

ภาคผนวก ค

ใบรับรองผลการวิเคราะห์คุณภาพน้ำ



Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 2481598

Date Received : Aug 15, 2024

Date Reported : Aug 24, 2024

Report Number : 3091532-1

Page 1 of 2

Sample Number	2481598-8
Sampled Date	Aug 14, 2024 11:10 AM
Sample Description	Wastewater
Location	Influent WasteWater
Date Analysis Commenced	Aug 15, 2024
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	3500000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	206	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Dissolved Oxygen *	mg/L	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Songkhla
Mixed Liquor Suspended Solids *	mg/L	-	5	100	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla
Oil & Grease	mg/L	-	3	19	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.1	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Sulfide *	mg/L	-	0.5	3.4	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla

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Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :
Project Name :
Project Location :

Lot ID: 2481598

Date Received : Aug 15, 2024

Date Reported : Aug 24, 2024

Report Number : 3091532-1

Page 2 of 2

Sample Number 2481598-8
Sampled Date Aug 14, 2024 11:10 AM
Sample Description Wastewater
Location Influent WasteWater
Date Analysis Commenced Aug 15, 2024
Condition of Sample Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	44.8	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	100	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 250 มิลลิกรัมต่อลิตร

Sampling By : Thaksin Aintrom , Sakkarin Panpheng

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

TESTING
No.0166

Lot ID: 2485826

Date Received : Aug 28, 2024

Date Reported : Sep 03, 2024

Report Number : 3066215-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 3 of 4

Sample Number	2485826-2
Sampled Date	Aug 27, 2024 10:15 AM
Sample Description	Wastewater
Location	Influent WasteWater
Date Analysis Commenced	Aug 28, 2024
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	4900000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	217	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Dissolved Oxygen *	mg/L	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Songkhla
Mixed Liquor Suspended Solids *	mg/L	-	5	73	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla
Oil & Grease	mg/L	-	3	21	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	6.7	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Sulfide *	mg/L	-	0.5	3.6	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	36.8	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location:

Lot ID: 2485826

Date Received : Aug 28, 2024

Date Reported : Sep 03, 2024

Report Number : 3066215-1

Page 4 of 4

Sample Number	2485826-2						
Sampled Date	Aug 27, 2024 10:15 AM						
Sample Description	Wastewater						
Location	Influent WasteWater						
Date Analysis Commenced	Aug 28, 2024						
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids	mg/L	-	5	73	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 24109068

Date Received : Sep 24, 2024

Date Reported : Sep 30, 2024

Report Number : 3117182-1

Page 3 of 4

Sample Number 24109068-2
Sampled Date Sep 23, 2024 10:15 AM
Sample Description Wastewater
Location Influent WasteWater
Date Analysis Commenced Sep 24, 2024
Condition of Sample Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	7900000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	201	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Dissolved Oxygen *	mg/L	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Songkhla
Mixed Liquor Suspended Solids *	mg/L	-	5	60	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla
Oil & Grease	mg/L	-	3	20	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	6.7	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Sulfide *	mg/L	-	0.5	1.2	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	38.7	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok

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Ananta B.

Ananta Boonphet
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Analysis / Test Report

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :
Project Name :
Project Location :

TESTING
No.0166

Lot ID: 24109068

Date Received : Sep 24, 2024

Date Reported : Sep 30, 2024

Report Number : 3117182-1

Page 4 of 4

Sample Number 24109068-2
Sampled Date Sep 23, 2024 10:15 AM
Sample Description Wastewater
Location Influent WasteWater
Date Analysis Commenced Sep 24, 2024
Condition of Sample Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids	mg/L	-	5	60	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type A.

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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Analysis / Test Report

TESTING
No.0166

Lot ID: 24109715

Date Received : Oct 11, 2024

Date Reported : Oct 29, 2024

Report Number : 3146360-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 1 of 2

Sample Number	24109715-9
Sampled Date	Oct 10, 2024 11:10 AM
Sample Description	Wastewater
Location	Influent WasteWater
Date Analysis Commenced	Oct 11, 2024
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	4900000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	193	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Dissolved Oxygen *	mg/L	-	0.1	<0.1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Songkhla
Mixed Liqour Suspended Solids *	mg/L	-	5	78	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla
Oil & Grease	mg/L	-	3	16	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Sulfide *	mg/L	-	0.5	0.8	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	42.4	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok

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Ananta Boonphet
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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 24109715

Date Received : Oct 11, 2024

Date Reported : Oct 29, 2024

Report Number : 3146360-1

Page 2 of 2

Sample Number	24109715-9
Sampled Date	Oct 10, 2024 11:10 AM
Sample Description	Wastewater
Location	Influent WasteWater
Date Analysis Commenced	Oct 11, 2024
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids	mg/L	-	5	78	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type A.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

Lot ID: 24114567

Date Received : Nov 07, 2024

Date Reported : Nov 16, 2024

Report Number : 3167200-1

P/O :

Project Name :

Project Location :

Page 1 of 1

Sample Number	24114567-8
Sampled Date	Nov 06, 2024 11:40 AM
Sample Description	Wastewater
Location	Influent WasteWater
Date Analysis Commenced	Nov 07, 2024
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Total Coliform	MPN/100mL	-	-	1700000.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	259	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Dissolved Oxygen *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Songkhla
Mixed Liqour Suspended Solids *	mg/L	-	5	114	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla
Oil & Grease	mg/L	-	3	35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	6.7	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Sulfide *	mg/L	-	0.5	4.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	46.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	114	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

Lot ID: 24114583

Date Received : Dec 14, 2024

Date Reported : Dec 24, 2024

Report Number : 3201428-1

P/O :

Project Name :

Project Location :

Page 1 of 1

Sample Number	24114583-8
Sampled Date	Dec 13, 2024 10:15 AM
Sample Description	Wastewater
Location	Influent WasteWater
Date Analysis Commenced	Dec 14, 2024
Condition of Sample	Contained in two BOD bottles, one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, a lot of odour, some solid and a lot of turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Microbiological Testing						
Total Coliform	MPN/100mL	-	-	35000000.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing						
BOD (5 days at 20 degree C)	mg/L	-	2.0	196	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Dissolved Oxygen *	mg/L	-	0.1	<0.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Songkhla
Mixed Liquor Suspended Solids *	mg/L	-	5	126	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla
Oil & Grease	mg/L	-	3	24	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	6.9	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Sulfide *	mg/L	-	0.5	4.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	46.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	126	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Approved by

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Analysis / Test Report

TESTING
No.0166

Lot ID: 2481598

Date Received : Aug 15, 2024

Date Reported : Aug 24, 2024

Report Number : 3091531-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 1 of 2

Sample Number	2481598-7
Sampled Date	Aug 14, 2024 11:00 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Aug 15, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	2400.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	<3	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.6	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Residual Chlorine *	mg/L	-	0.1	<0.1	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (G)	Songkhla
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	468	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla

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Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING

No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 2481598

Date Received : Aug 15, 2024

Date Reported : Aug 24, 2024

Report Number : 3091531-1

Page 2 of 2

Sample Number	2481598-7
Sampled Date	Aug 14, 2024 11:00 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Aug 15, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, solid and no turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	3.0	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	<5	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Note : สารที่ละลายได้ทั้งหมดในน้ำใช้ = 250 มิลลิกรัมต่อลิตร

Sampling By : Thaksin Aintrom , Sakkarin Panpheng

Remark :

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :
Project Name :
Project Location :

Lot ID: 2485826

Date Received : Aug 28, 2024

Date Reported : Sep 03, 2024

Report Number : 3066215-1

Page 1 of 4

Sample Number	2485826-1
Sampled Date	Aug 27, 2024 10:09 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Aug 28, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	130000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	202	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	19	≤20	In-house method : STM 13-006 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Songkhla
pH at 25 degree C		-	-	6.9	5.0-9.0	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Residual Chlorine *	mg/L	-	0.1	<0.1	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (G)	Songkhla
Sulfide *	mg/L	-	0.5	1.6	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F)	Songkhla
Total Dissolved Solids Dried at 103-105 degree C *	mg/L	-	5	360	(1)	In-house method : STM 04-010 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	28.0	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok

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Chompoonuch Funtha
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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 2485826

Date Received : Aug 28, 2024

Date Reported : Sep 03, 2024

Report Number : 3066215-1

Page 2 of 4

Sample Number	2485826-1
Sampled Date	Aug 27, 2024 10:09 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Aug 28, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids	mg/L	-	5	48	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Analysis / Test Report

TESTING
No.0166

Lot ID: 24109068

Date Received : Sep 24, 2024

Date Reported : Sep 30, 2024

Report Number : 3117182-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 1 of 4

Sample Number	24109068-1						
Sampled Date	Sep 23, 2024 10:00 AM						
Sample Description	Wastewater						
Location	Effluent WasteWater						
Date Analysis Commenced	Sep 24, 2024						
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	11000000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	206	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	32	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	6.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Chlorine *	mg/L	-	0.1	<0.1	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (G)	Songkhla
Sulfide *	mg/L	-	0.5	2.0	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	384	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	34.7	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok

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Approved by

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Ananta Boonphet
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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 24109068

Date Received : Sep 24, 2024

Date Reported : Sep 30, 2024

Report Number : 3117182-1

Page 2 of 4

Sample Number	24109068-1
Sampled Date	Sep 23, 2024 10:00 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Sep 24, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids	mg/L	-	5	120	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type A.

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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Analysis / Test Report

TESTING
No.0166

Lot ID: 24109715

Date Received : Oct 11, 2024

Date Reported : Oct 29, 2024

Report Number : 3146359-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 1 of 2

Sample Number	24109715-8
Sampled Date	Oct 10, 2024 11:03 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Oct 11, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Brown, a lot of odour, solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	1700000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	352	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	38	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	6.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Sulfide *	mg/L	-	0.5	1.6	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	376	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	47.8	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	412	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

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Ananta Boonphet
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Analysis / Test Report

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location:

TESTING

No.0166

Lot ID: 24109715

Date Received : Oct 11, 2024

Date Reported : Oct 29, 2024

Report Number : 3146359-1

Page 2 of 2

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type A.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 24114567

Date Received : Nov 07, 2024

Date Reported : Nov 16, 2024

Report Number : 3167199-1

Page 1 of 2

Sample Number	24114567-7
Sampled Date	Nov 06, 2024 11:30 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Nov 07, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot of solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	1300000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	11.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	<3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Chlorine *	mg/L	-	0.1	<0.1	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (G)	Songkhla
Sulfide *	mg/L	-	0.5	0.6	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	344	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	7.3	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 24114567

Date Received : Nov 07, 2024

Date Reported : Nov 16, 2024

Report Number : 3167199-1

Page 2 of 2

Sample Number	24114567-7
Sampled Date	Nov 06, 2024 11:30 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Nov 07, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot of solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids	mg/L	-	5	30	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type A.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
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Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING
No.0166

Lot ID: 24114583

Date Received : Dec 14, 2024

Date Reported : Dec 24, 2024

Report Number : 3201427-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 1 of 2

Sample Number	24114583-7
Sampled Date	Dec 13, 2024 10:00 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Dec 14, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot of solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Total Coliform	MPN/100mL	-	-	79000.0	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	3.8	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Songkhla
Oil & Grease	mg/L	-	3	<3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Songkhla
pH at 25 degree C		-	-	7.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Chlorine *	mg/L	-	0.1	0.1	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (G)	Songkhla
Sulfide *	mg/L	-	0.5	<0.5	≤1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	494	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	5.2	≤35	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)	Bangkok

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Analysis / Test Report

TESTING

No.0166

Lot ID: 24114583

Date Received : Dec 14, 2024

Date Reported : Dec 24, 2024

Report Number : 3201427-1

Client : Kamala Bay Ventures Co., Ltd.

16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 2 of 2

Sample Number	24114583-7
Sampled Date	Dec 13, 2024 10:00 AM
Sample Description	Wastewater
Location	Effluent WasteWater
Date Analysis Commenced	Dec 14, 2024
Condition of Sample	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Yellow, some odour, a lot of solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids	mg/L	-	5	8	≤30	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Songkhla

Guideline : Notification of Ministry of Natural Resources and Environment B.E. 2567 on Effluent Control Standard from Types and Sized of Buildings, Type A.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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Analysis / Test Report

TESTING
No.0166

Lot ID: 2480662

Date Received : Jul 24, 2024

Date Reported : Aug 03, 2024

Report Number : 3055412-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 5 of 7

Sample Number	2480662-2
Sampled Date	Jul 23, 2024 10:25 AM
Sample Description	Consumption Water
Location	Guest Room Room 4010
Date Analysis Commenced	Jul 24, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.05	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Songkhla
Standard Plate Count *	CFU/100mL	-	-	62	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 D	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<2.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
Bicarbonate Alkalinity as CaCO ₃ *	mg/L	-	1	51	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Carbonate Alkalinity as CaCO ₃ *	mg/L	-	1	<1		Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
^[A] Chloride as Cl	mg/L	0.06	0.2	106	≤250.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color *	Color unit	-	5	<5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location:

Lot ID: 2480662

Date Received : Jul 24, 2024

Date Reported : Aug 03, 2024

Report Number : 3055412-1

Page 6 of 7

Sample Number	2480662-2
Sampled Date	Jul 23, 2024 10:25 AM
Sample Description	Consumption Water
Location	Guest Room Room 4010
Date Analysis Commenced	Jul 24, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity *	micromhos/cm	-	0.5	563	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Songkhla
Hydroxide Alkalinity as CaCO ₃ *	mg/L	-	1	<1		Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Methyl Orange Alkalinity as CaCO ₃ *	mg/L	-	1	51	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Permanent Hardness as CaCO ₃ *	mg/L	-	1	58	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
pH at 25 degree C		-	-	7.6	6.5-8.5	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Phenolphthalein Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Residual Alkalinity *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Temporary Hardness as CaCO ₃ *	mg/L	-	1	51	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok

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Analysis / Test Report

TESTING
No.0166

Lot ID: 2480662

Date Received : Jul 24, 2024

Date Reported : Aug 03, 2024

Report Number : 3055412-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 7 of 7

Sample Number	2480662-2
Sampled Date	Jul 23, 2024 10:25 AM
Sample Description	Consumption Water
Location	Guest Room Room 4010
Date Analysis Commenced	Jul 24, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Alkalinity as CaCO ₃ *	mg/L	-	1	51	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	314	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
^[A] Total Hardness as CaCO ₃	mg/L	-	1	108	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity	NTU	-	0.1	0.45	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location:

Lot ID: 2481598

Date Received : Aug 15, 2024

Date Reported : Aug 24, 2024

Report Number : 3091526-1

Page 1 of 3

Sample Number	2481598-2
Sampled Date	Aug 14, 2024 10:10 AM
Sample Description	Consumption Water
Location	Guest Room No.1302
Date Analysis Commenced	Aug 15, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.08	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Songkhla
Standard Plate Count *	CFU/100mL	-	-	31	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 D	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<2.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
Bicarbonate Alkalinity as CaCO ₃ *	mg/L	-	1	71	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Carbonate Alkalinity as CaCO ₃ *	mg/L	-	1	<1		Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
^[A] Chloride as Cl	mg/L	0.06	0.2	71.7	≤250.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color *	Color unit	-	5	<5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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Analysis / Test Report

TESTING
No.0166

Lot ID: 2481598

Date Received : Aug 15, 2024

Date Reported : Aug 24, 2024

Report Number : 3091526-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 2 of 3

Sample Number	2481598-2
Sampled Date	Aug 14, 2024 10:10 AM
Sample Description	Consumption Water
Location	Guest Room No.1302
Date Analysis Commenced	Aug 15, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity *	micromhos/cm	-	0.5	451	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2510 B	Songkhla
Hydroxide Alkalinity as CaCO ₃ *	mg/L	-	1	<1		Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Methyl Orange Alkalinity as CaCO ₃ *	mg/L	-	1	71	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Permanent Hardness as CaCO ₃ *	mg/L	-	1	21	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
pH at 25 degree C		-	-	7.6	6.5-8.5	In-house method : STM 13-001 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Songkhla
Phenolphthalein Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Residual Alkalinity *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Temporary Hardness as CaCO ₃ *	mg/L	-	1	71	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 2481598

Date Received : Aug 15, 2024

Date Reported : Aug 24, 2024

Report Number : 3091526-1

Page 3 of 3

Sample Number	2481598-2
Sampled Date	Aug 14, 2024 10:10 AM
Sample Description	Consumption Water
Location	Guest Room No.1302
Date Analysis Commenced	Aug 15, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Alkalinity as CaCO ₃ *	mg/L	-	1	71	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	250	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
^[A] Total Hardness as CaCO ₃	mg/L	-	1	91	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Bangkok
Turbidity	NTU	-	0.1	0.46	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

Sampling By : Thaksin Aintrom , Sakkarin Panpheng

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location:

Lot ID: 2495444

Date Received : Sep 12, 2024

Date Reported : Sep 22, 2024

Report Number : 3108918-1

Page 2 of 8

Sample Number	2495444-2
Sampled Date	Sep 11, 2024 10:20 AM
Sample Description	Consumption Water
Location	Guest Room 1204
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.04	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Songkhla
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Songkhla
Standard Plate Count *	CFU/100mL	-	-	2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 D	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<2.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
Bicarbonate Alkalinity as CaCO ₃ *	mg/L	-	1	71	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Carbonate Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
^[A] Chloride as Cl	mg/L	0.06	0.2	104	≤250.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color *	Color unit	-	5	<5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B	Songkhla

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 2495444

Date Received : Sep 12, 2024

Date Reported : Sep 22, 2024

Report Number : 3108918-1

Page 3 of 8

Sample Number	2495444-2
Sampled Date	Sep 11, 2024 10:20 AM
Sample Description	Consumption Water
Location	Guest Room 1204
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity *	micromhos/cm	-	0.5	493	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Songkhla
Hydroxide Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Methyl Orange Alkalinity as CaCO ₃ *	mg/L	-	1	71	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Permanent Hardness as CaCO ₃ *	mg/L	-	1	13	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
pH at 25 degree C		-	-	7.5	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Phenolphthalein Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Residual Alkalinity *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Temporary Hardness as CaCO ₃ *	mg/L	-	1	71	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Total Alkalinity as CaCO ₃ *	mg/L	-	1	71	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok

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Analysis / Test Report

TESTING
No.0166

Lot ID: 2495444

Date Received : Sep 12, 2024

Date Reported : Sep 22, 2024

Report Number : 3108918-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 4 of 8

Sample Number	2495444-2
Sampled Date	Sep 11, 2024 10:20 AM
Sample Description	Consumption Water
Location	Guest Room 1204
Date Analysis Commenced	Sep 12, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	260	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
^[A] Total Hardness as CaCO ₃	mg/L	-	1	83	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity	NTU	-	0.1	0.50	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 24109715

Date Received : Oct 11, 2024

Date Reported : Oct 29, 2024

Report Number : 3146354-1

Page 1 of 3

Sample Number	24109715-3
Sampled Date	Oct 10, 2024 10:17 AM
Sample Description	Consumption Water
Location	Guest Room (1415)
Date Analysis Commenced	Oct 11, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.04	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Songkhla
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Songkhla
Standard Plate Count *	CFU/100mL	-	-	>200	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 D	Songkhla
Total Coliform	MPN/100mL	-	-	>23	<2.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
Bicarbonate Alkalinity as CaCO ₃ *	mg/L	-	1	61	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Carbonate Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
^[A] Chloride as Cl	mg/L	0.06	0.2	59.5	≤250.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color *	Color unit	-	5	<5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B	Songkhla

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Ananta B.

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 24109715

Date Received : Oct 11, 2024

Date Reported : Oct 29, 2024

Report Number : 3146354-1

Page 2 of 3

Sample Number	24109715-3
Sampled Date	Oct 10, 2024 10:17 AM
Sample Description	Consumption Water
Location	Guest Room (1415)
Date Analysis Commenced	Oct 11, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity *	micromhos/cm	-	0.5	375	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Songkhla
Hydroxide Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Methyl Orange Alkalinity as CaCO ₃ *	mg/L	-	1	61	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Permanent Hardness as CaCO ₃ *	mg/L	-	1	8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
pH at 25 degree C		-	-	7.6	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Phenolphthalein Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Residual Alkalinity *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Temporary Hardness as CaCO ₃ *	mg/L	-	1	61	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Total Alkalinity as CaCO ₃ *	mg/L	-	1	61	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok

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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location:

Lot ID: 24109715

Date Received : Oct 11, 2024

Date Reported : Oct 29, 2024

Report Number : 3146354-1

Page 3 of 3

Sample Number	24109715-3
Sampled Date	Oct 10, 2024 10:17 AM
Sample Description	Consumption Water
Location	Guest Room (1415)
Date Analysis Commenced	Oct 11, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	208	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
^[A] Total Hardness as CaCO ₃	mg/L	-	1	69	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity	NTU	-	0.1	0.45	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
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Analysis / Test Report

TESTING
No.0166

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Lot ID: 24114567

Date Received : Nov 07, 2024

Date Reported : Nov 16, 2024

Report Number : 3167194-1

Page 1 of 3

Sample Number	24114567-2
Sampled Date	Nov 06, 2024 10:15 AM
Sample Description	Consumption Water
Location	Guest Room Room 1416
Date Analysis Commenced	Nov 07, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.04	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Songkhla
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Songkhla
Standard Plate Count *	CFU/100mL	-	-	66	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 D	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<2.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
Bicarbonate Alkalinity as CaCO ₃ *	mg/L	-	1	81	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Carbonate Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
^[A] Chloride as Cl	mg/L	0.06	0.2	72.2	≤250.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color *	Color unit	-	5	<5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B	Songkhla

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Analysis / Test Report

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :
Project Name :
Project Location :

TESTING
No.0166

Lot ID: 24114567

Date Received : Nov 07, 2024

Date Reported : Nov 16, 2024

Report Number : 3167194-1

Page 2 of 3

Sample Number	24114567-2
Sampled Date	Nov 06, 2024 10:15 AM
Sample Description	Consumption Water
Location	Guest Room Room 1416
Date Analysis Commenced	Nov 07, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity *	micromhos/cm	-	0.5	431	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Songkhla
Hydroxide Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Methyl Orange Alkalinity as CaCO ₃ *	mg/L	-	1	81	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Permanent Hardness as CaCO ₃ *	mg/L	-	1	3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
pH at 25 degree C		-	-	7.5	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Phenolphthalein Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Residual Alkalinity *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Temporary Hardness as CaCO ₃ *	mg/L	-	1	81	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Total Alkalinity as CaCO ₃ *	mg/L	-	1	81	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok

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Analysis / Test Report

TESTING
No.0166

Lot ID: 24114567

Date Received : Nov 07, 2024

Date Reported : Nov 16, 2024

Report Number : 3167194-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 3 of 3

Sample Number	24114567-2
Sampled Date	Nov 06, 2024 10:15 AM
Sample Description	Consumption Water
Location	Guest Room Room 1416
Date Analysis Commenced	Nov 07, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	238	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
^[A] Total Hardness as CaCO ₃	mg/L	-	1	84	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity	NTU	-	0.1	0.45	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co.,Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

TESTING
No.0166

Lot ID: 24114583

Date Received : Dec 14, 2024

Date Reported : Dec 24, 2024

Report Number : 3201422-1

Client : Kamala Bay Ventures Co., Ltd.

16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 1 of 3

Sample Number	24114583-2
Sampled Date	Dec 13, 2024 10:30 AM
Sample Description	Consumption Water
Location	Guest Room 9005
Date Analysis Commenced	Dec 14, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	<0.005	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Songkhla
Microbiological Testing							
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, F	Songkhla
Standard Plate Count *	CFU/100mL	-	-	6	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 D	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<2.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
Bicarbonate Alkalinity as CaCO ₃ *	mg/L	-	1	91	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Carbonate Alkalinity as CaCO ₃ *	mg/L	-	1	<1		Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Chloride as Cl	mg/L	0.06	0.2	123	≤250.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color *	Color unit	-	5	<5	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B	Songkhla

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Approved by

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Analysis / Test Report

TESTING
No.0166

Lot ID: 24114583

Date Received : Dec 14, 2024

Date Reported : Dec 24, 2024

Report Number : 3201422-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location :

Page 2 of 3

Sample Number	24114583-2						
Sampled Date	Dec 13, 2024 10:30 AM						
Sample Description	Consumption Water						
Location	Guest Room 9005						
Date Analysis Commenced	Dec 14, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Physical Property	Colorless, odourless, no solid and turbid						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Conductivity *	micromhos/cm	-	0.5	499	No Standard	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Songkhla
Hydroxide Alkalinity as CaCO ₃ *	mg/L	-	1	<1		Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Methyl Orange Alkalinity as CaCO ₃ *	mg/L	-	1	91	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Permanent Hardness as CaCO ₃ *	mg/L	-	1	19	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
pH at 25 degree C		-	-	7.1	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Phenolphthalein Alkalinity as CaCO ₃ *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Residual Alkalinity *	mg/L	-	1	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Temporary Hardness as CaCO ₃ *	mg/L	-	1	91	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Total Alkalinity as CaCO ₃ *	mg/L	-	1	91	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok

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Analysis / Test Report

TESTING

No.0166

Lot ID: 24114583

Date Received : Dec 14, 2024

Date Reported : Dec 24, 2024

Report Number : 3201422-1

Client : Kamala Bay Ventures Co., Ltd.
16/12 Moo 6, Tambon Kamala, Kathu, Phuket Thailand 83150

P/O :

Project Name :

Project Location:

Page 3 of 3

Sample Number	24114583-2
Sampled Date	Dec 13, 2024 10:30 AM
Sample Description	Consumption Water
Location	Guest Room 9005
Date Analysis Commenced	Dec 14, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)
Physical Property	Colorless, odourless, no solid and turbid

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	277	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO ₃	mg/L	-	1	110	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Turbidity	NTU	-	0.1	0.15	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Notification of the Ministry of Public Health No. 61 B.E. 2524 & 135 B.E. 2534 on bottled drinking water (No.2) & 316 B.E. 2553 & Pathogenic 416 B.E. 2563

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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