



## Analysis/Test Report

### Private Laboratory Registration ๖-๒๓๘

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 31/01/2024

Sampling Method : Grab

Report Date : 05/02/2024

Sampling Date : 30/01/2024

Report No. : WT3980167002

Received Date : 31/01/2024

Parameter	Unit	Method**	0264/01/24	Standard
			Seaside Pool	
				***
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.78	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.74	0.5 – 1.0
Alkalinity	ppm	Titration Method	96	80 – 100
Calcium hardness	mg/L	Titration Method	302	250 – 600
Cyanuric acid	mg/L	Turbidimetric	46.20	30 – 60
Chloride	mg/L	Titration Method	376	<600
Ammonia	mg/L	Phenate Method	9.30	<20
Nitrate	mg/L	Nitrate Electrode	0.7900	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017

(3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

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05/02/2024

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05/02/2024

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Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 31/01/2024

Sampling Method : Grab

Report Date : 05/02/2024

Sampling Date : 30/01/2024

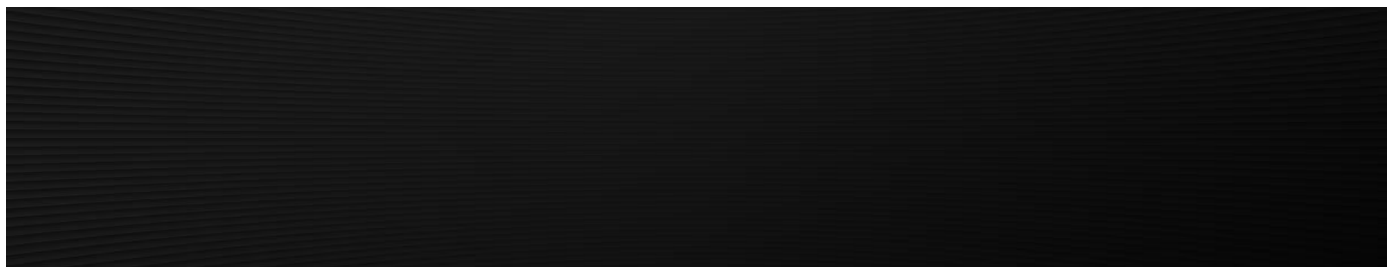
Report No. : WT3980167003

Received Date : 31/01/2024

Parameter	Unit	Method**	0264/01/24	Standard
			Laquita Pool	
				***
pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.69	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.50	0.5 – 1.0
Alkalinity	ppm	Titration Method	98	80 – 100
Calcium hardness	mg/L	Titration Method	300	250 – 600
Cyanuric acid	mg/L	Turbidimetric	48.50	30 – 60
Chloride	mg/L	Titration Method	300	<600
Ammonia	mg/L	Phenate Method	10.00	<20
Nitrate	mg/L	Nitrate Electrode	0.8500	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

- (1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work
- (2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017
- (3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis



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## Analysis/Test Report

### Private Laboratory Registration ๓-๒๓๘

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 31/01/2024

Sampling Method : Grab

Report Date : 05/02/2024

Sampling Date : 30/01/2024

Report No. : WT3980167002

Received Date : 31/01/2024

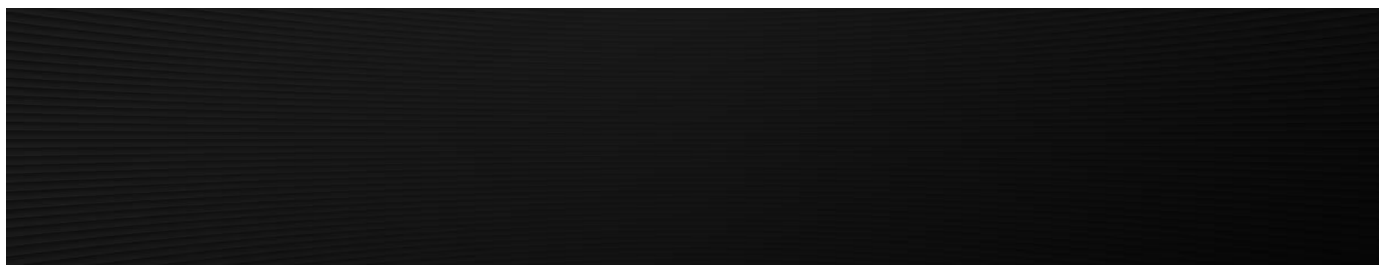
Parameter	Unit	Method**	0264/01/24	Standard
			Seaside Pool	
				***
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.78	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.74	0.5 – 1.0
Alkalinity	ppm	Titration Method	96	80 – 100
Calcium hardness	mg/L	Titration Method	302	250 – 600
Cyanuric acid	mg/L	Turbidimetric	46.20	30 – 60
Chloride	mg/L	Titration Method	376	<600
Ammonia	mg/L	Phenate Method	9.30	<20
Nitrate	mg/L	Nitrate Electrode	0.7900	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017

(3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis



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## Analysis/Test Report

### Private Laboratory Registration 3-223

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 31/01/2024

Sampling Method : Grab

Report Date : 05/02/2024

Sampling Date : 30/01/2024

Report No. : WT3980167003

Received Date : 31/01/2024

Parameter	Unit	Method**	0264/01/24	Standard
			Laquita Pool	
				***
pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.69	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.50	0.5 – 1.0
Alkalinity	ppm	Titration Method	98	80 – 100
Calcium hardness	mg/L	Titration Method	300	250 – 600
Cyanuric acid	mg/L	Turbidimetric	48.50	30 – 60
Chloride	mg/L	Titration Method	300	<600
Ammonia	mg/L	Phenate Method	10.00	<20
Nitrate	mg/L	Nitrate Electrode	0.8500	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

- (1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work
- (2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017
- (3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

05/02/2024

05/02/2024

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## Analysis/Test Report

### Private Laboratory Registration ๓-๒๓๘

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 31/01/2024

Sampling Method : Grab

Report Date : 05/02/2024

Sampling Date : 30/01/2024

Report No. : WT3980167004

Received Date : 31/01/2024

Parameter	Unit	Method**	0265/01/24	Standard
			Club House Pool	
				***
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.92	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.74	0.5 – 1.0
Alkalinity	ppm	Titration Method	98	80 – 100
Calcium hardness	mg/L	Titration Method	360	250 – 600
Cyanuric acid	mg/L	Turbidimetric	41.20	30 – 60
Chloride	mg/L	Titration Method	293	<600
Ammonia	mg/L	Phenate Method	9.30	<20
Nitrate	mg/L	Nitrate Electrode	0.8800	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

- (1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work  
(2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017  
(3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

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05/02/2024

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## Analysis/Test Report

### Private Laboratory Registration ๓-๒๓๘

**Customer** : Amari Phuket Resort & Spa

**Address** : Patong Beach, Phuket 83150 Thailand

**Sample Type** : Tap Water

**Analytical Date** : 27/03/2024

**Sampling Method** : Grab

**Report Date** : 05/04/2024

**Sampling Date** : 26/03/2024

**Report No.** : WT3980367002

**Received Date** : 27/03/2023

Remark:

Parameter	Unit	Method**	0908/03/24	Standard ***
			Cold water Engineer room.	
Copper	mg/L	ICP	ND	<1.0
Total Iron	mg/L	Photometer (Phenanthroline)	ND	<0.5
Zinc	mg/L	ICP	0.025	<3.0
Mercury	mg/L	ICP- Hydried	<0.0005	<0.001
Lead	mg/L	IPC	<0.005	<0.01
Arsenic	mg/L	ICP- Hydried	<0.001	<0.01
Chromium	mg/L	ICP	0.002	<0.05
Cadmium	mg/L	ICP	<0.001	<0.003
Coliform, Total	MPN/100 mL	APHA: 9221 B	ND	Not Detected
Coliform, Fecal	MPN/100 mL	APHA:92121 E	ND	Not Detected
Appearance		Observation	Clear	

(1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017

(3)\*\*\*Water quality standards Ministry of Public Health, Department of Health,2020

05/04/2024

05/04/2024

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## Analysis/Test Report

### Private Laboratory Registration 3-๒๓๘

**Customer** : Amari Phuket Resort & Spa

**Address** : Patong Beach, Phuket 83150 Thailand

**Sample Type** : Swimming water

**Analytical Date** : 27/03/2024

**Sampling Method** : Grab

**Report Date** : 05/04/2024

**Sampling Date** : 26/03/2024

**Report No.** : WT3980367003

**Received Date** : 27/03/2024

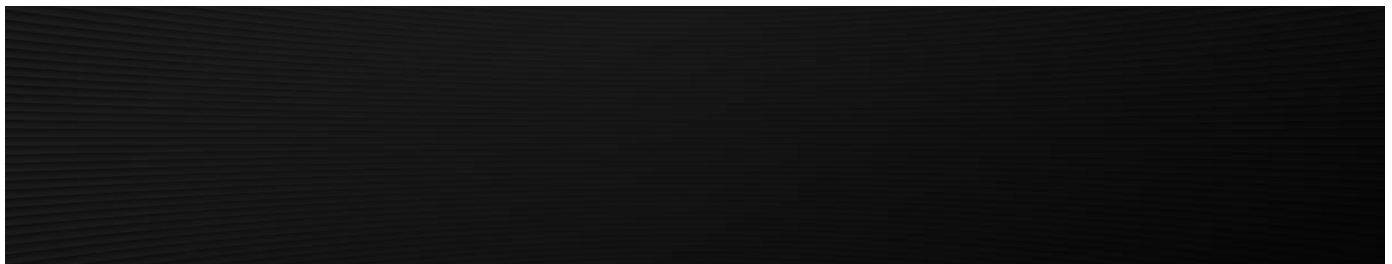
Parameter	Unit	Method**	0909/03/24	Standard
			Seaside Pool	
				***
pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.58	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.74	0.5 – 1.0
Alkalinity	ppm	Titration Method	95	80 – 100
Calcium hardness	mg/L	Titration Method	300	250 – 600
Cyanuric acid	mg/L	Turbidimetric	39.60	30 – 60
Chloride	mg/L	Titration Method	488	<600
Ammonia	mg/L	Phenate Method	7.10	<20
Nitrate	mg/L	Nitrate Electrode	0.8500	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017

(3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis



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## Analysis/Test Report

### Private Laboratory Registration 3-๒๓๘

**Customer** : Amari Phuket Resort & Spa

**Address** : Patong Beach, Phuket 83150 Thailand

**Sample Type** : Swimming water

**Analytical Date** : 27/03/2024

**Sampling Method** : Grab

**Report Date** : 05/04/2024

**Sampling Date** : 26/03/2024

**Report No.** : WT3980367004

**Received Date** : 27/03/2024

Parameter	Unit	Method**	0910/03/24	Standard
			Laquita pool	
				***
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.61	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.55	0.5 – 1.0
Alkalinity	ppm	Titration Method	97	80 – 100
Calcium hardness	mg/L	Titration Method	381	250 – 600
Cyanuric acid	mg/L	Turbidimetric	39.20	30 – 60
Chloride	mg/L	Titration Method	381	<600
Ammonia	mg/L	Phenate Method	5.0	<20
Nitrate	mg/L	Nitrate Electrode	0.7400	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017

(3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

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## Analysis/Test Report

### Private Laboratory Registration ๖-๒๓๘

**Customer** : Amari Phuket Resort & Spa

**Address** : Patong Beach, Phuket 83150 Thailand

**Sample Type** : Swimming water

**Analytical Date** : 27/03/2024

**Sampling Method** : Grab

**Report Date** : 05/04/2024

**Sampling Date** : 26/03/2024

**Report No.** : WT3980367005

**Received Date** : 27/03/2024

Parameter	Unit	Method**	0911/03/24	Standard
			Club House Pool	
				***
pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.85	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.52	0.5 – 1.0
Alkalinity	ppm	Titration Method	96	80 – 100
Calcium hardness	mg/L	Titration Method	211	250 – 600
Cyanuric acid	mg/L	Turbidimetric	38.20	30 – 60
Chloride	mg/L	Titration Method	355	<600
Ammonia	mg/L	Phenate Method	7.20	<20
Nitrate	mg/L	Nitrate Electrode	0.9600	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

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## Analysis/Test Report

### Private Laboratory Registration 3-2024

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 26/04/2024

Sampling Method : Grab

Report Date : 02/05/2024

Sampling Date : 25/04/2024

Report No. : WT3980467002

Received Date : 26/04/2024

Parameter	Unit	Method**	1213/04/24	Standard
			Seaside Pool	
				***
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.65	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.85	0.5 – 1.0
Alkalinity	ppm	Titration Method	92	80 – 100
Calcium hardness	mg/L	Titration Method	360	250 – 600
Cyanuric acid	mg/L	Turbidimetric	35.60	30 – 60
Chloride	mg/L	Titration Method	337	<600
Ammonia	mg/L	Phenate Method	13.20	<20
Nitrate	mg/L	Nitrate Electrode	0.7500	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017

(3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

02/05/2024

02/05/2024

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## Analysis/Test Report

Private Laboratory Registration 3-๒๓๘

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 26/04/2024

Sampling Method : Grab

Report Date : 02/05/2024

Sampling Date : 25/04/2024

Report No. : WT3980467003

Received Date : 26/04/2024

Parameter	Unit	Method**	1214/04/24	Standard
			Laquita Pool	
				***
pH	-	Electrometric Method	7.8	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.63	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.85	0.5 – 1.0
Alkalinity	ppm	Titration Method	99	80 – 100
Calcium hardness	mg/L	Titration Method	450	250 – 600
Cyanuric acid	mg/L	Turbidimetric	45.30	30 – 60
Chloride	mg/L	Titration Method	405	<600
Ammonia	mg/L	Phenate Method	7.60	<20
Nitrate	mg/L	Nitrate Electrode	0.9000	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

- (1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work
- (2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017
- (3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

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## Analysis/Test Report

### Private Laboratory Registration 3-2023

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 26/04/2024

Sampling Method : Grab

Report Date : 02/05/2024

Sampling Date : 25/04/2024

Report No. : WT3980467004

Received Date : 26/04/2024

Parameter	Unit	Method**	1215/04/24	Standard
			Club House Pool	
pH	-	Electrometric Method	7.5	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.79	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.55	0.5 – 1.0
Alkalinity	ppm	Titration Method	95	80 – 100
Calcium hardness	mg/L	Titration Method	285	250 – 600
Cyanuric acid	mg/L	Turbidimetric	39.60	30 – 60
Chloride	mg/L	Titration Method	306	<600
Ammonia	mg/L	Phenate Method	7.10	<20
Nitrate	mg/L	Nitrate Electrode	0.8400	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017

(3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

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02/05/2024

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02/05/2024

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## Analysis/Test Report

### Private Laboratory Registration ๓-๒๓๘

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Tap Water

Analytical Date : 29/05/2024

Sampling Method : Grab

Report Date : 31/05/2024

Sampling Date : 28/05/2024

Report No. : WT3980567001

Received Date : 29/05/2024

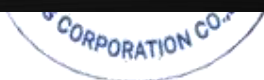
Parameter	Unit	Method**	1544/05/24	Standard ***
			Cold water Engineer room.	
Coliform, Total	MPN/100 mL	APHA: 9221 B	ND	Not detected
Coliform, Fecal	MPN/100 mL	APHA: 9221 E	ND	Not detected
Appearance		Observation	Clear	

Remark :

- (1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work
- (2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017
- (3)\*\*\*Water quality standards Ministry of Public Health, Department of Health,2020

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07/06/2024



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## Analysis/Test Report

### Private Laboratory Registration 3-๒๓๘

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 29/05/2024

Sampling Method : Grab

Report Date : 07/06/2024

Sampling Date : 28/05/2024

Report No. : WT3980567002

Received Date : 29/05/2024

Parameter	Unit	Method**	1545/05/24	Standard
			Seaside Pool	
				***
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.69	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.94	0.5 – 1.0
Alkalinity	ppm	Titration Method	94	80 – 100
Calcium hardness	mg/L	Titration Method	480	250 – 600
Cyanuric acid	mg/L	Turbidimetric	45.00	30 – 60
Chloride	mg/L	Titration Method	408	<600
Ammonia	mg/L	Phenate Method	3.00	<20
Nitrate	mg/L	Nitrate Electrode	0.5200	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

(1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work

(2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017

(3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

07/06/2024

07/06/2024

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## Analysis/Test Report

Private Laboratory Registration 3-๒๓๘

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 29/05/2024

Sampling Method : Grab

Report Date : 07/06/2024

Sampling Date : 28/05/2024

Report No. : WT3980567003

Received Date : 29/05/2024

Parameter	Unit	Method**	1546/05/24	Standard
			Laquita Pool	
				***
pH	-	Electrometric Method	7.6	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.74	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.99	0.5 – 1.0
Alkalinity	ppm	Titration Method	91	80 – 100
Calcium hardness	mg/L	Titration Method	295	250 – 600
Cyanuric acid	mg/L	Turbidimetric	40.30	30 – 60
Chloride	mg/L	Titration Method	391	<600
Ammonia	mg/L	Phenate Method	6.30	<20
Nitrate	mg/L	Nitrate Electrode	0.8400	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

- (1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work
- (2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017
- (3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

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07/06/2024

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## Analysis/Test Report

### Private Laboratory Registration 3-๒๓๘

Customer : Amari Phuket Resort & Spa

Address : Patong Beach, Phuket 83150 Thailand

Sample Type : Swimming water

Analytical Date : 29/05/2024

Sampling Method : Grab

Report Date : 07/06/2024

Sampling Date : 28/05/2024

Report No. : WT3980567004

Received Date : 29/05/2024

Parameter	Unit	Method**	1547/05/24	Standard
			Club House Pool	
				***
pH	-	Electrometric Method	8.0	7.2 – 8.4
Free chlorine	ppm	Photometer (DPD)	0.84	0.6 – 1.0
Combined chlorine	ppm	Photometer (DPD)	0.95	0.5 – 1.0
Alkalinity	ppm	Titration Method	98	80 – 100
Calcium hardness	mg/L	Titration Method	299	250 – 600
Cyanuric acid	mg/L	Turbidimetric	38.60	30 – 60
Chloride	mg/L	Titration Method	299	<600
Ammonia	mg/L	Phenate Method	9.20	<20
Nitrate	mg/L	Nitrate Electrode	0.9400	<50
Coliform, Total	MPN/1000mL	APHA: 9221 B	ND	<10
Coliform, Fecal	MPN/1000mL	APHA: 9221 E	ND	Not detected
E.coli	MPN/1000mL	APHA: 9221 G	ND	Not detected
Staphylococcus aureus	MPN/1000mL	APHA: 9213 B	ND	Not detected
Pseudomonas aeruginosa	MPN/1000mL	ISO 1622	ND	Not detected
Appearance		Observation	Clear	

Remark :

- (1)\* Types of pollutants allowed to apply for the registration of private analytical laboratories. Department of Industrial Work
- (2)\*\* Method Based on Standard Methods for The examination of Water & Wastewater 23<sup>rd</sup> Edition, 2017
- (3)\*\*\*Ministry of Public Health BE.2550, Thailand for swimming pool analysis

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