.0

STANDARD SWIMMING POOL : มาตรฐานของ NATIONAL SPA & POOL INSTITUTE (NSPI)PHYSICAL APPEARANCE : น้ำใสไร้กลิ่น มีลักษณะใสWATER QUALITY : คุณภาพดี มีค่าคลอรีน และ ค่า pH อยู่ในเกณฑ์ปกติRECOMMEND : ไม่มี

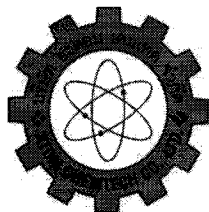
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By :   
JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)



Approved By :   
KRIENKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)



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**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET

DATE OF SAMPLING : NOVEMBER 20, 2023

REPORT NO. : ATOM 66 / 193

DATE OF RECEIVING : NOVEMBER 21, 2023

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : NOVEMBER 28, 2023

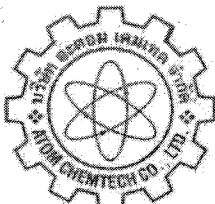

CC : PURCHASE

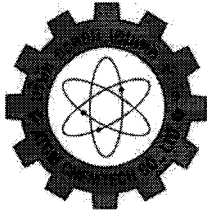
DATE OF REPORT : NOVEMBER 29, 2023

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเล็ก			STANDARD
SAMPLING TIME			14.10 น.	14.10 น.			SWIMMING POOL
ANALYSIS NO.			66 / 193-1	66 / 193-2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	6.75	7.22			7.2-7.6
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDNIE	3.0	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	71	72			200-400
5. CHLORIDE	mg/l.	ARGENTOMETRIC	159	161			< 500
6. TDS	mg/l.	ELECTRICAL TDS	462	427			1000-2000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	613	624			500-1000
8. SALINITY	mg/l.	SALINITY METER	149	124			< 1,000
9. MANGANESE	mg/l.	MANGANESE METER	0	0			-
10. M-ALK	mg/l.	HCL TITRATION	27	27			-
11. IRON	mg/l.	IRON METER	0	0			-
12. TUBIDITY	NTU	ABSORPTOMETRIC	2.7	2.5			< 5.0

STANDARD SWIMMING POOL : มาตรฐานของ NATIONAL SPA & POOL INSTITUTE (NSPI)PHYSICAL APPEARANCE : น้ำใสไร้กลิ่น มีลักษณะใสWATER QUALITY : คุณภาพทั้งหมด มีค่าคลอรีน และ ค่า pH อยู่ในเกณฑ์ปกติRECOMMEND : ไม่มี

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By: JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)Approved By : KRIENKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

**ATOM CHEMTECH CO., LTD.**

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**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAIL LAGUNA PHUKET

DATE OF SAMPLING : JULY 15, 2023

REPORT NO. : ATOM 66 / 154

DATE OF RECEIVING : JULY 16, 2023

ATTN : CHIEF ENGINEER

DATE OF ANALYSIS : JULY 22, 2023

CC : PURCHASE

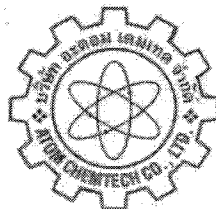
DATE OF REPORT : JULY 23, 2023

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำประปา				STANDARD
SAMPLING TIME			13.30 น.				WATER SUPPLY
ANALYSIS NO.			66 / 154 - 1				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	7.4				6.5-8.5
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDINE	1				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	35				< 300
5. CHLORIDE	mg/l.	ARGENTOMETRIC	39				< 250
6. TDS	mg/l.	ELECTRICAL TDS	171				< 1000
7. CONDUCTIVITY	µs/cm	ELECTRICAL CONDUCTIVITY	223				< 1800
8. M-ALK	mg/l.	HCL TITRATION	59				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	59				-
11. IRON	mg/l.	IRON METER	0				< 0.3

STANDARD WATER SUPPLY : มาตรฐานคุณภาพน้ำประปาของการประปาส่วนภูมิภาค (ตามข้อกำหนดขององค์การอนามัยโลก ปี 2011)PHYSICAL APPEARANCE : น้ำมีลักษณะใสWATER QUALITY : ค่าผ่านเกณฑ์มาตรฐานRECOMMEND : ไม่มี

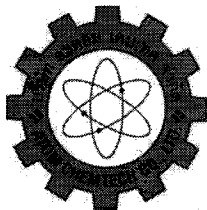
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By:

KRIENGKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

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**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET

DATE OF SAMPLING : AUGUST 13, 2023

REPORT NO. : ATOM 66 / 163

DATE OF RECEIVING : AUGUST 14, 2023

ATTN : CHIEF ENGINEER

DATE OF ANALYSIS : AUGUST 19, 2023

CC : PURCHASE

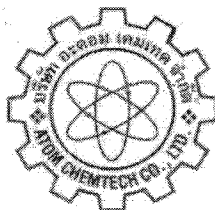
DATE OF REPORT : AUGUST 20, 2023

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำประปา				STANDARD
SAMPLING TIME			15.10 น.				WATER SUPPLY
ANALYSIS NO.			66 / 163 - 3				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	7.2				6.5-8.5
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDINE	1.5				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	37				< 300
5. CHLORIDE	mg/l.	ARGENTOMETRIC	42				< 250
6. TDS	mg/l.	ELECTRICAL TDS	169				< 1000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	228				< 1800
8. M-ALK	mg/l.	HCL TITRATION	57				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	57				-
11. IRON	mg/l.	IRON METER	0				< 0.3

STANDARD WATER SUPPLY : มาตรฐานคุณภาพน้ำประปาของการประปาส่วนภูมิภาค (ตามข้อเสนอแนะขององค์การอนามัยโลก ปี 2011)PHYSICAL APPEARANCE : น้ำมีลักษณะใสWATER QUALITY : ค่าน้ำผ่านเกณฑ์มาตรฐานRECOMMEND : ไม่มี

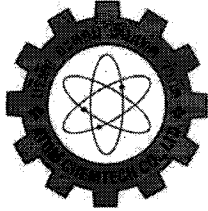
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By :

KRIENKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

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**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAIL LAGUNA PHUKET

DATE OF SAMPLING : SEPTEMBER 16, 2023

REPORT NO. : ATOM 66 / 177

DATE OF RECEIVING : SEPTEMBER 17, 2023

ATTN : CHIEF ENGINEER

DATE OF ANALYSIS : SEPTEMBER 25, 2023

CC : PURCHASE

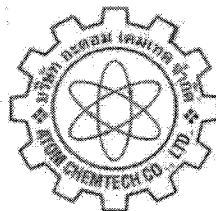
DATE OF REPORT : SEPTEMBER 26, 2023

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำประปา				STANDARD
SAMPLING TIME			15.10 น.				WATER SUPPLY
ANALYSIS NO.			66 / 177 - 3				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	7.6				6.5-8.5
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDINE	1				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	39				< 300
5. CHLORIDE	mg/l.	ARGENTOMETRIC	41				< 250
6. TDS	mg/l.	ELECTRICAL TDS	166				< 1000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	273				< 1800
8. M-ALK	mg/l.	HCL TITRATION	59				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	59				-
11. IRON	mg/l.	IRON METER	0				< 0.3

STANDARD WATER SUPPLY : มาตรฐานคุณภาพน้ำประปาของการประปาสวนภูมิภาค (ตามข้อกำหนดขององค์การอนามัยโลก ปี 2011)PHYSICAL APPEARANCE : น้ำมีลักษณะใสWATER QUALITY : ค่าผ่านเกณฑ์มาตรฐานRECOMMEND : ไม่มี

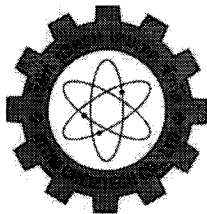
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By :

KRIENGKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

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**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET

DATE OF SAMPLING : OCTOBER 11, 2023

REPORT NO. : ATOM 66 / 188

DATE OF RECEIVING : OCTOBER 12, 2023

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : OCTOBER 15, 2023

CC : PURCHASE

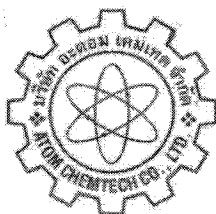
DATE OF REPORT : OCTOBER 17, 2023

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำประปา				STANDARD
SAMPLING TIME			15.10 น.				WATER SUPPLY
ANALYSIS NO.			66 / 188 - 3				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	7.4				6.5-8.5
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDNIE	1.5				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	37				< 300
5. CHLORIDE	mg/l.	ARGENTROMETRIC	38				< 250
6. TDS	mg/l.	ELECTRICAL TDS	163				< 1000
7. CONDUCTIVITY	µs/cm	ELECTRICAL CONDUTIVITY	255				< 1800
8. M-ALK	mg/l.	HCL TITRATION	57				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	57				-
11. IRON	mg/l.	IRON METER	0				< 0.3

STANDARD WATER SUPPLY : มาตรฐานคุณภาพน้ำประปาของการประปาส่วนภูมิภาค (ตามข้อแนะนำขององค์การอนามัยโลก ปี 2011)PHYSICAL APPEARANCE : น้ำมีลักษณะใสWATER QUALITY : ค่าผ่านเกณฑ์มาตรฐานRECOMMEND : ไม่มี

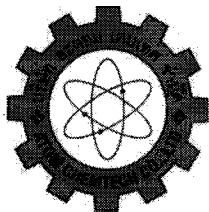
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By :

KRIENGKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

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E-mail : atom\_chemtech@yahoo.co.th

**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAIL LAGUNA PHUKET

DATE OF SAMPLING : NOVEMBER 20, 2023

REPORT NO. : ATOM 66 / 193

DATE OF RECEIVING : NOVEMBER 21, 2023

ATTN : CHIEF ENGINEER

DATE OF ANALYSIS : NOVEMBER 28, 2023

CC : PURCHASE

DATE OF REPORT : NOVEMBER 29, 2023

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำประปา				STANDARD
SAMPLING TIME			14.10 น.				WATER SUPPLY
ANALYSIS NO.			66 / 193- 3				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	7.4				6.5-8.5
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDINE	0.5				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	38				< 300
5. CHLORIDE	mg/l.	ARGENTOMETRIC	42				< 250
6. TDS	mg/l.	ELECTRICAL TDS	149				< 1000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	286				< 1800
8. M-ALK	mg/l.	HCL TITRATION	57				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	57				-
11. IRON	mg/l.	IRON METER	0				< 0.3

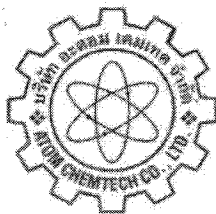
STANDARD WATER SUPPLY : มาตรฐานคุณภาพน้ำประปาของการประปาส่วนภูมิภาค (ตามข้อแนะนำขององค์การอนามัยโลก ปี 2011)PHYSICAL APPEARANCE : น้ำมีลักษณะใสWATER QUALITY : ค่าผ่านเกณฑ์มาตรฐานRECOMMEND : ไม่มี

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

JATUPHAN JANJATURAPHAN

(CHEMICAL SALES DEPARTMENT)



Approved By :

KRIENGKRAI SIMMA

(B.Sc. ENVIRONMENTAL TECHNOLOGY)