

ภาคผนวก ข

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## ผลการตรวจวิเคราะห์คุณภาพน้ำ



# BEST CHOICE

## CHEMICALS & ENGINEERING CO., LTD.

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



### WATER ANALYSIS REPORT

Page 1/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	January 10-17, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	January 18, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (จ-250-จ-0003)	Report No.	PKT6701050

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.59 AM
Analysis No.	25670115

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	5.7	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	12.9	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	20.7	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	7.3	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	1.0	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	210	≤ 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 25670115 : 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. จ-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 25660114 = 102 mg/L)

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

Reported By : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka (จ-250-จ-0004)

Laboratory Analyst

18/1/67

Aproved By :

Miss. Saowapa Nukaew (จ-250-ก-0002)

Laboratory Supervisor

18/1/67

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เลขทะเบียน จ-250

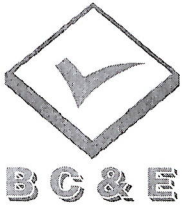
FM-QP-13/01 Rev.01

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## WATER ANALYSIS REPORT

Page 1/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	February 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	February 7-14, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	February 15, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (จ-250-ท-0003)	Report No.	PKT6702029

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.38 AM.
Analysis No.	25660515

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 26.0°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	15.3	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	29.5	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	8.5	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	4.5	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	225	≤ 500 <sup>[6]</sup>
7. Sulfide <sup>[4]</sup>	mg/L	SM : 4500-S <sup>2-</sup> F	0.4	≤ 1.0

Physical Appearance Sample 25670515 : 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. จ-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 25670519 = 110 mg/L)

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

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

Laboratory Analyst  
15/2/24



Aproved By : สาอวพา นุกาแวง  
Miss. Saowapa Nukaew (จ-250-ท-0002)

Laboratory Supervisor  
15/2/24

ACCREDITED LABORATORY GLP/DIW 2550

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เลขทะเบียน จ-250

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### WATER ANALYSIS REPORT

Page 1/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	March 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	March 5, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	March 5-13, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	March 14, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (จ-250-ท-0003)	Report No.	PKT6703013

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.46 AM
Analysis No.	25670837

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	6.4	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	15.0	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	28.1	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	13.2	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	0.8	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	128	≤ 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 25670837 : 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. จ-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 25670844 = 31.43 mg/L)

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

Reported By : จันทิพย์ มิตรตะกน

Miss. Jantip Mittaka (จ-250-ท-0004)

Laboratory Analyst

14.3.17

Aproved By :

Miss. Saowapa Nukaew (จ-250-ท-0002)

Laboratory Supervisor

14.3.17



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เลขทะเบียน จ-250

FM-QP-13/01 Rev.01

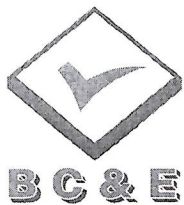
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### WATER ANALYSIS REPORT

Page 1/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	April 4-11, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	April 12, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003)	Report No.	PKT6704010

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.14 AM
Analysis No.	25671206

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	6.4	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	9.8	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	24.2	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	16.0	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	2.1	≤ 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	0.9	≤ 1.0

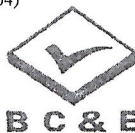
Physical Appearance Sample 25671206 : Clear yellow liquid, no sediment Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L

#### 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 25661210 = 110 mg/L)  
[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

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

Laboratory Analyst  
12 / 4 / 67



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

Laboratory Supervisor  
12 / 4 / 67

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## WATER ANALYSIS REPORT

Page 1/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	May 8-15, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	May 16, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003)	Report No.	PKT6705034

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.46 AM
Analysis No.	25671669

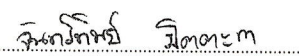
Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25.0 °C	-	SM : 4500-H <sup>+</sup> B	6.5	5.0-9.0
2. Biochemical Oxygen Demand <sup>[4]</sup>	mg/L	SM : 5210 B	19.2	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	15.0	≤ 30
4. Total Kjeldahl Nitrogen <sup>[4]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	9.2	≤ 35
5. Oil & Grease <sup>[4]</sup>	mg/L	SM : 5520 B	3.3	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	288	≤ 500 <sup>[6]</sup>
7. Sulfide <sup>[4]</sup>	mg/L	SM : 4500-S <sup>2-</sup> F	0.9	≤ 1.0

Physical Appearance      Sample 25671669 : 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. 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 25671675 = 145 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 :

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

Laboratory Analyst

๑๖ / ๖ / ๒๕

Aproved By :

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

Laboratory Supervisor

๑๖ / ๖ / ๒๕



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เลขทะเบียน ๖-250

FM-QP-13/01 Rev.02

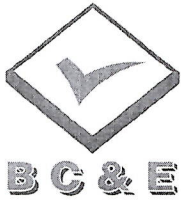
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### WATER ANALYSIS REPORT

Page 2/8

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[4]</sup>	June 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	June 5, 2024
Sampling Source <sup>[4]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	June 5-12,2024
Sampling Method <sup>[4]</sup>	Grab Sample	Report Date	June 13, 2024
Sampling By <sup>[4]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003)	Report No.	PKT6706029

Sampling Name <sup>[4]</sup>	Effluent
Sampling Time <sup>[4]</sup>	09.50 AM
Analysis No.	25672013

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25°C	-	SM : 4500-H <sup>+</sup> B	6.2	5.0-9.0
2. Biochemical Oxygen Demand <sup>[3]</sup>	mg/L	SM : 5210 B	1.5	≤ 20
3. Total Suspended Solids	mg/L	SM : 2540 D	15.0	≤ 30
4. Total Kjeldahl Nitrogen <sup>[3]</sup>	mg/L	SM : 4500 N <sub>org</sub> B	7.3	≤ 35
5. Oil & Grease <sup>[3]</sup>	mg/L	SM : 5520 B	8.4	≤ 20
6. Total Dissolved Solids	mg/L	SM : 2540 C	298	≤ 500 <sup>[5]</sup>
7. Sulfide <sup>[3]</sup>	mg/L	SM : 4500-S <sup>2-</sup> F	0.6	≤ 1.0

Physical Appearance Sample 25672013 : 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

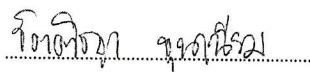
[2] : Notification of the Ministry of Natural Resources and Environment: Building Effluents Standards dated November 7<sup>th</sup> 2005 published in the Royal Government Gazette (Building Class A), Vol. 1๓2 Part 125D., December 29th 2005.

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

[4] : Information received from customers

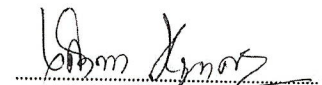
[5] : These values are in addition to the TDS of the water used. (TDS 25672017 = 117.39 mg/L)

Reported By :

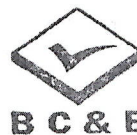
  
Miss. Rattiya Khunnaim (๖-250-๖-0005)

Laboratory Analyst  
13.06.24

Approved By :

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

Laboratory Supervisor  
13.06.24



ACCREDITED LABORATORY GLP/DIW 2550

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

FM-QP-13/01 Rev.02

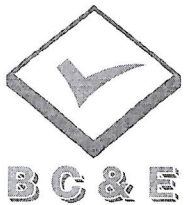
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Tel. (076) 391 320-2 Fax. (076) 391 222



### WATER ANALYSIS REPORT

Page 2/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	January 10-17, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	January 18, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6701050

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.59 AM
Analysis No.	25670115

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 25670115 : 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 25660114 = 102 mg/L)  
[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

Reported By : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

18 / 1 / 67

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

18 / 1 / 67



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### WATER ANALYSIS REPORT

Page 2/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	February 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	February 7-14, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	February 15, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6702029

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.38 AM.
Analysis No.	25660515

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	0.1	≤ 0.5
9. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	> 1600	Not Detected <sup>[7]</sup>

Physical Appearance Sample 25670515 : 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 25670519 = 110 mg/L)  
[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.

Reported By : จันทิพ มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

15/2/24

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

15/2/24

ACCREDITED LABORATORY GLP/DIW 2550



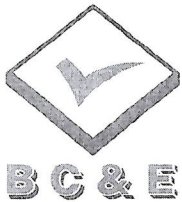
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### WATER ANALYSIS REPORT

Page 2/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	March 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	March 5, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	March 5-13, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	March 14, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6703013

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.46 AM
Analysis No.	25670837

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 25670837 : Clear yellow liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L
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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] : 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.</p> <p>[3] : Outside the scope of certification for registration of private analytical laboratories No. 3-250</p> <p>[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548</p> <p>[5] : Information received from customers</p> <p>[6] : These values are in addition to the TDS of the water used. (TDS 25670844 = 31.43 mg/L)</p> <p>[7] : Water quality standards of the Waterworks. As recommended by the World Health Organization (WHO) in 2011.</p>
--------	---

Reported By : จันทิพ มิตตะกา

Miss. Jantip Mittaka

Laboratory Analyst

14/3/69

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

14/3/69



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ห้องปฏิบัติการวิเคราะห์เอกชน

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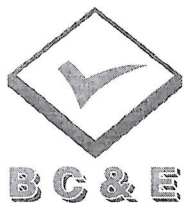
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### WATER ANALYSIS REPORT

Page 2/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	April 4-11, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	April 12, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6704010

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.14 AM
Analysis No.	25671206

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 25671206 : 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 25661210 = 110 mg/L)

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

Reported By : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

12 / 4 / 67

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

12 / 4 / 67



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### WATER ANALYSIS REPORT

Page 2/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	May 8-15, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	May 16, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6705034

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.46 AM
Analysis No.	25671669

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	0.1	≤ 0.5
9. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	> 1600	Not Detected <sup>[7]</sup>

Physical Appearance Sample 25671669 : 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 25671675 = 145 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 มิตรตะนา

Aproved By :

Miss. Jantip Mittaka

Miss. Saowapa Nukaew

Laboratory Analyst

Laboratory Supervisor

16 / 5 / 67

16 / 5 / 67

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### WATER ANALYSIS REPORT

Page 3/8

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	June 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	June 5, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	June 5-12, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	June 13, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6706029

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	09.50 AM
Analysis No.	25672013

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. Chemical Oxygen Demand <sup>[3][4]</sup>	mg/L	SM : 5220 C	21.0 <sup>[8]</sup>	≤ 120 <sup>[6]</sup>
10. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM : 9221 B	> 1600	Not Detected <sup>[7]</sup>

Physical Appearance Sample 25671669 : 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. 2-250

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

[5] : Information received from customers

[6] : 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.

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

[8] : Analysis of subcontracting

Reported By : มิสริยา ขุนนัย

Miss. Rattiya Khunnaim

Laboratory Analyst

13.06.67

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

13.6.67



ACCREDITED LABORATORY GLP/DIW 2550

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ห้องปฏิบัติการวิเคราะห์เอกชน

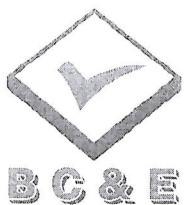
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### WATER ANALYSIS REPORT

Page 3/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	January 10-17, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	January 18, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6701050

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	11.10 AM
Analysis No.	25670116

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	3.3	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	1536	4000-5000

Physical Appearance Sample 25670116 : 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. 7-250  
[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548  
[5] : Information received from customers

Reported By : จันทิพ มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

18 / 1 / 67

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

18 / 1 / 67

ACCREDITED LABORATORY GLP/DIW 2550



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### WATER ANALYSIS REPORT

Page 3/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	February 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	February 7-14, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	February 15, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6702029

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	10.38 AM.
Analysis No.	25670517

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	6.4	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	1870	4000-5000

Physical Appearance	Sample 25670517 : Clear liquid with brown, Brown Sludge	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] : 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. 7-250</p> <p>[4] : Outside the scope of certification, TIS 17025-2017,Testing 0548</p> <p>[5] : Information received from customers</p>
--------	--

Reported By : จันทิพย์ มิตราน

Miss. Jantip Mittaka

Laboratory Analyst

15 / 2 / 67

Aproved By :

สาอวพา นุกาอ

Miss. Saowapa Nukaew

Laboratory Supervisor

15 / 2 / 67

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FM-QP-13/01 Rev.01

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### WATER ANALYSIS REPORT

Page 3/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	March 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road, Cherngtalay, Thalang, Phuket	Receiving Date	March 5, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	March 5-13, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	March 14, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6703013

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	10.56 AM
Analysis No.	25670838

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	2.5	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	3750	4000-5000

Physical Appearance	Sample 25670838 : Clear Brown liquid, Brown Sludge	Container : Normal PE 500 mL
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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. 7-250

[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

14/3/67

Aproved By :

Miss. Saowapa Nukacw

Laboratory Supervisor

14/3/67

ACCREDITED LABORATORY GLP/DIW 2550



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ห้องปฏิบัติการวิเคราะห์เอกชน

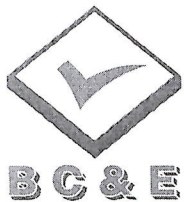
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## WATER ANALYSIS REPORT

Page 3/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	April 4-11, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	April 12, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6704010

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	10.28 AM
Analysis No.	25671207

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	855	4000-5000

Physical Appearance	Sample 25671207 : Clear Brown liquid, Brown Sludge	Container : Normal PE 500 mL
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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 / 4 / 67

Aproved By :

สาอวพา นุกะว

Miss. Saowapa Nukaew

Laboratory Supervisor

12 / 4 / 67

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### WATER ANALYSIS REPORT

Page 3/3

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	Analyzed Date	May 8-15, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	May 16, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6705034

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	10.54 AM
Analysis No.	25671670

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	6.5	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	2900	4000-5000

Physical Appearance	Sample 25671670 : 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 มิตตะทา

Miss. Jantip Mittaka

Laboratory Analyst

16 / 5 / 67

Approved By :

สาอวพา นุกาอว

Miss. Saowapa Nukaew

Laboratory Supervisor

16 / 5 / 67

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## WATER ANALYSIS REPORT

Page 4/8

Customer/Code	Laguna Phuket Club /6L-025	5/6/2024	June 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	5/6/2024	June 5, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Aeration pond)	June 5-12,2024	June 5-12,2024
Sampling Method <sup>[5]</sup>	Grab Sample	13/6/2024	June 13, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	PKT6706029	PKT6706029

Sampling Name <sup>[5]</sup>	Aeration pond water
Sampling Time <sup>[5]</sup>	09.58 AM
Analysis No.	25672014

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	7.3	> 2.0
2. Mixed Liquor Suspended Solids (MLSS) <sup>[3][4]</sup>	mg/L	SM : 2540 D	713	4000-5000

Physical Appearance	Sample 25672014 : Clear Brown liquid, Brown Sludge	Container : Normal PE 500 mL
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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 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. Rattiya Khunnaim

Laboratory Analyst

13, 06, 67

Approved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

13, 6, 67



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FM-QP-13/01 Rev.02

Date announced for January 02, 2024

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## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	January 10, 2024
Sampling Method	Grab Sample	Report Date	January 26, 2024
Sampling By	Miss. Yonlatda Thaneerat	Report No.	PKT67/01/L003

Sampling Name	Effluent
Sampling Time	11.02 AM
Analysis No.	L01009

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 มิตราก

Miss. Jantip Mittaka

Laboratory Analyst

26/1/67

Approved By :

สาอวพา นุกะว

Miss. Saowapa Nukacw

Laboratory Supervisor

26/1/67



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## WATER ANALYSIS REPORT

Page 6/6

Customer/Code <sup>[5]</sup>	6L-025 Laguna Phuket Club - SAii Laguna Phuket	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address <sup>[5]</sup>	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Wastewater Treatment Systems (Gardener pond)	Analyzed Date	April 4, 2024
Sampling Method <sup>[3]</sup>	Grab Sampling	Report Date	April 24, 2024
Sampling By	Miss Yonlatda Thaneerat	Report No.	PKT67/04/L001

Sampling Name <sup>[5]</sup>	Effluent
Sampling Time <sup>[5]</sup>	10.14 AM.
Analysis No.	L6704006

Parameter	Unit	Method of Analysis <sup>[1][2][3]</sup>	Result
1. <i>Legionella</i> spp.	CFU/L	Culture (CDC, 2005)	Not Detected <sup>[4]</sup>

Physical Appearance Sample L6704006 : Clear, yellow liquid, no sediment Container : Normal G 1.0 L

Remark

[1] : Pasculle, W.and McDevitt, D. Legionella culture. In Garcia, L.S. (ed.) Clinical Microbiology Procedures Handbook, Third edition and 2007 update. ASM Press. Washington DC. 2010.3.11.4.1-13.6.14

[2] : DournonE, Isolation Of Legionella from Clinical specimens,. In Harrision TG and AG Taylor (ed.) A Laboratory Manual for Legionella. John Wiley and Sons Ltd., London. 1988 : 13-30.

[3] : Centers for Diseases Control and Prevention. 2005. Procedures for the Recovery of Legionella from the Environment. Centers for Diseases Control and Prevention, U.S. Department of Health and Human Services, Atlanta.

[4] : Analysis of subcontracting

[5] : Information received from customers

Reported By :

Miss.Rattiya Khunnaim

Laboratory Analyst

24/04/67

Aproved By :

Miss. Saowapa Nukaew

Laboratory Manager

24/4/67



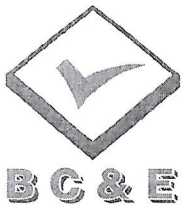
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## WATER ANALYSIS REPORT

Page 3/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	January 10-17, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	January 18, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (จ-250-จ-0003 )	Report No.	PKT6701050

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.37 AM.
Analysis No.	25670118

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	7.2 - 8.4

Physical Appearance Sample 25670118 : 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. 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 :

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

Laboratory Analyst

18/1/67

Approved by :

สาอวพา นุกะว  
Miss. Saowapa Nukacw (จ-250-ค-0002)

Laboratory Supervisor

18/1/67

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เลขทะเบียน จ-250

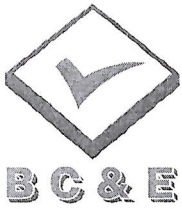
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### WATER ANALYSIS REPORT

Page 3/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	February 7, 2027
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2027
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	February 7-14, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	February 15, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (จ-250-จ-0003 )	Report No.	PKT6702029

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.21 AM.
Analysis No.	25670519

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	6.4	7.2 - 8.4

Physical Appearance Sample 25670519 : 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. 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 : จันทิพร มิตตะ  
Miss. Jantip Mittaka (จ-250-จ-0004)

Laboratory Analyst  
15/2/67

Approved by : สาอวพา นุกา  
Miss. Saowapa Nukacw (จ-250-ก-0002)

Laboratory Supervisor  
15/2/67

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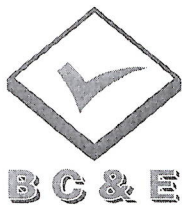
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## WATER ANALYSIS REPORT

Page 3/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	March 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	March 5, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	March 5-13,2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	March 14, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (ว-250-จ-0003 )	Report No.	PKT6703013

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.40 AM
Analysis No.	25670840

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	6.2	7.2 - 8.4

Physical Appearance Sample 25670840 : 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. ว-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 มิตตะกา  
Miss. Jantip Mittaka (ว-250-จ-0004)

Laboratory Analyst

14/3/24

Approved by :

Miss. Saowapa Nukaew (ว-250-ก-0002)

Laboratory Manager

14/3/24



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ห้องปฏิบัติการวิเคราะห์เอกชน  
เลขทะเบียน ว-250

FM-QP-13/01 Rev.01

Date announced for October 26, 2021

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



## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	April 4-11, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	April 12, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๓-0003 )	Report No.	PKT6704010

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.21 AM.
Analysis No.	25671209

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	7.2 - 8.4

Physical Appearance Sample 25671209 : 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 (๖-250-๓-0004)

Laboratory Analyst  
12 / 4 / 67

Approved by :   
Miss. Saowapa Nukacw (๖-250-๓-0002)

Laboratory Supervisor  
12 / 4 / 67



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เลขทะเบียน ๖-250

FM-QP-13/01 Rev.01

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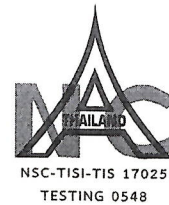
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**WATER ANALYSIS REPORT**

Page 1/6

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	May 8-15, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	May 16, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (๖-250-๖-0003 )	Report No.	PKT6705034

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.48 AM.
Analysis No.	25671671

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 25671671 : 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

16 / 5 / 67

Approved by :

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

Laboratory Supervisor

16 / 5 / 67

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	June 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	June 5, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	June 5-12,2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	June 13, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003 )	Report No.	PKT6706029

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	09.27 AM.
Analysis No.	25672016

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25°C	-	SM : 4500-H <sup>+</sup> B	6.5	7.2 - 8.4

Physical Appearance Sample 25672016 : 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

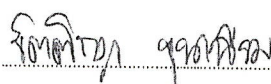
[2] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar

[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


Reported By :

  
Miss. Rattiya Khunnaim (๖-250-๖-0005)

Laboratory Analyst

13, 06, 67

Approved by :

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

Laboratory Supervisor

13, 6, 67



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FM-QP-13/01 Rev.02

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### WATER ANALYSIS REPORT

Page 4/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	January 10-17, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	January 18, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6701050

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.37 AM.
Analysis No.	25670118

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2. Residual Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500-C1 G	1.9	0.6 - 1.0
3. Combined Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	0.6	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 25670118 : 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. 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 : จันทิพย์ มิตรตะม  
Miss. Jantip Mittaka  
Laboratory Analyst  
18 / 1 / 67

Approved by :

สาอวพา นุกาเว  
Miss. Saowapa Nukaew  
Laboratory Supervisor  
18 / 1 / 67

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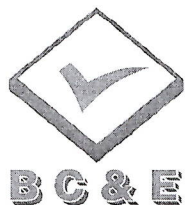
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## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	February 7, 2027
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2027
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	February 7-14, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	February 15, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6702029

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.21 AM.
Analysis No.	25670519

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	0.9	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 25670519 : 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 มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

15/2/25

Approved by :

สาอวพา นุกา

Miss. Saowapa Nukaew

Laboratory Supervisor

15/2/25

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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>	March 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	March 5, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	March 5-13,2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	March 14, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6703013

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.40 AM.
Analysis No.	25670840

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. Combine Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	0.3	0.5-1.0
4. Calcium Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	74.0	250 - 600
5. Alkalinity <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2320 B	6.0	80-100
6. Chloride <sup>[3][4]</sup>	mg/L	SM : 4500- Cl <sup>-</sup> B	508	≤ 600
7. Nitrate <sup>[3][4]</sup>	mg/L NO <sub>3</sub> -N	SM : 4500-NO3-E	23.2	50.0
8. Cyanuric Acid <sup>[3][4]</sup>	mg/L	SM : 4500 - CN-	87.0	30-60
9. Ammonia <sup>[3][4]</sup>	mg/L	SM : 4500-NH <sub>3</sub> C	2.6	20.0

Physical Appearance Sample 25670840 : 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

[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 : จันทิพนธ์ มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

14/3/17

Approved by :

Miss. Saowapa Nukaew

Laboratory Manager

14/3/17



ACCREDITED LABORATORY GLP/DIW 2550

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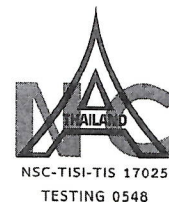
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### WATER ANALYSIS REPORT

Page 5/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	March 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	March 5, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	March 5-13,2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	March 14, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6703013

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.40 AM.
Analysis No.	25670840

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 25670840 : Clear, colorless liquid, no sediment	Container Normal : PE 1000 mL,G 1000 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] : Suggestion by Public health committee no.1/2007 type control trading swimming pool or business others in similar</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> <p>[6] : &lt; 1.8 = undetected by means of the Laboratory.</p>	

Reported By : จันทิพย์ มิตราน  
Miss. Jantip Mittaka  
Laboratory Analyst  
14/3/67

Approved by : สาอวป นุกาเว  
Miss. Saowapa Nukaew  
Laboratory Manager  
14/3/67

ACCREDITED LABORATORY GLP/DIW 2550



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



### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	April 4-11, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	April 12, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6704010

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.21 AM.
Analysis No.	25671209

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	3.0	0.6 - 1.0
3. Combined Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	1.3	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 25671209 : 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 :

จันทิภา มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

12 / 4 / 67

Approved by :

สาอวพา นุกาอว

Miss. Saowapa Nukaew

Laboratory Supervisor

12 / 4 / 67

ACCREDITED LABORATORY GLP/DIW 2550



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### WATER ANALYSIS REPORT

Page 2/6

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	May 8-15, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	May 16, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat	Report No.	PKT6705034

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	10.48 AM.
Analysis No.	25671671

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	2.3	0.6 - 1.0
3. Combined Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	0.8	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 25671671 : 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. 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 : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

16 / 5 / 67

Approved by :

สาอวพา นุกาเว

Miss. Saowapa Nukaew

Laboratory Supervisor

16 / 5 / 67

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	June 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	June 5, 2024
Sampling Source <sup>[5]</sup>	Main Pool	Analyzed Date	June 5-12,2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	June 13, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6706029

Sampling Name <sup>[5]</sup>	Swimming Pool
Sampling Time <sup>[5]</sup>	09.27 AM.
Analysis No.	25672016

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	0.4	0.6 - 1.0
3. Combined Chlorine <sup>[3][4]</sup>	mg/L	SM : 4500	0.1	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 25672016 : 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. 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. Rattiyai Khunnaim  
Laboratory Analyst  
13.06.24

Approved by :   
Miss. Saowapa Nukaew  
Laboratory Supervisor  
13.6.24

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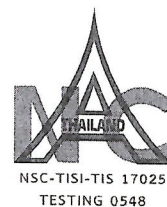




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## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	January 10-17, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	January 18, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003 )	Report No.	PKT6701050

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.51 AM.
Analysis No.	25670117

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	7.0	6.5-8.5
2. Total Dissolve Solids	mg/L	SM : 2540 C	Not Detected	-

Physical Appearance Sample 25670117 : 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 มิตราก

Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst

18/1/67

Approved by :

สาอวพา นุกาอ

Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Manager

18/1/67

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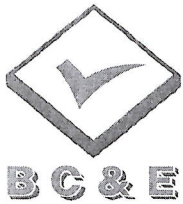
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เลขทะเบียน ๖-250

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>	February 7, 2027
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2027
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	February 7-14, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	February 15, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (จ-250-จ-0003 )	Report No.	PKT6702029

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.27 AM.
Analysis No.	25670518

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	5.4	6.5-8.5
2. Total Dissolve Solids	mg/L	SM : 2540 C	5.2	≤ 500

Physical Appearance      Sample 25670518 : 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] : Ministry of Industry No. 3470 (BE 2549) Re: Standard for Water Consumption Industrial Products (TIS. 247-2549) dated July 6, 2006.

[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 : จันทิพย์ มิตตะกะ  
Miss. Jantip Mittaka (จ-250-จ-0004)

Laboratory Analyst  
๒๒ / ๒ / ๒๕

Approved by :

๒๒๐๓ ๒๒๐๔  
Miss. Saowapa Nukaew (จ-250-ก-0002)

Laboratory Manager  
๒๒ / ๒ / ๒๕



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เลขทะเบียน จ-250

FM-QP-13/01 Rev.01

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### WATER ANALYSIS REPORT

Page 1/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	March 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road, Cherngtalay, Thalang, Phuket	Receiving Date	March 5, 2024
Sampling Source <sup>[5]</sup>	RO drinking water faucet	Analyzed Date	March 5-13, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	March 14, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003 )	Report No.	PKT6703013

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.43 AM
Analysis No.	25670839

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	6.5-8-5
2. Total Dissolve Solids	mg/L	SM : 2540 C	Not Detected	≤ 500

Physical Appearance Sample 25670839 : Clear, clear yellow 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] : Ministry of Industry No. 3470 (BE 2549) Re: Standard for Water Consumption Industrial Products (TIS. 247-2549) dated July 6, 2006.

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

Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst

14 / 3 / 67

Approved by :

สาอวพา นุกาอว

Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Manager

14 / 3 / 67



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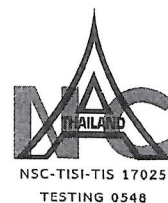




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## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	April 4-11, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	April 12, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003 )	Report No.	PKT6704010

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.18 AM.
Analysis No.	25671208

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	6.5-8.5
2. Total Dissolve Solids	mg/L	SM : 2540 C	2.0	-

Physical Appearance Sample 25671208 : 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

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

Reported By :

จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst

12 / 4 / ๖๗

Approved by :

สาอวพา นุกาอว

Miss. Saowapa Nukaew (๖-250-๖-0002)

Laboratory Manager

12 / 4 / ๖๗



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### WATER ANALYSIS REPORT

Page 3/6

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road, Cherngtalay, Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	May 8-15, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	May 16, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (จ-250-จ-0003 )	Report No.	PKT6705034

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.46 AM.
Analysis No.	25671672

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	7.1	6.5-8.5
2. Total Dissolve Solids	mg/L	SM : 2540 C	3.7	-

Physical Appearance Sample 25671672 : 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 : จันทิพย์ มิตตะกา

Miss. Jantip Mittaka (จ-250-จ-0004)

Laboratory Analyst

16 / 5 / 67

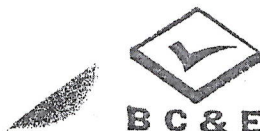
Approved by :

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

Laboratory Manager

16 / 5 / 67

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เลขทะเบียน จ-250

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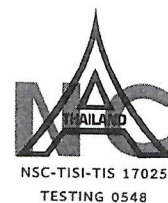
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### WATER ANALYSIS REPORT

Page 5/8

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	June 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	June 5, 2024
Sampling Source <sup>[5]</sup>	Drinking Water ( Kindee )	Analyzed Date	June 5-12,2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	June 13, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003 )	Report No.	PKT6706029

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	09.34 AM.
Analysis No.	25672015

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 25 °C	-	SM : 4500-H <sup>+</sup> B	5.8	6.5-8.5
2. Total Dissolved Solids <sup>[4]</sup>	mg/L	SM : 2540 C	16.0	-

Physical Appearance Sample 25672015 : 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

Reported By :

รติญา ขุนนัย  
Miss. Rattiya Khunnaim (๖-250-๖-0005)

Approved by :

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

Laboratory Analyst  
13/06/๖7

Laboratory Manager  
13/6/๖7



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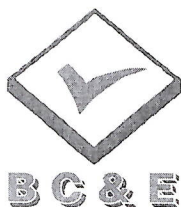
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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	January 10-17, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	January 18, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6701050

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.51 AM.
Analysis No.	25670117

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	4.9	-
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 25670117 : 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. 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  
18/1/24

Approved by :   
Miss. Saowapa Nukaew  
Laboratory Supervisor  
18/1/24

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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>	February 7, 2027
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2027
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	February 7-14, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	February 15, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6702029

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.27 AM.
Analysis No.	25670518

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	≤ 4.0
4. Total Hardness <sup>[3][4]</sup>	mg/L as CaCO <sub>3</sub>	SM : 2340 C	52.0	≤ 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 25670518 : 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] : Ministry of Industry No. 3470 (BE 2549) Re: Standard for Water Consumption Industrial Products (TIS. 247-2549) dated July 6, 2006.  
[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 :

จันทิพย์ มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

15/2/27

Approved by :

สาอวพา นุกาอู

Miss. Saowapa Nukaew

Laboratory Supervisor

15/2/27

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### WATER ANALYSIS REPORT

Page 2/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	March 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	March 5, 2024
Sampling Source <sup>[5]</sup>	RO drinking water faucet	Analyzed Date	March 5-13,2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	March 14, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6703013

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.43 AM
Analysis No.	25670839

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	≤ 4.0
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	4.3	-
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 25670839 : 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] : Ministry of Industry No. 3470 (BE 2549) Re: Standard for Water Consumption Industrial Products (TIS. 247-2549) dated July 6, 2006.  
[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

14/3/24

Approved by :

Miss. Saowapa Nukaew

Laboratory Manager

14/3/24

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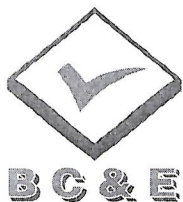
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## WATER ANALYSIS REPORT

Page 2/4

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	April 4-11, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	April 12, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6704010

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.18 AM.
Analysis No.	25671208

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	4.5	-
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 25671208 : 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. 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 : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

12 / 4 / 67

Approved by :

Soowapa Nukaew

Miss. Saowapa Nukaew

Laboratory Supervisor

12 / 4 / 67

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## WATER ANALYSIS REPORT

Page 4/6

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	May 8-15, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	May 16, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6705034

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.46 AM.
Analysis No.	25671672

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	4.0	≤ 100
5. Conductivity <sup>[3][4]</sup>	μmhos/cm	SM : 2510	5.7	-
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 25671672 : 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 : จันทิพย์ มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

16 / 5 / 67

Approved by :

สาอวป นุกาแวง

Miss. Saowapa Nukaew

Laboratory Supervisor

16 / 5 / 67

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	June 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	June 5, 2024
Sampling Source <sup>[5]</sup>	Drinking Water ( Kinndee )	Analyzed Date	June 5-12,2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	June 13, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6706029

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	09.34 AM.
Analysis No.	25672015

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	100.0	≤ 100
5. Conductivity <sup>[3][4]</sup>	μmhos/cm	SM : 2510	30.9	-
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 25672015 : 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

Reported By :

Miss. Rattiya Khunnaim

Laboratory Analyst

13.06.67

Approved by :

Miss. Saowapa Nukaew

Laboratory Supervisor

13.6.67



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## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source	Drinking Water (Kinndee Kiteken)	Analyzed Date	January 10, 2024
Sampling Method	Grab Sample	Report Date	January 26, 2024
Sampling By	Miss. Yonlatda Thancrat	Report No.	PKT67/01/L003

Sampling Name	Drinking Water
Sampling Time	10.51 AM
Analysis No.	L01007

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 มิตตะกะ

Miss. Jantip Mittaka

Laboratory Analyst

26/1/67

Approved By :

Miss. Saowapa Nukacw

Laboratory Supervisor

26/1/67

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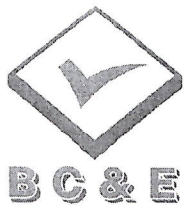


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## WATER ANALYSIS REPORT

Page 4/6

Customer/Code <sup>[5]</sup>	6L-025 Laguna Phuket Club - SAii Laguna Phuket	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address <sup>[5]</sup>	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Drinking Water (Kinndee Kitchen)	Analyzed Date	April 4, 2024
Sampling Method <sup>[3]</sup>	Grab Sampling	Report Date	April 24, 2024
Sampling By	Miss Yonlatda Thaneerat	Report No.	PKT67/04/L001

Sampling Name <sup>[5]</sup>	Drinking Water
Sampling Time <sup>[5]</sup>	10.18 AM.
Analysis No.	L6704004

Parameter	Unit	Method of Analysis <sup>[1][2][3]</sup>	Result
1. <i>Legionella</i> spp.	CFU/L	Culture (CDC, 2005)	Not Detected <sup>[4]</sup>

Physical Appearance      Sample      L6704004      : Clear, colorless liquid, no sediment      Container : Normal G 1.0 L

Remark

[1] : Pasculle, W.and McDevitt, D. Legionella culture. In Garcia, L.S. (ed.) Clinical Microbiology Procedures Handbook, Third edition and 2007 update. ASM Press. Washington DC. 2010.3.11.4.1-13.6.14

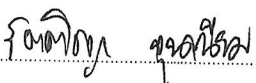
[2] : DournonE, Isolation Of Legionella from Clinical specimens,. In Harrision TG and AG Taylor (ed.) A Laboratory Manual for Legionella. John Wiley and Sons Ltd., London. 1988 : 13-30.

[3] : Centers for Diseases Control and Prevention. 2005. Procedures for the Recovery of Legionella from the Environment. Centers for Diseases Control and Prevention, U.S. Department of Health and Human Services, Atlanta.

[4] : Analysis of subcontracting

[5] : Information received from customers

Reported By :

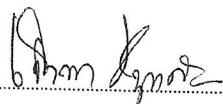


Miss.Rattiya Khunnaim

Laboratory Analyst

24, 04, 67

Aproved By :



Miss. Saowapa Nukaew

Laboratory Manager

24, 4, 67



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**WATER ANALYSIS REPORT**

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source	Storage Tank	Analyzed Date	January 10, 2024
Sampling Method	Grab Sample	Report Date	January 26, 2024
Sampling By	Miss. Yonlatda Thancrat	Report No.	PKT67/01/L003

Sampling Name	Water Supply
Sampling Time	10.57 AM
Analysis No.	L01005

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

26 / 1 / 67Approved By : สาอวป นุกาฉ

Miss. Saowapa Nukacw

Laboratory Supervisor

26 / 1 / 67

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## WATER ANALYSIS REPORT

Page 2/6

Customer/Code <sup>[5]</sup>	6L-025 Laguna Phuket Club - SAii Laguna Phuket	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address <sup>[5]</sup>	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Storage Tank	Analyzed Date	April 4, 2024
Sampling Method <sup>[3]</sup>	Grab Sampling	Report Date	April 24, 2024
Sampling By	Miss Yonlatda Thaneerat	Report No.	PKT67/04/L001

Sampling Name <sup>[5]</sup>	Tap Water
Sampling Time <sup>[5]</sup>	10.32 AM.
Analysis No.	L6704002

Parameter	Unit	Method of Analysis <sup>[1][2][3]</sup>	Result
1. <i>Legionella spp.</i>	CFU/L	Culture (CDC, 2005)	Not Detected <sup>[4]</sup>

Physical Appearance Sample L6704002 : Clear, colorless liquid, no sediment Container : Normal G 1.0 L

Remark

[1] : Pasculle, W.and McDevitt, D. Legionella culture. In Garcia, L.S. (ed.) Clinical Microbiology Procedures Handbook, Third edition and 2007 update. ASM Press. Washington DC. 2010.3.11.4.1-13.6.14

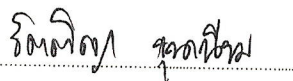
[2] : DournonE, Isolation Of Legionella from Clinical specimens,. In Harrision TG and AG Taylor (ed.) A Laboratory Manual for Legionella. John Wiley and Sons Ltd., London. 1988 : 13-30.

[3] : Centers for Diseases Control and Prevention. 2005. Procedures for the Recovery of Legionella from the Environment. Centers for Diseases Control and Prevention, U.S. Department of Health and Human Services, Atlanta.

[4] : Analysis of subcontracting

[5] : Information received from customers

Reported By :



Miss.Rattiya Khunnaim

Laboratory Analyst

24, 04, 67

Approved By :



Miss. Saowapa Nukaew

Laboratory Manager

24, 4, 67



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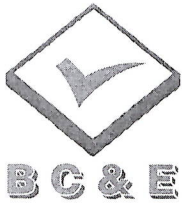
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## WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source	Guest Room No. 218	Analyzed Date	January 10, 2024
Sampling Method	Grab Sample	Report Date	January 26, 2024
Sampling By	Miss. Yonlatda Thancerat	Report No.	PKT67/01/L003

Sampling Name	Water Supply
Sampling Time	10.45 AM
Analysis No.	L01006

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 : จันทิภา มิตตะทา

Miss. Jantip Mittaka

Laboratory Analyst

26/1/24

Approved By :

สาอวพา นุกาอว

Miss. Saowapa Nukaew

Laboratory Supervisor

26/1/24

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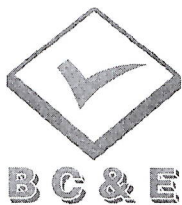
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## WATER ANALYSIS REPORT

Page 3/6

Customer/Code <sup>[5]</sup>	6L-025 Laguna Phuket Club - SAI Laguna Phuket	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address <sup>[5]</sup>	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Guest Room No. 170	Analyzed Date	April 4, 2024
Sampling Method <sup>[3]</sup>	Grab Sampling	Report Date	April 24, 2024
Sampling By	Miss Yonlatda Thaneerat	Report No.	PKT67/04/L001

Sampling Name <sup>[5]</sup>	Tap Water
Sampling Time <sup>[5]</sup>	10.27 AM.
Analysis No.	L6704003

Parameter	Unit	Method of Analysis <sup>[1][2][3]</sup>	Result
1. <i>Legionella</i> spp.	CFU/L	Culture (CDC, 2005)	Not Detected <sup>[4]</sup>


Physical Appearance Sample L6704003 : Clear, colorless liquid, no sediment Container : Normal G 1.0 L

Remark [1] : Pasculle, W.and McDevitt, D. Legionella culture. In Garcia, L.S. (ed.) Clinical Microbiology Procedures Handbook, Third edition and 2007 update. ASM Press. Washington DC. 2010.3.11.4.1-13.6.14  
[2] : DournonE, Isolation Of Legionella from Clinical specimens,. In Harrision TG and AG Taylor (ed.) A Laboratory Manual for Legionella. John Wiley and Sons Ltd., London. 1988 : 13-30.  
[3] : Centers for Diseases Control and Prevention. 2005. Procedures for the Recovery of Legionella from the Environment. Centers for Diseases Control and Prevention, U.S. Department of Health and Human Services, Atlanta.  
[4] : Analysis of subcontracting  
[5] : Information received from customers

Reported By :   
Miss.Rattiya Khunnaim

Laboratory Analyst

24, 04, 67

Aproved By :   
Miss. Saowapa Nukaew

Laboratory Manager

24, 4, 67



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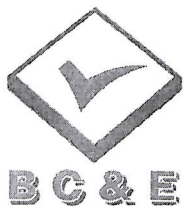
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## WATER ANALYSIS REPORT

Page 1/6

Customer/Code <sup>[5]</sup>	6L-025 Laguna Phuket Club - SAii Laguna Phuket	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address <sup>[5]</sup>	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Cooling Tower No.02	Analyzed Date	April 4, 2024
Sampling Method <sup>[3]</sup>	Grab Sampling	Report Date	April 24, 2024
Sampling By	Miss Yonlatda Thaneerat	Report No.	PKT67/04/L001

Sampling Name <sup>[5]</sup>	Cooling Tower
Sampling Time <sup>[5]</sup>	10.37 AM.
Analysis No.	L6704001

Parameter	Unit	Method of Analysis <sup>[1][2][3]</sup>	Result
1. <i>Legionella</i> spp.	CFU/L	Culture (CDC, 2005)	Not Detected <sup>[4]</sup>

Physical Appearance Sample L6704001 : Clear, colorless liquid, no sediment Container : Normal G 1.0 L

Remark

[1] : Pasculle, W.and McDevitt, D. Legionella culture. In Garcia, L.S. (ed.) Clinical Microbiology Procedures Handbook, Third edition and 2007 update. ASM Press. Washington DC. 2010.3.11.4.1-13.6.14

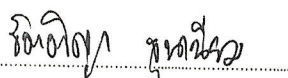
[2] : DournonE, Isolation Of Legionella from Clinical specimens,. In Harrision TG and AG Taylor (ed.) A Laboratory Manual for Legionella. John Wiley and Sons Ltd., London. 1988 : 13-30.

[3] : Centers for Diseases Control and Prevention. 2005. Procedures for the Recovery of Legionella from the Environment. Centers for Diseases Control and Prevention, U.S. Department of Health and Human Services, Atlanta.

[4] : Analysis of subcontracting

[5] : Information received from customers

Reported By :

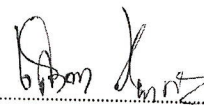


Miss.Rattiya Khunnaim

Laboratory Analyst

24, 04, 67

Aproved By :



Miss. Saowapa Nukaew

Laboratory Manager

24, 4, 67



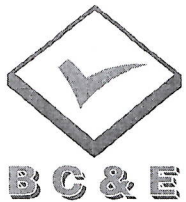
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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[5]</sup>	Chill Water System (Pump room No.1)	Analyzed Date	May 8-15, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	May 16, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (๖-250-๖-0003 )	Report No.	PKT6705034

Sampling Name <sup>[5]</sup>	Chill Water System
Sampling Time <sup>[5]</sup>	10.57 AM
Analysis No.	25671673

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	7.6	7.5-9.0

Physical Appearance Sample 25671673 : 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 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 : จันทิพ มิตตะ  
Miss. Jantip Mittaka (๖-250-๖-0004)  
Laboratory Analyst  
๑๖ / ๕ / ๖๖

Approved by : สาอวพา นุกาew  
Miss. Saowapa Nukaew (๖-250-๖-0002)  
Laboratory Manager  
๑๖ / ๕ / ๖๖

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Date announced for January 02, 2024

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### WATER ANALYSIS REPORT

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Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[5]</sup>	Chill Water System (Pump room No.1)	Analyzed Date	May 8-15, 2024
Sampling Method <sup>[5]</sup>	Grab Sampling	Report Date	May 16, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6705034

Sampling Name <sup>[5]</sup>	Chill Water System
Sampling Time <sup>[5]</sup>	10.57 AM
Analysis No.	25671673

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	80.0	-
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> E	1.0	-

Physical Appearance Sample 25671673 : 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 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

16 / 5 / 67

Approved by :

Miss. Saowapa Nukaew

Laboratory Manager

16 / 5 / 67

ACCREDITED LABORATORY GLP/DIW 2550



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FM-QP-13/01 Rev.02

Date announced for January 02, 2024

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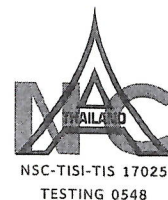
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Tel. (076) 391 320-2 Fax. (076) 391 222



## WATER ANALYSIS REPORT

Page 4/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[5]</sup>	Andaman Sea Beach Saii Laguna Phuket	Analyzed Date	January 10-17, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	January 18, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat (จ-250-ท-0003)	Report No.	PKT6701050

Sampling Name <sup>[5]</sup>	Sea Water
Sampling Time <sup>[5]</sup>	10.32 AM
Analysis No.	25670119

Parameter	Unit	Method of Analysis <sup>[11]</sup>	Result	Standard <sup>[12]</sup>
1. pH at 26.0°C	mg/L	SM : 4500-H <sup>+</sup> B	8.1	7.0-8.5
2. Total Suspended Solids	mg/L	SM : 2540 D	20.8	-

Physical Appearance	Sample 25670119 : 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. 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 มิตตะ

Miss. Jantip Mittaka (จ-250-ท-0004)

Laboratory Analyst

18/1/24

Approved By :

Miss. Saowapa Nukaew (จ-250-ท-0002)

Laboratory Supervisor

18/1/24

ACCREDITED LABORATORY GLP/DIW 2550



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เลขทะเบียน จ-250

FM-QP-13/01 Rev.01

Date announced for October 26, 2021

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# BEST CHOICE

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### WATER ANALYSIS REPORT

Page 5/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[5]</sup>	Andaman Sea Beach Saii Laguna Phuket	Analyzed Date	January 10-17, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	January 18, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6701050

Sampling Name <sup>[5]</sup>	Sea Water
Sampling Time <sup>[5]</sup>	10.32 AM
Analysis No.	25670119

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	7.2	≥ 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	1.6	≤ 200
6. Salinity <sup>[3][4]</sup>	mg/L	SM: 2520 B	31310	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	Not Detected	≤ 100

Physical Appearance	Sample 25670119 : Clear yellow liquid, no sediment	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] : 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. ๓-250</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>
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Reported By : จันทิพย์ มิตรากา

Miss. Jantip Mittaka

Laboratory Analyst

18/1/67

Aproved By :



Miss. Saowapa Nukaew

Laboratory Supervisor

18/1/67

ACCREDITED LABORATORY GLP/DIW 2550

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ห้องปฏิบัติการวิเคราะห์เอกชน

FM-QP-13/01 Rev.01

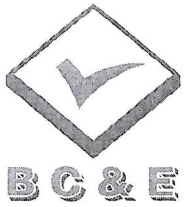
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Tel. (076) 391 320-2 Fax. (076) 391 222



### WATER ANALYSIS REPORT

Page 4/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	February 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2024
Sampling Source <sup>[5]</sup>	Lagoon	Analyzed Date	February 7-14, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	February 15, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thancerat (๖-250-๖-0003)	Report No.	PKT6702029

Sampling Name <sup>[5]</sup>	Lake water
Sampling Time <sup>[5]</sup>	10.18 AM.
Analysis No.	25670520

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. pH at 26.0°C	mg/L	SM : 4500-H <sup>+</sup> B	8.5	5.0-9.0

Physical Appearance Sample 25670520 : Clear yellow 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 : จันทิพ มิตตะ  
Miss. Jantip Mittaka (๖-250-๖-0004)

Laboratory Analyst  
15/2/๒๕

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

Laboratory Supervisor  
15/2/๒๕



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เลขทะเบียน ๖-250

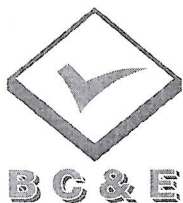
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Date announced for October 26, 2021

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### WATER ANALYSIS REPORT

Page 5/5

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	February 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2024
Sampling Source <sup>[5]</sup>	Lagoon	Analyzed Date	February 7-14, 2024
Sampling Method <sup>[5]</sup>	Grab Sample	Report Date	February 15, 2024
Sampling By <sup>[5]</sup>	Miss. Yonlatda Thaneerat	Report No.	PKT6702029

Sampling Name <sup>[5]</sup>	Lake water
Sampling Time <sup>[5]</sup>	10.18 AM.
Analysis No.	25670520

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
2.Temperature <sup>[3][4]</sup>	-	SM : 2350 B	31.5	Not higher than the natural Temperature of more than 3 °C
3. Biochemical Oxygen Demand <sup>[3]</sup>	mg/L	SM : 5210 B	3.4	≤ 1.5
4. Dissolved Oxygen (DO) <sup>[3][4]</sup>	mg/L	SM : 4500-OG	6.2	≥ 6.0
5. Nitrate nitrogen <sup>[3][4]</sup>	mg/L	SM: 4500-NO <sub>3</sub> E	Not Detected	≤ 5.0
6. Ammonia <sup>[3][4]</sup>	mg/L	SM : 4500-NH <sub>3</sub> C	1.4	≤ 0.5
7. Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 B	> 1600	≤ 5000
8. Fecal Coliform Bacteria <sup>[3][4]</sup>	MPN/100 mL	SM: 9221 E	< 1.8 <sup>[6]</sup>	≤ 1000

Physical Appearance Sample 25670520 : Clear yellow 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. 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 : จันทิพ มิตตะ

Miss. Jantip Mittaka

Laboratory Analyst

15 / 2 / 67

Aproved By :

Miss. Saowapa Nukaew

Laboratory Supervisor

15 / 2 / 67



ACCREDITED LABORATORY GLP/DIW 2550

FM-QP-13/01 Rev.01

Date announced for October 26, 2021

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## WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	January 10-22,2024
Sampling Method <sup>[3]</sup>	Grab	Report Date	January 23, 2024
Sampling By <sup>[3]</sup>	Miss Yonlatda Thaneerat	Report No.	PKT6701050

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	11.08 AM.	10.59 AM
Analysis No.	25670114	25670115

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	52.0	32.0	≤ 120

Physical Appearance	Sample 25670114 : Cloudy white liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L
	Sample 25670115 : 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 มิตรตะม

Miss.Jantip Mittaka

Laboratory Analyst

23/1/67

Aproved By :

Miss. Saowapa Nukaew

Miss. Saowapa Nukaew

Laboratory Manager

23/1/67



ACCREDITED LABORATORY GLP/DIW 2550

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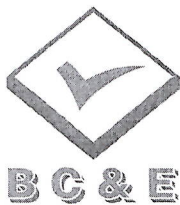
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Date announced for October 26, 2021

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### WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	February 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	February 7, 2027
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	February 7-19,2024
Sampling Method <sup>[3]</sup>	Grab	Report Date	February 20, 2024
Sampling By <sup>[3]</sup>	Miss Yonlatda Thaneerat	Report No.	PKT6702029

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	10.28 AM.	10.38 AM
Analysis No.	25670514	25670515

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	64.0	30.0	≤ 120

Physical Appearance	Sample 25670514 : Cloudy white liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L
	Sample 25670515 : 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 มิตตะกา

Miss.Jantip Mittaka

Laboratory Analyst

20/2/27

Approved By : สาอวพา นุกาอว

Miss. Saowapa Nukaew

Laboratory Manager

20/2/27



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Date announced for October 26, 2021

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## WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	March 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	March 5, 2024
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	March 5-13,2024
Sampling Method <sup>[3]</sup>	Grab	Report Date	March 14, 2024
Sampling By <sup>[3]</sup>	Miss Yonlatda Thaneerat	Report No.	PKT6703013

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	11.00 AM.	10.46 AM
Analysis No.	25670836	25670837

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	416	56.0	≤ 120

Physical Appearance	Sample 25670836 : Cloudy yellow liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L
	Sample 25670837 : 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

14/3/24

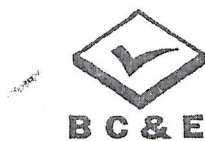
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สาอวป นุกา

Miss. Saowapa Nukaew

Laboratory Manager

14/3/24



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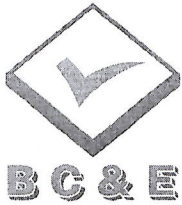
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### WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	April 3, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	April 4-11, 2024
Sampling Method <sup>[3]</sup>	Grab	Report Date	April 12, 2024
Sampling By <sup>[3]</sup>	Miss Yonlatda Thancerat	Report No.	PKT6704010

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	10.25 AM.	10.14 AM
Analysis No.	25671205	25671206

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	371	102	≤ 120

Physical Appearance	Sample 25671205 : Cloudy white liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L
	Sample 25671206 : 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  
12 / 4 / 67

Approved By :   
Miss. Saowapa Nukaew  
Laboratory Manager  
12 / 4 / 67



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ห้องปฏิบัติการวิเคราะห์เอกชน

FM-QP-13/01 Rev.01

Date announced for October 26, 2021

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72/12 Moo 6, Sakdidat RD., Tambol Vichit, Aumthur Muangphuket, Phuket 83000

E-mail : bestchoice@outlook.co.th www.bestchoice.co.th

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

## WATER ANALYSIS REPORT

Page 1/1

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[3]</sup>	May 7, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	May 8, 2024
Sampling Source <sup>[3]</sup>	Wastewater Treatment Systems	Analyzed Date	May 8-15,2024
Sampling Method <sup>[3]</sup>	Grab	Report Date	May 16, 2024
Sampling By <sup>[3]</sup>	Miss Yonlatda Thaneerat	Report No.	PKT6705034

Sampling Name <sup>[3]</sup>	Influent	Effluent
Sampling Time <sup>[3]</sup>	10.53 AM.	10.46 AM
Analysis No.	25671674	25671669

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	357	43.0	≤ 120

Physical Appearance	Sample 25671674 : Cloudy yellow liquid, no sediment	Container : Normal PE 1.0 L,PE 2.0 L,G 0.5 L
	Sample 25671669 : 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] : 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

16 / 5 / 67

Aproved By :

สาอวพา นุกาอว

Miss. Saowapa Nukaew

Laboratory Manager

16 / 5 / 67



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ห้องปฏิบัติการวิเคราะห์เอกชน

FM-QP-13/01 Rev.02

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



## WATER ANALYSIS REPORT

Page 1/8

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date <sup>[5]</sup>	June 5, 2024
Customer Address	323 Moo 2, Si Sunthon Road, Chemgtalay, Thalang, Phuket	Receiving Date	June 5, 2024
Sampling Source <sup>[4]</sup>	Wastewater Treatment Systems	Analyzed Date	June 5-12, 2024
Sampling Method <sup>[4]</sup>	Grab Sample	Report Date	June 13, 2024
Sampling By <sup>[4]</sup>	Miss. Yonlatda Thanecrat	Report No.	PKT6706029

Sampling Name <sup>[4]</sup>	Influent
Sampling Time <sup>[4]</sup>	09.59 AM
Analysis No.	25672012

Parameter	Unit	Method of Analysis <sup>[1]</sup>	Result	Standard <sup>[2]</sup>
1. Chemical Oxygen Demand <sup>[3][4]</sup>	mg/L	SM : 5220 C	88.0 <sup>[6]</sup>	≤ 120

Physical Appearance Sample 25672012 : Cloudy, white liquid, no sediment Container : Normal G 0.5 L

REMARK

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

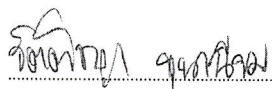
[2] : According to the announcement of the Ministry of Industry on setting standards for controlling the discharge of factory wastewater, B.E. 2560, Volume 134, Special Section 153 Ngor.

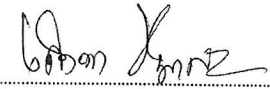
[3] : Outside the scope of certification for registration of private analytical laboratories No. 3-250

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

[5] : Information received from customers

[6] : Analysis of subcontracting

Reported By :   
Miss. Rattiya Khunnaim  
Laboratory Analyst  
13.06.24

Approved By :   
Miss. Saowapa Nukaew (3-250-0002)  
Laboratory Supervisor  
B, C, E

ACCREDITED LABORATORY GLP/DIW 2550



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ห้องปฏิบัติการวิเคราะห์เอกชน

FM-QP-13/01 Rev.02

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

Date announced for January 02, 2024

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# BEST CHOICE

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E-mail : bestchoice@outlook.co.th www.bestchoice.co.th  
Tel. (076) 391 320-2 Fax. (076) 391 222

### WATER ANALYSIS REPORT

Page 5/6

Customer/Code	Laguna Phuket Club /6L-025	Sampling Date	January 9, 2024
Customer Address	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	January 10, 2024
Sampling Source	Ice Machine	Analyzed Date	January 10, 2024
Sampling Method	Grab Sample	Report Date	January 26, 2024
Sampling By	Miss. Yonlatda Thaneerat	Report No.	PKT67/01/L003

Sampling Name	Ice Melt
Sampling Time	10.49 AM
Analysis No.	L01008

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

Miss. Jantip Mittaka

Laboratory Analyst

26/1/67

Aproved By :

Miss. Saowapa Nukacw

Laboratory Supervisor

26/1/67



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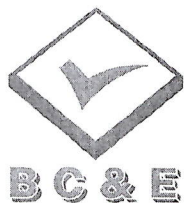
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## WATER ANALYSIS REPORT

Page 5/6

Customer/Code <sup>[5]</sup>	6L-025 Laguna Phuket Club - SAii Laguna Phuket	Sampling Date <sup>[5]</sup>	April 3, 2024
Customer Address <sup>[5]</sup>	323 Moo 2, Si Sunthon Road,Cherngtalay,Thalang, Phuket	Receiving Date	April 4, 2024
Sampling Source <sup>[5]</sup>	Ice Machine	Analyzed Date	April 4, 2024
Sampling Method <sup>[3]</sup>	Grab Sampling	Report Date	April 24, 2024
Sampling By	Miss Yonlatda Thaneerat	Report No.	PKT67/04/L001

Sampling Name <sup>[5]</sup>	Ice Melt
Sampling Time <sup>[5]</sup>	10.15 AM.
Analysis No.	L6704005

Parameter	Unit	Method of Analysis <sup>[1][2][3]</sup>	Result
1. <i>Legionella</i> spp.	CFU/L	Culture (CDC, 2005)	Not Detected <sup>[4]</sup>

Physical Appearance Sample L6704005 : Clear, colorless liquid, no sediment Container : Normal G 1.0 L

Remark

[1] : Pasculle, W.and McDevitt, D. Legionella culture. In Garcia, L.S. (ed.) Clinical Microbiology Procedures Handbook, Third edition and 2007 update. ASM Press. Washington DC. 2010.3.11.4.1-13.6.14

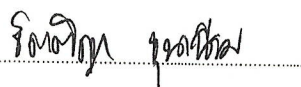
[2] : DournonE, Isolation Of Legionella from Clinical specimens,. In Harrision TG and AG Taylor (ed.) A Laboratory Manual for Legionella. John Wiley and Sons Ltd., London. 1988 : 13-30.

[3] : Centers for Diseases Control and Prevention. 2005. Procedures for the Recovery of Legionella from the Environment. Centers for Diseases Control and Prevention, U.S. Department of Health and Human Services, Atlanta.

[4] : Analysis of subcontracting

[5] : Information received from customers

Reported By :



Miss.Rattiya Khunnaim

Laboratory Analyst

24, 04, 67

Aproved By :



Miss. Saowapa Nukaew

Laboratory Manager

24, 4, 67



BC&E

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PATTAYA Tel. (038) 730 434, 426 880 HUAHIN Tel. (032) 530 575, 515 173 SAMUI Tel. (077) 419 079-80 PHANGNGA Tel. (076) 486 400

## 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 : 10-Jan-2024

### Chiller Status

Chiller Operate (No.) : 1 Approach temp(F) : 1.5 Load (%) : 81

### Water Meter

Make Up : 14,634 Blow Down : 2,625  
(Q./Day) : 32.57 (Q./Day) : 4.21 % Blowdown : 12.9%

### 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	6.15	6.0 - 8.0	7.5	7.5 - 8.5
Conductivity [ $\mu$ S/cm]	124	< 400	1,318	< 3,500
Total Iron [ppm]			0.39	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

ค่า pH ของ cooling water กลับมาในค่าปกติหลังจากที่ทาง Nalco ได้ปรับลดเคมีความเป็นกรดลง

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	60/50%	normal	6
	Microbial inhibitor	100/100%	normal	6

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 : K.Chainarong Sombutaksorn  
CC : K.Jesada Klaysuwan  
CC (Nalco) : Chanatip Parnrungsri,Thipat Chucharttong, Kowit Sungkomol

Date : **14-Feb-2024**

### Chiller Status

Chiller Operate (No.) : 3 Approach temp(F) : ☒ **1.8** Load (%) : 86.4

### Water Meter

Make Up : 18,597 Blow Down : 2,767  
(Q /Day) : 113.23 (Q /Day) : 4.06 % Blowdown : 3.6%

### Water Analysis

Water Sample	Makeup Water	Control Limit	Cooling Water	Control Limit
Trasar2 [ppm]			<input checked="" type="checkbox"/> 55	50 - 70
Free Chlorine [ppm as Cl <sub>2</sub> ]			<input checked="" type="checkbox"/> 0.21	0.1 - 0.5
pH	<input checked="" type="checkbox"/> 6.74	6.0 - 8.0	<input checked="" type="checkbox"/> 7.76	7.5 - 8.5
Conductivity [ $\mu$ S/cm]	<input checked="" type="checkbox"/> 89.1	< 400	<input checked="" type="checkbox"/> 906	< 3,500
Total Iron [ppm]			<input checked="" type="checkbox"/> 0.56	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	50/50%	normal	12
	Microbial inhibitor	60/75%	normal	32

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



## PERSONAL SERVICE REPORT



Customer : Saii Laguna Phuket

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

Tel. : 032-538999

Fax :

To : K.Chainarong Sombutaksorn

CC : K.Jesada Klaysuwan

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

Date : 11-Mar-2024

### Chiller Status

Chiller Operate (No.) : 1

Approach temp(F) : 1.5

Load (%) : 83

### Water Meter

Make Up : 26,929

Blow Down : 2,871

(Q /Day) : 320.46

(Q /Day) : 4.00

% Blowdown : 1.2%

### 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	7.63	6.0 - 8.0	8.3	7.5 - 8.5
Conductivity [μS/cm]	70.1	< 400	1,504	< 3,500
Total Iron [ppm]			0.53	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	60/75%	normal	12
	Microbial inhibitor	100/75%	normal	24

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 : K.Chainarong Sombutaksorn

CC : K.Jesada Klaysuwan

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

Date : **8-Apr-2024**

### Chiller Status

Chiller Operate (No.) : 1,2 Approach temp(F) : 1.3,1.9 Load (%) : 85,82

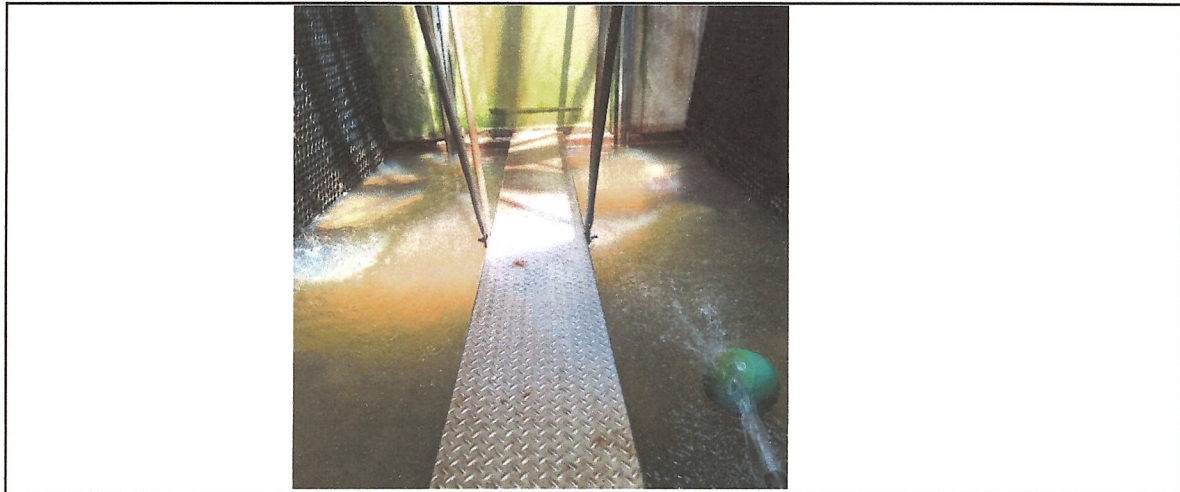
### Water Meter

Make Up : 28,149 Blow Down : 2,984  
(Q /Day) : 43.57 (Q /Day) : 4.04 % Blowdown : 9.3%

### 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> ]			0.2	0.1 - 0.5
pH	7.54	6.0 - 8.0	8.05	7.5 - 8.5
Conductivity [μS/cm]	63.4	< 400	1,724	< 3,500
Total Iron [ppm]			0.63	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visiual Inspection



### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	60/75%	normal	12
	Microbial inhibitor	100/100%	normal	15

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

## PERSONAL SERVICE REPORT



Customer : Saii Laguna Phuket

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

Tel. : 032-538999 Fax :

To : K.Chainarong Sombutaksorn

CC : K.Jesada Klaysuwan

CC (Nalco) : Thipat Chucharttong, Kowit Sungkomol

Date : 13-May-2024

### Chiller Status

Chiller Operate (No.) : 1,2 Approach temp(F) : 1.1,1.7 Load (%) : 67,59

### Water Meter

Make Up : 30,056 Blow Down : 3,155  
(Q /Day) : 54.49 (Q /Day) : 4.89 % Blowdown : 9.0%

### 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	7.65	6.0 - 8.0	7.12	7.5 - 8.5
Conductivity [μS/cm]	75.5	< 400	996	< 3,500
Total Iron [ppm]			0.1	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	100/75%	normal	9
	Microbial inhibitor	100/75%	normal	15

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



## PERSONAL SERVICE REPORT



Customer : Saii Laguna Phuket

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

Tel. : 032-538999 Fax :

To : K.Chainarong Sombutaksorn

CC : K.Jesada Klaysuwan

CC (Nalco) : Thipat Chucharttong, Kowit Sungkomol

Date : 14-Jun-2024

### Chiller Status

Chiller Operate (No.) : 1 Approach temp(F) : 1.4 Load (%) : 86

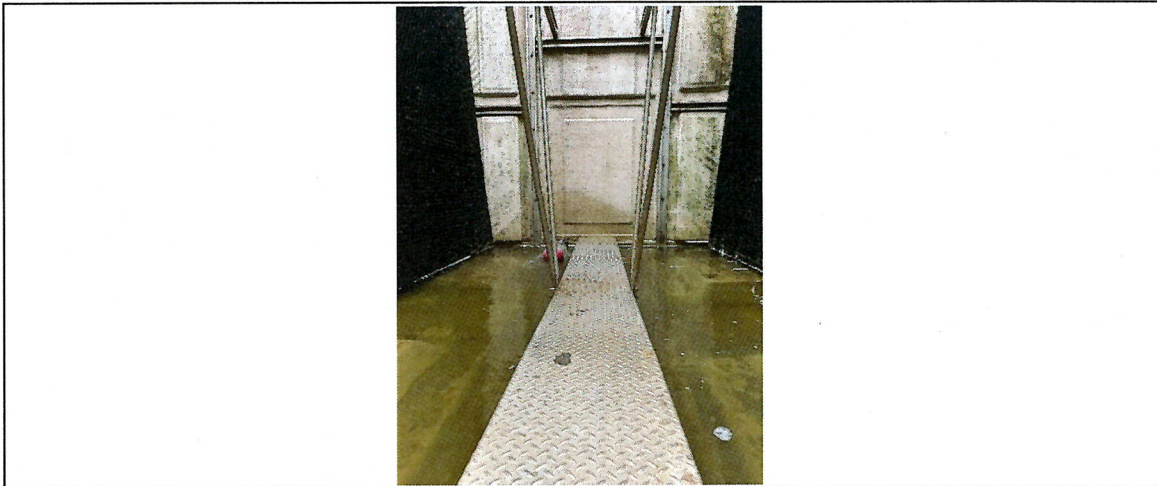
### Water Meter

Make Up : 30,571 Blow Down : 3,218  
(Q /Day) : 16.10 (Q /Day) : 1.97 % Blowdown : 12.2%

### 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> ]			0.11	0.1 - 0.5
pH	7.24	6.0 - 8.0	7.5	7.5 - 8.5
Conductivity [μS/cm]	768	< 400	1,670	< 3,500
Total Iron [ppm]			0.413	< 2
Water Color			Clear	
Bio Fouling			>1000	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	100/75%	normal	9
	Microbial inhibitor	100/75%	normal	9

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 : 10-Jan-2024

### Chiller Status

Chiller Operate (No.) : 1 Approach temp(F) : 1.5 Load (%) : 81

### Water Meter

Make Up : 14,634 Blow Down : 2,625  
(Q/Day) : 32.57 (Q/Day) : 4.21 % Blowdown : 12.9%

### 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	6.15	6.0 - 8.0	7.5	7.5 - 8.5
Conductivity [μS/cm]	124	< 400	1,318	< 3,500
Total Iron [ppm]			0.39	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

ค่า pH ของ cooling water กลับมาในค่าปกติหลังจากที่ทาง Nalco ได้ปรับลดเคมีความเป็นกรดลง

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	60/50%	normal	6
	Microbial inhibitor	100/100%	normal	6

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



## PERSONAL SERVICE REPORT



Customer : Saii Laguna Phuket  
Address : 323, Moo 2, Srisoonthorn Road, Bangtao Beach  
Cherngtalay, Talang, Phuket 83110  
Tel. : 032-538999 Fax :  
To : K.Chainarong Sombutaksorn  
CC : K.Jesada Klaysuwan  
CC (Nalco) : Chanatip Pannrungsri, Thipat Chucharttong, Kowit Sungkomol

Date : 14-Feb-2024

### Chiller Status

Chiller Operate (No.) : 3 Approach temp(F) : 1.8 Load (%) : 86.4

### Water Meter

Make Up : 18,597 Blow Down : 2,767  
(Q /Day) : 113.23 (Q /Day) : 4.06 % Blowdown : 3.6%

### 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> ]			0.21	0.1 - 0.5
pH	6.74	6.0 - 8.0	7.76	7.5 - 8.5
Conductivity [ $\mu$ S/cm]	89.1	< 400	906	< 3,500
Total Iron [ppm]			0.56	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	50/50%	normal	12
	Microbial inhibitor	60/75%	normal	32

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



## PERSONAL SERVICE REPORT



Customer : Saii Laguna Phuket

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

Tel. : 032-538999

Fax :

To : K.Chainarong Sombutaksorn

CC : K.Jesada Klaysuwan

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

Date : 11-Mar-2024

### Chiller Status

Chiller Operate (No.) : 1

Approach temp(F) : 1.5

Load (%) : 83

### Water Meter

Make Up : 26,929

Blow Down : 2,871

(Q /Day) : 320.46

(Q /Day) : 4.00

% Blowdown : 1.2%

### 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	7.63	6.0 - 8.0	8.3	7.5 - 8.5
Conductivity [ $\mu$ S/cm]	70.1	< 400	1,504	< 3,500
Total Iron [ppm]			0.53	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	60/75%	normal	12
	Microbial inhibitor	100/75%	normal	24

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

## PERSONAL SERVICE REPORT



Customer : Saii Laguna Phuket

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

Tel. : 032-538999 Fax :

To : K.Chainarong Sombutaksorn

CC : K.Jesada Klaysuwan

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

Date : **8-Apr-2024**

### Chiller Status

Chiller Operate (No.) : 1,2 Approach temp(F) : 1.3,1.9 Load (%) : 85,82

### Water Meter

Make Up : 28,149 Blow Down : 2,984  
(Q /Day) : 43.57 (Q /Day) : 4.04 % Blowdown : 9.3%

### 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> ]			0.2	0.1 - 0.5
pH	7.54	6.0 - 8.0	8.05	7.5 - 8.5
Conductivity [ $\mu$ S/cm]	63.4	< 400	1,724	< 3,500
Total Iron [ppm]			0.63	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	60/75%	normal	12
	Microbial inhibitor	100/100%	normal	15

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



## PERSONAL SERVICE REPORT



Customer : Saii Laguna Phuket  
Address : 323, Moo 2, Srisoonthorn Road, Bangtao Beach  
Cherngtalay, Talang, Phuket 83110  
Tel. : 032-538999 Fax :  
To : K.Chainarong Sombutaksorn  
CC : K.Jesada Klaysuwan  
CC (Nalco) : Thipat Chucharttong, Kowit Sungkomol

Date : 13-May-2024

### Chiller Status

Chiller Operate (No.) : 1,2 Approach temp(F) : 1.1,1.7 Load (%) : 67,59

### Water Meter

Make Up : 30,056 Blow Down : 3,155  
(Q /Day) : 54.49 (Q /Day) : 4.89 % Blowdown : 9.0%

### 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	7.65	6.0 - 8.0	7.12	7.5 - 8.5
Conductivity [ $\mu$ S/cm]	75.5	< 400	996	< 3,500
Total Iron [ppm]			0.1	< 2
Water Color			Clear	
Bio Fouling			None	
Blowdown Status			Auto	

### Visual Inspection



### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	100/75%	normal	9
	Microbial inhibitor	100/75%	normal	15

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 : K.Chainarong Sombutaksorn

CC : K.Jesada Klaysuwan

CC (Nalco) : Thipat Chucharttong, Kowit Sungkomol

Date : 14-Jun-2024

### Chiller Status

Chiller Operate (No.) : 1 Approach temp(F) : 1.4 Load (%) : 86

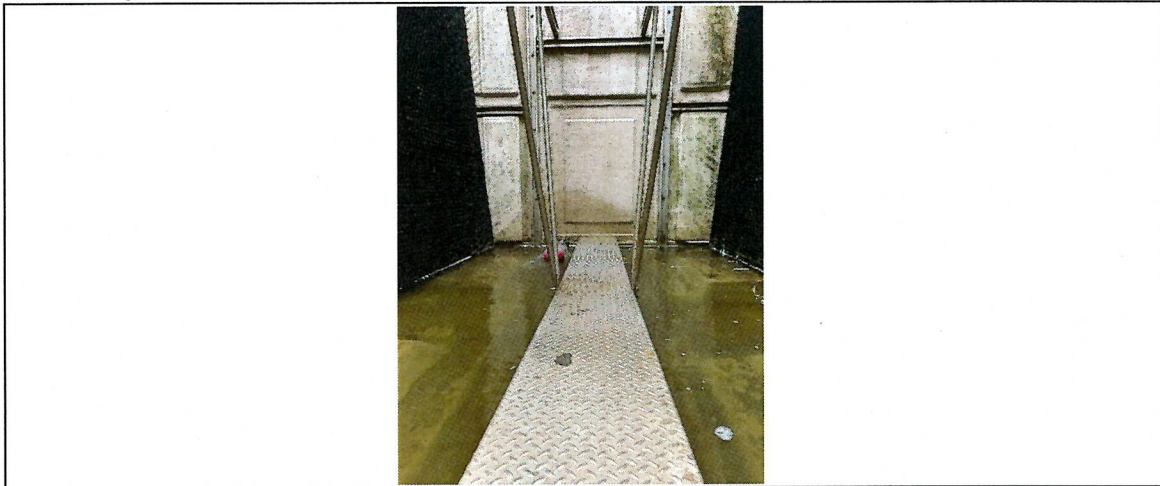
### Water Meter

Make Up : 30,571 Blow Down : 3,218  
(Q/Day) : 16.10 (Q/Day) : 1.97 % Blowdown : 12.2%

### 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> ]			0.11	0.1 - 0.5
pH	7.24	6.0 - 8.0	7.5	7.5 - 8.5
Conductivity [ $\mu$ S/cm]	768	< 400	1,670	< 3,500
Total Iron [ppm]			0.413	< 2
Water Color			Clear	
Bio Fouling			>1000	
Blowdown Status			Auto	

### Visual Inspection



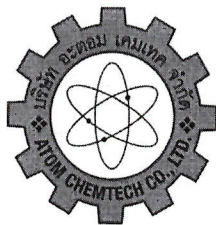
### Action and Recommendation

N/A

### Chemical System

System	Chemical	Pump Stroke/Speed	Status	Store
Cooling Water	Scale&Corrosion inhibitor	100/75%	normal	9
	Microbial inhibitor	100/75%	normal	9

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

**ATOM CHEMTECH CO., LTD.**

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

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 : JANUARY 11, 2024

REPORT NO. : ATOM 67 / 092

DATE OF RECEIVING : JANUARY 13, 2024

ATTN : CHIEF ENGINEER

DATE OF ANALYSIS : JANUARY 20, 2024

CC : PURCHASE

DATE OF REPORT : JANUARY 21, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำเสียหลังบำบัด				STANDARD
SAMPLING TIME			13.35 น.				WASTE WATER
ANALYSIS NO.			67 / 092-4				
1. PH	-	PH METER	7.60				5.0-9.0
2. BOD	mg/l.	5-day BOD Test, Azide Modification	17				≤ 20
3. Suspended Solids	mg/l.	Dried at 103-105 °C	16				≤ 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	270				≤ 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	0.4				≤ 35

**STANDARD WASTE WATER**

: ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ.2548

เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคาร บางประเภท และบางขนาด (ประเภท ก)

**PHYSICAL APPEARANCE**

: ไม่มีลักษณะใส

**WATER QUALITY**

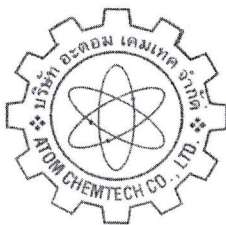
: คำนวณผ่านเกณฑ์มาตรฐาน

**RECOMMEND**

: ไม่มี

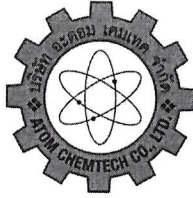
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By :

KRIENKRAI SIMMA  
(B.Sc.ENVIRONMENTAL TECHNOLOGY)

**ATOM CHEMTECH CO., LTD.**

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

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 : FEBRUARY 12, 2024

REPORT NO. : ATOM 67 / 099

DATE OF RECEIVING : FEBRUARY 13, 2024

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : FEBRUARY 15, 2024

CC : PURCHASE

DATE OF REPORT : FEBUARY 16, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำเสีหลังบำบัด				STANDARD
SAMPLING TIME			13.45 น.				WASTE WATER
ANALYSIS NO.			67 / 099-4				
1. PH	-	PH METER	7.48				5.0-9.0
2. BOD	mg/l.	5-day BOD Test, Azide Modification	14				$\leq 20$
3. Suspended Solids	mg/l.	Dried at 103-105 °C	19				$\leq 30$
4. Sulfide	mg/l. as S <sup>2-</sup>	Idometric	0.6				$\leq 1.0$
5. Total Dissolved Solid	mg/l.	Dried at 103-105 °C	265				$\leq 500$
6. Settleable Solid	mg/l.	Volumetric	ND				$\leq 0.5$
7. Grease & Oil	mg/l.	Partition-Gravimetric	ND				$\leq 20$
8. Total Kjeldahl Nitrogen	mg/l.	Macro-Kjeldahl	0.47				$\leq 35$

**STANDARD WASTE WATER**

: ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ.2548

เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคาร บางประเภท และบางขนาด (ประเภท ก)

**PHYSICAL APPEARANCE**

: ไม่มีลักษณะใส

**WATER QUALITY**

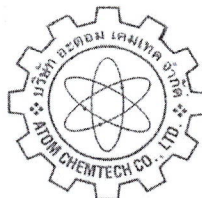
: ค่าผ่านเกณฑ์มาตรฐาน

**RECOMMEND**

: ไม่มี

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

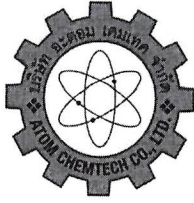
Approved By :

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 : MAY 16, 2024

REPORT NO. : ATOM 67 / 162

DATE OF RECEIVING : MAY 17, 2024

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : MAY 24, 2024

CC : PURCHASE

DATE OF REPORT : MAY 25, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำเสีหลังบ้าน				STANDARD
SAMPLING TIME			13.30 น.				WASTE WATER
ANALYSIS NO.			67 / 162 -4				
1. PH	-	PH METER	7.66				5.0-9.0
2. BOD	mg/l.	5-day BOD Test,	13				≤ 20
		Azide Modification					
3. Suspended Solids	mg/l.	Dried at 103-105 °C	17				≤ 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	255				≤ 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	5				≤ 35

STANDARD WASTE WATER

: ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม พ.ศ.2548

เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคาร บางประเภท และบางขนาด (ประเภท ก)

PHYSICAL APPEARANCE

: ไม่มีลักษณะใส

WATER QUALITY

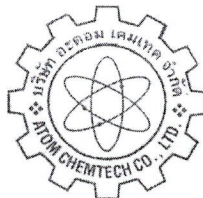
: ค่าผ่านเกณฑ์มาตรฐาน

RECOMMEND

: ไม่มี

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

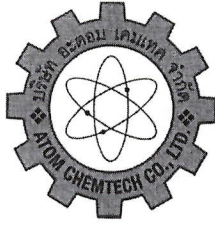
JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

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 : JANUARY 11, 2024

REPORT NO. : ATOM 67 / 092

DATE OF RECEIVING : JANUARY 13, 2024

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : JANUARY 20, 2024

CC : PURCHASE

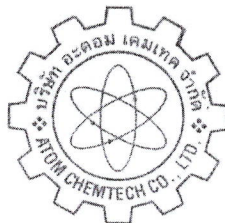
DATE OF REPORT : JANUARY 21, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเล็ก			STANDARD
SAMPLING TIME			13.00 น.	13.10 น.			SWIMMING POOL
ANALYSIS NO.			67 / 092-1	67 / 092-2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	6.9	7.8			7.2-7.6
3. RESIDUALCHLORINE	mg/l.	ORTHOTOLIDNIE	3.0	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	78	78			200-400
5. CHLORIDE	mg/l.	ARGENTROMETRIC	154	162			< 500
6. TDS	mg/l.	ELECTRICAL TDS	479	416			1000-2000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	620	685			500-1000
8. SALINITY	mg/l.	SALINITY METER	153	103			< 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	2.1	0.8			< 5.0

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

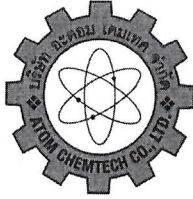
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

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

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

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

KRIENGKRAI SIMMA  
(B.Sc.ENVIRONMENTAL TECHNOLOGY)

**ATOM CHEMTECH CO., LTD.**

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

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

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

**WATER ANALYSIS REPORT**

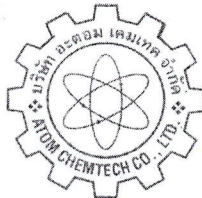
CUSTOMER NAME : SAI LAGUNA PHUKET      DATE OF SAMPLING : FEBUARY 12, 2024  
REPORT NO. : ATOM 67 / 099      DATE OF RECEIVING : FEBUARY 13, 2024  
ATTN : CHIEF ENGINEER      DATE OF ANYLSIS : FEBUARY 15, 2024  
CC : PURCHASE      DATE OF REPORT : FEBUARY 16, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเล็ก			STANDARD
SAMPLING TIME			13.25 น.	13.25 น.			SWIMMING POOL
ANALYSIS NO.			67 / 099-1	67 / 099-2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	7.18	7.68			7.2-7.6
3. RESIDUALCHLORINE	mg/l.	ORTHOTOLIDNIE	3.0	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	79	79			200-400
5. CHLORIDE	mg/l.	ARGENTOMETRIC	153	163			< 500
6. TDS	mg/l.	ELECTRICAL TDS	477	412			1000-2000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUTIVITY	618	677			500-1000
8. SALINITY	mg/l.	SALINITY METER	143	112			< 1,000
9. MANGANESE	mg/l.	MANGANESE METER	0	0			-
10. M-ALK	mg/l.	HCL TITRATION	25	25			-
11. IRON	mg/l.	IRON METER	0	0			-
12. TUBIDITY	NTU	ABSORPTOMETRIC	2.3	0.9			< 5.0

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

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

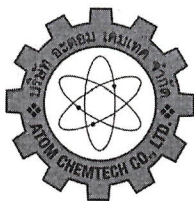
Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By :

KRIEN GKRAI 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**

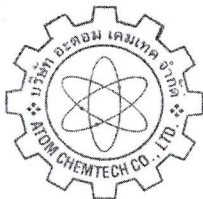
CUSTOMER NAME : SAI LAGUNA PHUKET DATE OF SAMPLING : MARCH 18, 2024  
REPORT NO. : ATOM 67 / 106 DATE OF RECEIVING : MARCH 19, 2024  
ATTN : CHIEF ENGINEER DATE OF ANYLYSIS : MARCH 21, 2024  
CC : PURCHASE DATE OF REPORT : MARCH 22, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเล็ก			STANDARD
SAMPLING TIME			15.25 น.	15.25 น.			SWIMMING POOL
ANALYSIS NO.			67 / 106-1	67 / 106-2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	7.35	7.59			7.2-7.6
3. RESIDUALCHLORINE	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.	ARGENTROMETRIC	154	152			< 500
6. TDS	mg/l.	ELECTRICAL TDS	468	423			1000-2000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUTIVITY	633	637			500-1000
8. SALINITY	mg/l.	SALINITY METER	142	121			< 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	1.9	1			< 5.0

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

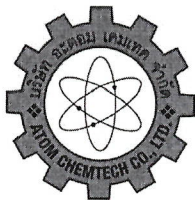
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By :

KRIENGKRAI SIMMA  
(B.Sc.ENVIRONMENTAL TECHNOLOGY)

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**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET

DATE OF SAMPLING : APRIL 16, 2024

REPORT NO. : ATOM 67 / 111

DATE OF RECEIVING : APRIL 17, 2024

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : APRIL 19, 2024

CC : PURCHASE

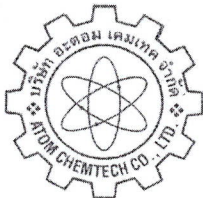
DATE OF REPORT : APRIL 20, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเล็ก			STANDARD
SAMPLING TIME			11.25 น.	11.25 น.			SWIMMING POOL
ANALYSIS NO.			67 / 111-1	67 / 111-2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	7.11	7.59			7.2-7.6
3. RESIDUALCHLORINE	mg/l.	ORTHOTOLIDNIE	3.0	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	75	77			200-400
5. CHLORIDE	mg/l.	ARGENTROMETRIC	168	139			< 500
6. TDS	mg/l.	ELECTRICAL TDS	398	488			1000-2000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUTIVITY	624	610			500-1000
8. SALINITY	mg/l.	SALINITY METER	144	136			< 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	1.7	1.1			< 5.0

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

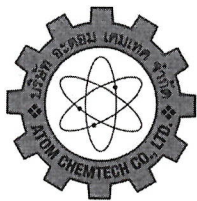
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

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 : SAI LAGUNA PHUKET

DATE OF SAMPLING : MAY 16, 2024

REPORT NO. : ATOM 67 / 162

DATE OF RECEIVING : MAY 17, 2024

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : MAY 24, 2024

CC : PURCHASE

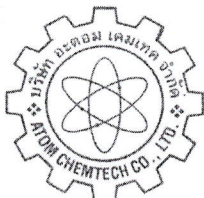
DATE OF REPORT : MAY 25, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเล็ก			STANDARD
SAMPLING TIME			13.20 น.	13.25 น.			SWIMMING POOL
ANALYSIS NO.			67 / 162 -1	67 / 162-2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	7.68	7.62			7.2-7.6
3. RESIDUALCHLORINE	mg/l.	ORTHOTOLIDNIE	3.0	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	79	74			200-400
5. CHLORIDE	mg/l.	ARGENTROMETRIC	164	135			< 500
6. TDS	mg/l.	ELECTRICAL TDS	375	475			1000-2000
7. CONDUCTIVITY	μs/cm.	ELECTRICAL CONDUTIVITY	633	615			500-1000
8. SALINITY	mg/l.	SALINITY METER	140	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	1.5	1.3			< 5.0

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

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

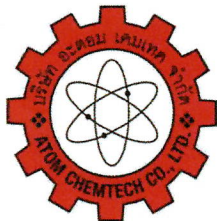
Analyzed By: \_\_\_\_\_

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

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

KRIENGKRAI SIMMA  
(B.Sc.ENVIRONMENTAL TECHNOLOGY)



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**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAII LAGUNA PHUKET

DATE OF SAMPLING : JUNE 17, 2024

REPORT NO. : ATOM 67 / 249

DATE OF RECEIVING : JUNE 18, 2024

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : JUNE 25, 2024

CC : PURCHASE

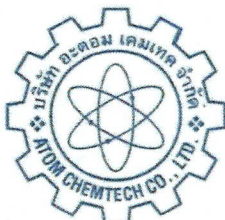
DATE OF REPORT : JUNE 25, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			สระใหญ่	สระเล็ก			STANDARD
SAMPLING TIME			13.45 น.	13.50 น.			SWIMMING POOL
ANALYSIS NO.			67 / 249 -1	67 / 249 -2			
1. APPEARANCE	-		ใส	ใส			ใส
2. PH	-	PH METER	7.81	7.6			7.2-7.6
3. RESIDUALCHLORINE	mg/l.	ORTHOTOLIDNIE	1.5	3.0			1.0-3.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	100	74			200-400
5. CHLORIDE	mg/l.	ARGENTOMETRIC	160	135			< 500
6. TDS	mg/l.	ELECTRICAL TDS	370	475			1000-2000
7. CONDUCTIVITY	μs/cm.	ELECTRICAL CONDUCTIVITY	740	615			500-1000
8. SALINITY	mg/l.	SALINITY METER	80	133			< 1,000
9. M-ALK	mg/l.	HCL TITRATION	80	27			-
10. IRON	mg/l.	IRON METER	0	0			-
11. MANGANESE	mg/l.	MANGANESE METER	0.3	0.3			< 0.08
12. TUBIDITY	NTU	ABSORPTOMETRIC	1.2	1.3			< 5.0

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

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

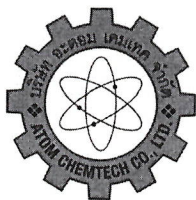
Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By :

KRIEN GKRAI SIMMA  
(B.Sc.ENVIRONMENTAL TECHNOLOGY)



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**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAIL LAGUNA PHUKET      DATE OF SAMPLING : FEBRUARY 12, 2024  
REPORT NO. : ATOM 67 / 099      DATE OF RECEIVING : FEBRUARY 13, 2024  
ATTN : CHIEF ENGINEER      DATE OF ANYLYSIS : FEBRUARY 15, 2024  
CC : PURCHASE      DATE OF REPORT : FEBRUARY 16, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำประปา				STANDARD
SAMPLING TIME			13.35 น.				WATER SUPPLY
ANALYSIS NO.			67 / 099-3				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	7.6				6.5-8.5
3. RESIDUALCHLORINE	mg/l.	ORTHOTOLIDNIE	1.5				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	46				< 300
5. CHLORIDE	mg/l.	ARGENTROMETRIC	47				< 250
6. TDS	mg/l.	ELECTRICAL TDS	175				< 1000
7. CONDUCTIVITY	μs/cm.	ELECTRICAL CONDUTIVITY	291				< 1800
8. M-ALK	mg/l.	HCL TITRATION	51				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	51				-
11. IRON	mg/l.	IRON METER	0.21				< 0.3

STANDARD WATER SUPPLY : มาตรฐานคุณภาพน้ำประปาของการประปาส่วนภูมิภาค (ตามข้อแนะนำขององค์การอนามัยโลก ปี 2011)

PHYSICAL APPEARANCE : น้ำมีลักษณะใส

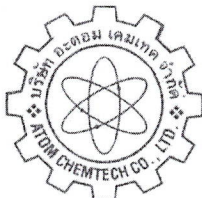
WATER QUALITY : ค่าผ่านเกณฑ์มาตรฐาน

RECOMMEND : ไม่มี

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

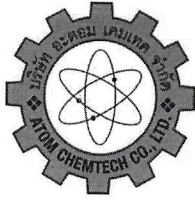
JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)



Approved By :

KRIENKRAI SIMMA  
(B.Sc.ENVIRONMENTAL TECHNOLOGY)



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

**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET

DATE OF SAMPLING : APRIL 16, 2024

REPORT NO. : ATOM 67 / 111

DATE OF RECEIVING : APRIL 17, 2024

ATTN : CHIEF ENGINEER

DATE OF ANALYSIS : APRIL 19, 2024

CC : PURCHASE

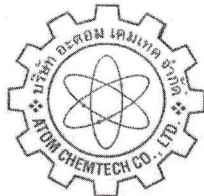
DATE OF REPORT : APRIL 20, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำประปา				STANDARD WATER SUPPLY
SAMPLING TIME			11.40 น.				
ANALYSIS NO.			67 / 111 -3				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	7.45				6.5-8.5
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDINE	0.5				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	90				< 300
5. CHLORIDE	mg/l.	ARGENTOMETRIC	140				< 250
6. TDS	mg/l.	ELECTRICAL TDS	366				< 1000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	754				< 1800
8. M-ALK	mg/l.	HCL TITRATION	34				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	34				-
11. IRON	mg/l.	IRON METER	0				< 0.3
11. MANGANESE	mg/l.	MANGANESE METER	0				< 0.08

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

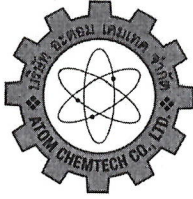
ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By :

KRIENGKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)

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**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET      DATE OF SAMPLING : MARCH 18, 2024  
REPORT NO. : ATOM 67 / 106      DATE OF RECEIVING : MARCH 19, 2024  
ATTN : CHIEF ENGINEER      DATE OF ANYLYSIS : MARCH 21, 2024  
CC : PURCHASE      DATE OF REPORT : MARCH 22, 2024

PARAMETERS	UNITS	ANALYSIS METHOD	RESULT OF ANALYSIS				STANDARD
			1	2	3	4	
SAMPLING NAME			น้ำประปา				STANDARD
SAMPLING TIME			15.35 น.				WATER SUPPLY
ANALYSIS NO.			67 / 106-3				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	7.2				6.5-8.5
3. RESIDUALCHLORINE	mg/l.	ORTHOTOLIDNIE	1.5				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	44				< 300
5. CHLORIDE	mg/l.	ARGENTROMETRIC	46				< 250
6. TDS	mg/l.	ELECTRICAL TDS	186				< 1000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUTIVITY	289				< 1800
8. M-ALK	mg/l.	HCL TITRATION	50				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	50				-
11. IRON	mg/l.	IRON METER	0				< 0.3

STANDARD WATER SUPPLY : มาตรฐานคุณภาพน้ำประปาของการประปาส่วนภูมิภาค (ตามข้อกำหนดขององค์การอนามัยโลก ปี 2011)

PHYSICAL APPEARANCE : น้ำมีลักษณะใส

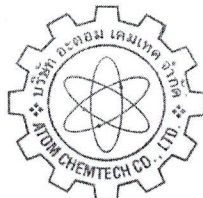
WATER QUALITY : ค่าผ่านเกณฑ์มาตรฐาน

RECOMMEND : ไม่มี

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

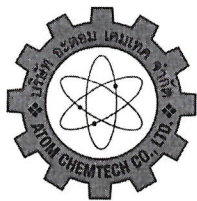
Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)



Approved By :

KRIENKRAI SIMMA  
(B.Sc.ENVIRONMENTAL TECHNOLOGY)

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

**WATER ANALYSIS REPORT**

CUSTOMER NAME : SAI LAGUNA PHUKET

DATE OF SAMPLING : MAY 16, 2024

REPORT NO. : ATOM 67 / 162

DATE OF RECEIVING : MAY 17, 2024

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : MAY 24, 2024

CC : PURCHASE

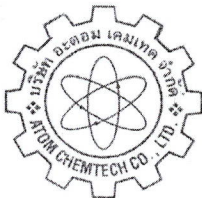
DATE OF REPORT : MAY 25, 2024

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.			67 / 162 -3				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	7.35				6.5-8.5
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDNIE	0.5				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	40				< 300
5. CHLORIDE	mg/l.	ARGENTROMETRIC	46				< 250
6. TDS	mg/l.	ELECTRICAL TDS	188				< 1000
7. CONDUCTIVITY	µs/cm.	ELECTRICAL CONDUCTIVITY	265				< 1800
8. M-ALK	mg/l.	HCL TITRATION	45				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	45				-
11. IRON	mg/l.	IRON METER	0.01				< 0.3

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

ANALYSIS REPORTED REFER TO SUBMITTED SAMPLES ONLY

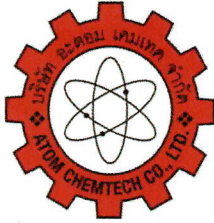
Analyzed By:

JATUPHAN JANJATURAPHAN  
(CHEMICAL SALES DEPARTMENT)

Approved By :

KRIEN GKRAI SIMMA  
(B.Sc. ENVIRONMENTAL TECHNOLOGY)



**ATOM CHEMTECH CO., LTD.**

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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 : JUNE 17, 2024

REPORT NO. : ATOM 67 / 249

DATE OF RECEIVING : JUNE 18, 2024

ATTN : CHIEF ENGINEER

DATE OF ANYLYSIS : JUNE 25, 2024

CC : PURCHASE

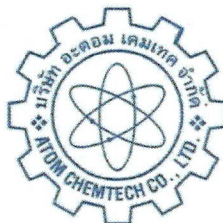
DATE OF REPORT : JUNE 25, 2024

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.			67 / 249 -3				
1. APPEARANCE	-		ใส				ใส
2. PH	-	PH METER	6.76				6.5-8.5
3. RESIDUAL CHLORINE	mg/l.	ORTHOTOLIDNIE	0.5				0.2-2.0
4. TOTAL HARDNESS	mg/l.	EDTA TITRATION	140				< 300
5. CHLORIDE	mg/l.	ARGENTROMETRIC	160				< 250
6. TDS	mg/l.	ELECTRICAL TDS	370				< 1000
7. CONDUCTIVITY	μs/cm.	ELECTRICAL CONDUTIVITY	740				< 1800
8. M-ALK	mg/l.	HCL TITRATION	40				100-200
9. P-ALK	mg/l.	HCL TITRATION	-				-
10. BICARBONATE	mg/l.	CALCULATION	40				-
11. IRON	mg/l.	IRON METER	0				< 0.3
11. MANGANESE	mg/l.	MANGANESE METER	0.3				< 0.08

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)