



Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name :
Project Location : Rosewood Phuket Residences

TESTING
No.0166

Lot ID: 241247
Date Received : Jan 05, 2024
Date Reported : Jan 22, 2024
Report Number : 2877681-1

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Sample Number	241247-1						
Sampled Date	Jan 04, 2024 11:05 AM						
Sample Description	Clean water						
Location	ฟาร์มบ้าน Villa R23 (CW)						
Date Analysis Commenced	Jan 05, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

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, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	2200	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	53.1	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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Approved by

Ananta B.
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1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
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Sample Number	241247-1						
Sampled Date	Jan 04, 2024 11:05 AM						
Sample Description	Clean water						
Location	ฟาร์มบ้าน Villa R23 (CW)						
Date Analysis Commenced	Jan 05, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.3	≤1.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 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
^[A] Residual Free Chlorine	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-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	6.2	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	194	≤1000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	66	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.29	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom

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P/O :

Project Name :

Project Location : Rosewood Phuket Residences



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No.0166

Lot ID: 241247

Date Received : Jan 05, 2024

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- "<" : 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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P/O :

Project Name :

Project Location : Rosewood Phuket Residences



TESTING
No.0166

Lot ID: 241247

Date Received : Jan 05, 2024

Date Reported : Jan 22, 2024

Report Number : 2877681-1

Sample Number 241247-2
Sampled Date Jan 04, 2024 10:45 AM
Sample Description Clean water
Location บ้านนา Villa R26 (CW)
Date Analysis Commenced Jan 05, 2024
Condition of Sample Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.03	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.006	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	120	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	95.6	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name :

Project Location : Rosewood Phuket Residences

Lot ID: 241247

Date Received : Jan 05, 2024

Date Reported : Jan 22, 2024

Report Number : 2877681-1

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Sample Number	241247-2
Sampled Date	Jan 04, 2024 10:45 AM
Sample Description	Clean water
Location	ที่พัก Villa R26 (CW)
Date Analysis Commenced	Jan 05, 2024
Condition of Sample	Contained in 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							
[A] Fluoride as F	mg/L	0.05	0.1	0.4	≤1.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.8	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
[A] Residual Free Chlorine	mg/L	-	0.1	0.2	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500-CI (F)	Bangkok
[A] Sulfate	mg/L	0.15	0.5	26.1	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	407	≤1000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	184	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.91	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom

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No.0166

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1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

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Project Name :

Project Location : Rosewood Phuket Residences

Lot ID: 241247

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TESTING
No.0166
Lot ID: 241247
Date Received : Jan 05, 2024
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Sample Number	241247-3						
Sampled Date	Jan 04, 2024 10:00 AM						
Sample Description	Clean water						
Location	กลิ่นน้ำในอาคารอพฟิต						
Date Analysis Commenced	Jan 05, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.03	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.008	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	2200	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	92.3	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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Sample Number	241247-3						
Sampled Date	Jan 04, 2024 10:00 AM						
Sample Description	Clean water						
Location	กลิ่นน้ำในอาคารอพฟิต						
Date Analysis Commenced	Jan 05, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.4	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	8.0	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
^[A] Residual Free Chlorine	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-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	24.9	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	402	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	173	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.66	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom

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TESTING
No.0166

Lot ID: 241247

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Sample Number	241247-7						
Sampled Date	Jan 04, 2024 10:40 AM						
Sample Description	Clean water						
Location	กลิ่นน้ำของ Villa R26 (HW)						
Date Analysis Commenced	Jan 05, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	8.1	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
^[A] Residual Free Chlorine	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-CI (F)	Bangkok

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom

Remark :

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Analysis / Test Report

Client : EHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name :

Project Location : Rosewood Phuket Residences



TESTING
No.0166

Lot ID: 241247

Date Received : Jan 05, 2024

Date Reported : Jan 22, 2024

Report Number : 2877681-1

Page 11 of 17

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



Analysis / Test Report

Client : EHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name :

Project Location : Rosewood Phuket Residences



TESTING
No.0166

Lot ID: 241247

Date Received : Jan 05, 2024

Date Reported : Jan 22, 2024

Report Number : 2877681-1

Page 12 of 17

Sample Number	241247-8
Sampled Date	Jan 04, 2024 11:00 AM
Sample Description	Clean water
Location	คลองน้ำ Villa R23 (HW)
Date Analysis Commenced	Jan 05, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	48	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	7.7	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
^[A] Residual Free Chlorine	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-Cl (F)	Bangkok

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom

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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Approved by

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Analysis / Test Report

Client : FHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name :

Project Location : Rosewood Phuket Residences

TESTING

No.0166

Lot ID: 241247

Date Received : Jan 05, 2024

Date Reported : Jan 22, 2024

Report Number : 2877681-1

Page 13 of 17

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Analysis / Test Report

TESTING
No.0100

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :

Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925942-1

Page 1 of 3

Sample Number	2416133-1
Sampled Date	Feb 15, 2024 11:35 AM
Sample Description	Clean water
Location	คลองน้ำจืด Villa R23 (CW)
Date Analysis Commenced	Feb 16, 2024
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	Not Detected	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	Not Detected	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	17000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	84.4	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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 : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :

Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925942-1

Page 2 of 3

Sample Number	2416133-1
Sampled Date	Feb 15, 2024 11:35 AM
Sample Description	Clean water
Location	คลองน้ำจืด Villa R23 (CW)
Date Analysis Commenced	Feb 16, 2024
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.4	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	2.7	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 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
Residual Free Chlorine *	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-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	4.5	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	262	<1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	51	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.28	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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Analysis / Test Report

Client : EHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :



TESTING
No.0166

Lot ID: 2416133

Date Received : Feb 16, 2024

Date Reported : Mar 05, 2024

Report Number : 2925942-1

Page 3 of 3

Remark :

- LOD : Limit of Detection
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Analysis / Test Report

Client : EHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :



TESTING
No.0166

Lot ID: 2416133

Date Received : Feb 16, 2024

Date Reported : Mar 05, 2024

Report Number : 2925943-1

Page 1 of 3

Sample Number	2416133-2						
Sampled Date	Feb 15, 2024 11:15 AM						
Sample Description	Clean water						
Location	วิลล่า R26 (CW)						
Date Analysis Commenced	Feb 16, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USFPA)						
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
Manganese	mg/L	0.001	0.005	0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	150	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 D	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	138	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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P/O :
Project Name : Rosewood Phuket Residences
Project Location:

Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925943-1

Page 2 of 3

Sample Number	2416133-2						
Sampled Date	Feb 15, 2024 11:15 AM						
Sample Description	Clean water						
Location	ตึกบ้าน Villa R26 (CW)						
Date Analysis Commenced	Feb 16, 2024						
Condition of Sample	Contained in 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							
[A] Fluoride as F	mg/L	0.05	0.1	0.6	≤1.5	Standard Methods for the examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 D	Bangkok
[A] Nitrate as NO3	mg/L	0.3	1.0	3.3	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.7	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
Residual Free Chlorine *	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-Cl (F)	Bangkok
[A] Sulfate	mg/L	0.15	0.5	31.2	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
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, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	146	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.72	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location:

Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925943-1

Page 3 of 3

Remark :
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- 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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location :

TESTING
No.0166
Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925944-1

Page 1 of 3

Sample Number	2416133-3
Sampled Date	Feb 15, 2024 10:50 AM
Sample Description	Clean water
Location	ห้องน้ำในห้องน้ำ (อาคารออฟฟิศ)
Date Analysis Commenced	Feb 16, 2024
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.03	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.007	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	1200	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	141	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location :

TESTING
No.0166
Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925944-1

Page 2 of 3

Sample Number	2416133-3
Sampled Date	Feb 15, 2024 10:50 AM
Sample Description	Clean water
Location	ห้องน้ำในห้องน้ำ (อาคารออฟฟิศ)
Date Analysis Commenced	Feb 16, 2024
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.6	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	4.3	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	8.0	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
Residual Free Chlorine	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-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	31.7	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	495	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	201	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.60	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location:



TESTING
No.0166
Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925944-1

Page 3 of 3

Remark :
- LOD : Limit of Detection
- "<" : 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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.



Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location:



TESTING
No.0166
Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925948-1

Page 1 of 2

Sample Number 2416133-7
Sampled Date Feb 15, 2024 11:30 AM
Sample Description Clean water
Location ตึกบ้าน Villa R23 (HW)
Date Analysis Commenced Feb 16, 2024
Condition of Sample Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 D, C	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	8.1	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
Residual Free Chlorine *	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-Cl (F)	Bangkok

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :
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P/O :
Project Name : Rosewood Phuket Residences
Project Location:



TESTING
No.0166
Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925948-1

Page 2 of 2

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Project Name : Rosewood Phuket Residences
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TESTING
No.0166
Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925949-1

Page 1 of 2

Sample Number 2416133-8
Sampled Date Feb 15, 2024 11:09 AM
Sample Description Clean water
Location คลองน้ำของ Villa R26 (HW)
Date Analysis Commenced Feb 16, 2024
Condition of Sample Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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 D, f	Songkhla
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	8.3	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
Residual Free Chlorine *	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-Cl (F)	Bangkok

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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P/O :
Project Name : Rosewood Phuket Residences
Project Location:

TESTING
No.0106
Lot ID: 2416133
Date Received : Feb 16, 2024
Date Reported : Mar 05, 2024
Report Number : 2925949-1

Page 2 of 2

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P/O :
Project Name : Rosewood Phuket Residences
Project Location:



TESTING
No.0166
Lot ID: 2420771
Date Received : Mar 27, 2024
Date Reported : Apr 12, 2024
Report Number : 2964549-1

Page 1 of 3

Sample Number	2420771-1						
Sampled Date	Mar 26, 2024 11:06 AM						
Sample Description	Clean water						
Location	วิลล่า R23 (CW)						
Date Analysis Commenced	Mar 27, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.06	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.006	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	≥20	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	94.7	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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P/O :
Project Name : Rosewood Phuket Residences
Project Location:



TESTING
No.0166
Lot ID: 2420771
Date Received : Mar 27, 2024
Date Reported : Apr 12, 2024
Report Number : 2964549-1

Page 2 of 3

Sample Number	2420771-1						
Sampled Date	Mar 26, 2024 11:06 AM						
Sample Description	Clean water						
Location	วิลล่า R23 (CW)						
Date Analysis Commenced	Mar 27, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.3	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	1.9	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.7	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
^[A] Residual Free Chlorine	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-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	8.0	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	260	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	95	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.20	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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P/O :

Project Name : Rosewood Phuket Residences

Project Location :



TESTING
No.0166

Lot ID: 2420771

Date Received : Mar 27, 2024

Date Reported : Apr 12, 2024

Report Number : 2964549-1

Page 3 of 3

Remark :

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Analysis / Test Report

Client : EHC Co., Ltd.

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P/O :

Project Name : Rosewood Phuket Residences

Project Location :



TESTING
No.0166

Lot ID: 2420771

Date Received : Mar 27, 2024

Date Reported : Apr 12, 2024

Report Number : 2964550-1

Page 1 of 3

Sample Number	2420771-2						
Sampled Date	Mar 26, 2024 10:37 AM						
Sample Description	Clean water						
Location	กิโลเมตร Villa R26 (CW)						
Date Analysis Commenced	Mar 27, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.09	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.01	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^{A)} <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/ml	-	-	440	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^{A)} Chloride as Cl	mg/L	0.06	0.2	172	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2420771
Date Received : Mar 27, 2024
Date Reported : Apr 12, 2024
Report Number : 2964550-1

Page 2 of 3

Sample Number	2420771-2						
Sampled Date	Mar 26, 2024 10:37 AM						
Sample Description	Clean water						
Location	วิลล่า Villa R26 (CW)						
Date Analysis Commenced	Mar 27, 2024						
Condition of Sample	Contained in 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							
[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
[A] Nitrate as NO3	mg/L	0.3	1.0	2.3	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.8	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
[A] Residual Free Chlorine	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-Cl (F)	Bangkok
[A] Sulfate	mg/L	0.15	0.5	28.9	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	522	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	218	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.72	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2420771
Date Received : Mar 27, 2024
Date Reported : Apr 12, 2024
Report Number : 2964550-1

Page 3 of 3

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

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2420771
Date Received : Mar 27, 2024
Date Reported : Apr 22, 2024
Report Number : 2964551-1

Page 1 of 3

Sample Number	2420771-3						
Sampled Date	Mar 26, 2024 10:03 AM						
Sample Description	Clean water						
Location	ที่พักในโรงแรม (อาคารอพาร์ท)						
Date Analysis Commenced	Mar 27, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.02	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.01	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/ml	-	-	48000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	in 100 mL	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	165	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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Approved by

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P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2420771
Date Received : Mar 27, 2024
Date Reported : Apr 22, 2024
Report Number : 2964551-1

Page 2 of 3

Sample Number	2420771-3						
Sampled Date	Mar 26, 2024 10:03 AM						
Sample Description	Clean water						
Location	ที่พักในโรงแรม (อาคารอพาร์ท)						
Date Analysis Commenced	Mar 27, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	1.8	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.8	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
^[A] Residual Free Chlorine	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 - Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	28.9	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	503	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	224	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.44	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location:



TESTING
No.0166

Lot ID: 2420771

Date Received : Mar 27, 2024

Date Reported : Apr 22, 2024

Report Number : 2964551-1

Page 3 of 3

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Analysis / Test Report

Client : EHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location:



TESTING
No.0166

Lot ID: 2420771

Date Received : Mar 27, 2024

Date Reported : Apr 12, 2024

Report Number : 2964555-1

Page 1 of 2

Page 1 of 1

Sample Number	2420771-7						
Sampled Date	Mar 26, 2024 10:55 AM						
Sample Description	Clean water						
Location	ใกล้บ้าน Villa R23 (HW)						
Date Analysis Commenced	Mar 27, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^{A)} <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	7.9	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
Residual Free Chlorine *	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-CI (F)	Bangkok

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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Project Name : Rosewood Phuket Residences
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TESTING
No.0166
Lot ID: 2420771
Date Received : Mar 27, 2024
Date Reported : Apr 12, 2024
Report Number : 2964555-1

Page 2 of 2

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P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 2420771
Date Received : Mar 27, 2024
Date Reported : Apr 12, 2024
Report Number : 2964556-1

Page 1 of 2

Sample Number 2420771-8
Sampled Date Mar 26, 2024 10:31 AM
Sample Description Clean water
Location คลองน้ำผ่อง Villa R26 (HW)
Date Analysis Commenced Mar 27, 2024
Condition of Sample Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	8.6	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
Residual Free Chlorine *	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-CI (F)	Bangkok

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panphitong

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Project Name : Rosewood Phuket Residences
Project Location:

TESTING
No.0166
Lot ID: 2420771
Date Received : Mar 27, 2024
Date Reported : Apr 12, 2024
Report Number : 2964556-1

Page 2 of 2

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1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2442020
Date Received : Jun 01, 2024
Date Reported : Jun 18, 2024
Report Number : 3027964-1

Page 1 of 3

Sample Number	2442020-1						
Sampled Date	May 31, 2024 10:20 AM						
Sample Description	Clean water						
Location	คฤหาสน์ Villa R23 (CW)						
Date Analysis Commenced	Jun 01, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

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, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	Not Detected	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	102	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

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P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2442020
Date Received : Jun 01, 2024
Date Reported : Jun 18, 2024
Report Number : 3027964-1

Page 2 of 3

Sample Number	2442020-1						
Sampled Date	May 31, 2024 10:20 AM						
Sample Description	Clean water						
Location	คฤหาสน์ Villa R23 (CW)						
Date Analysis Commenced	Jun 01, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.3	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.5	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
^[A] Residual Free Chlorine	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-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	11.8	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	312	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	77	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.22	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetka

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Analysis / Test Report

Client : EHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :



TESTING
No.0166

Lot ID: 2442020

Date Received : Jun 01, 2024

Date Reported : Jun 18, 2024

Report Number : 3027964-1

Page 3 of 3

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1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :



TESTING
No.0166

Lot ID: 2442020

Date Received : Jun 01, 2024

Date Reported : Jun 18, 2024

Report Number : 3027965-1

Page 1 of 3

Sample Number	2442020-2						
Sampled Date	May 31, 2024 11:10 AM						
Sample Description	Clean water						
Location	คึกคัก Villa R26 (CW)						
Date Analysis Commenced	Jun 01, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.03	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	170	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Ananta Boonphet
Scientist (2)

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2442020
Date Received : Jun 01, 2024
Date Reported : Jun 18, 2024
Report Number : 3027965-1

Page 2 of 3

Sample Number	2442020-2
Sampled Date	May 31, 2024 11:10 AM
Sample Description	Clean water
Location	คัลล่อน วิลลา R26 (CW)
Date Analysis Commenced	Jun 01, 2024
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.7	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
^[A] Residual Free Chlorine	mg/L	-	0.1	1.3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	46.0	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	580	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	204	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.35	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetka

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2442020
Date Received : Jun 01, 2024
Date Reported : Jun 18, 2024
Report Number : 3027965-1

Page 3 of 3

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.

Approved by

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2442020
Date Received : Jun 01, 2024
Date Reported : Jun 18, 2024
Report Number : 3027966-1

Page 1 of 3

Sample Number	2442020-3						
Sampled Date	May 31, 2024 11:50 AM						
Sample Description	Clean water						
Location	คลองน้ำในพองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Jun 01, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

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, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	163	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2442020
Date Received : Jun 01, 2024
Date Reported : Jun 18, 2024
Report Number : 3027966-1

Page 2 of 3

Sample Number	2442020-3						
Sampled Date	May 31, 2024 11:50 AM						
Sample Description	Clean water						
Location	คลองน้ำในพองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Jun 01, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.8	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
^[A] Residual Free Chlorine	mg/L	-	0.1	1.8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	45.2	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	559	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	207	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.47	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetka

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Analysis / Test Report

TESTING
No.0166

Client : EHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :

Lot ID: 2442020

Date Received : Jun 01, 2024

Date Reported : Jun 18, 2024

Report Number : 3027966-1

Page 3 of 3

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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2457538
Date Received : Jun 20, 2024
Date Reported : Jul 06, 2024
Report Number : 3046869-1

Page 1 of 3

Sample Number	2457538-1						
Sampled Date	Jun 19, 2024 11:41 AM						
Sample Description	Clean water						
Location	คฤหาสน์ Villa R23 (CW)						
Date Analysis Commenced	Jun 20, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

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, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	Not Detected	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	76.6	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2457538
Date Received : Jun 20, 2024
Date Reported : Jul 06, 2024
Report Number : 3046869-1

Page 2 of 3

Sample Number	2457538-1						
Sampled Date	Jun 19, 2024 11:41 AM						
Sample Description	Clean water						
Location	คฤหาสน์ Villa R23 (CW)						
Date Analysis Commenced	Jun 20, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.3	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	Not Detected	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C		-	-	7.8	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
Residual Free Chlorine *	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-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	5.8	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	243	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	89	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.17	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 2457538
Date Received : Jun 20, 2024
Date Reported : Jul 06, 2024
Report Number : 3046869-1

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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Page 3 of 3



Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 2457538
Date Received : Jun 20, 2024
Date Reported : Jul 06, 2024
Report Number : 3046870-1

Page 1 of 3

Sample Number	2457538-2						
Sampled Date	Jun 19, 2024 11:08 AM						
Sample Description	Clean water						
Location	คึกคักของ Villa R26 (CW)						
Date Analysis Commenced	Jun 20, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.02	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	Not Detected	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^(A) <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	60	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^(A) Chloride as Cl	mg/L	0.06	0.2	132	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2457538
Date Received : Jun 20, 2024
Date Reported : Jul 06, 2024
Report Number : 3046870-1

Page 2 of 3

Sample Number	2457538-2						
Sampled Date	Jun 19, 2024 11:08 AM						
Sample Description	Clean water						
Location	คัลลันทอง Villa R26 (CW)						
Date Analysis Commenced	Jun 20, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.4	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	Not Detected	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.8	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
Residual Free Chlorine *	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-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	32.5	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	495	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	203	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.38	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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Approved by

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19441-21/ BM4IL



Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2457538
Date Received : Jun 20, 2024
Date Reported : Jul 06, 2024
Report Number : 3046870-1

Page 3 of 3

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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2457538
Date Received : Jun 20, 2024
Date Reported : Jul 06, 2024
Report Number : 3046871-1

Page 1 of 3

Sample Number	2457538-3						
Sampled Date	Jun 19, 2024 10:32 AM						
Sample Description	Clean water						
Location	คลองน้ำในพองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Jun 20, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.02	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	Not Detected	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	610	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	in 100 mL	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	143	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2457538
Date Received : Jun 20, 2024
Date Reported : Jul 06, 2024
Report Number : 3046871-1

Page 2 of 3

Sample Number	2457538-3						
Sampled Date	Jun 19, 2024 10:32 AM						
Sample Description	Clean water						
Location	คลองน้ำในพองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Jun 20, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.9	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
Residual Free Chlorine *	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-Cl (F)	Bangkok
^[A] Sulfate	mg/L	0.15	0.5	29.9	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	530	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	189	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.30	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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Analysis / Test Report

Client : EHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :

TESTING

No.0166

Lot ID: 2457538

Date Received : Jun 20, 2024

Date Reported : Jul 06, 2024

Report Number : 3046871-1

Page 3 of 3

Remark :

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- "<" : 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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2470104
Date Received : Jul 24, 2024
Date Reported : Aug 10, 2024
Report Number : 3077491-1

Page 1 of 3

Sample Number	2470104-1
Sampled Date	Jul 23, 2024 10:55 AM
Sample Description	Clean water
Location	คอกน้ำของ Villa R23 (CW)
Date Analysis Commenced	Jul 24, 2024
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	132	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2470104
Date Received : Jul 24, 2024
Date Reported : Aug 10, 2024
Report Number : 3077491-1

Page 2 of 3

Sample Number	2470104-1
Sampled Date	Jul 23, 2024 10:55 AM
Sample Description	Clean water
Location	คอกน้ำของ Villa R23 (CW)
Date Analysis Commenced	Jul 24, 2024
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.8	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
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	37.2	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	541	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	303	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.26	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในประปาหมู่บ้าน ไม่น้อยกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2470104
Date Received : Jul 24, 2024
Date Reported : Aug 10, 2024
Report Number : 3077491-1

Page 3 of 3

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :
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- "<" : 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

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1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
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Project Location :



TESTING
No.0166

Lot ID: 2470104
Date Received : Jul 24, 2024
Date Reported : Aug 10, 2024
Report Number : 3077492-1

Page 1 of 3

Sample Number : 2470104-2
Sampled Date : Jul 23, 2024 11:30 AM
Sample Description : Clean water
Location : วิลล่าของ Villa R26 (CW)
Date Analysis Commenced : Jul 24, 2024
Condition of Sample : Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.009	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	2	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	134	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

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P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2470104
Date Received : Jul 24, 2024
Date Reported : Aug 10, 2024
Report Number : 3077492-1

Page 2 of 3

Sample Number : 2470104-2
Sampled Date : Jul 23, 2024 11:30 AM
Sample Description : Clean water
Location : อาคาร Villa R26 (CW)
Date Analysis Commenced : Jul 24, 2024
Condition of Sample : Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.9	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
Residual Free Chlorine	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-CI (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	37.8	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	524	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	298	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.24	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

ค่าอนิยัสระคดเพ็ลลัในระบมจัณำประภำ นำนัคครำ 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2470104
Date Received : Jul 24, 2024
Date Reported : Aug 10, 2024
Report Number : 3077492-1

Page 3 of 3

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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2470104
Date Received : Jul 24, 2024
Date Reported : Aug 10, 2024
Report Number : 3077493-1

Page 1 of 3

Sample Number	2470104-3						
Sampled Date	Jul 23, 2024 10:00 AM						
Sample Description	Clean water						
Location	คลองน้ำในฟองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Jul 24, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.007	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F	Songkhla
Fecal Coliform	in 100 mL	-	-	Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	180	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	in 100 mL	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	158	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2470104
Date Received : Jul 24, 2024
Date Reported : Aug 10, 2024
Report Number : 3077493-1

Page 2 of 3

Sample Number	2470104-3						
Sampled Date	Jul 23, 2024 10:00 AM						
Sample Description	Clean water						
Location	คลองน้ำในฟองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Jul 24, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	8.0	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
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	37.5	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	530	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	179	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.32	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

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Analysis / Test Report

TESTING
No.0166

Client : EHC Co., Ltd.

1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :

Lot ID: 2470104

Date Received : Jul 24, 2024

Date Reported : Aug 10, 2024

Report Number : 3077493-1

Page 3 of 3

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 2481393
Date Received : Aug 20, 2024
Date Reported : Sep 05, 2024
Report Number : 3101597-1

Page 1 of 3

Sample Number	2481393-1
Sampled Date	Aug 19, 2024 11:15 AM
Sample Description	Clean water
Location	ตึกน้ำจืด Villa R23 (CW)
Date Analysis Commenced	Aug 20, 2024
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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, 23rd ed., 2017, part 3125 D, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	54000	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	130	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 2481393
Date Received : Aug 20, 2024
Date Reported : Sep 05, 2024
Report Number : 3101597-1

Page 2 of 3

Sample Number	2481393-1
Sampled Date	Aug 19, 2024 11:15 AM
Sample Description	Clean water
Location	ตึกน้ำจืด Villa R23 (CW)
Date Analysis Commenced	Aug 20, 2024
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.7	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
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	32.8	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	532	<1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	241	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.20	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
ค่าอนินทรีย์สารคงเหลือในกระบวนการบำบัดน้ำไม่เกินค่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 2481393
Date Received : Aug 20, 2024
Date Reported : Sep 05, 2024
Report Number : 3101597-1

Page 3 of 3

Sampling By : Sakkarin Panpheng

Remark :

- LOD : Limit of Detection
- "c" : 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, DMS 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

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1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 2481393
Date Received : Aug 20, 2024
Date Reported : Sep 05, 2024
Report Number : 3101598-1

Page 1 of 3

Sample Number 2481393-2
Sampled Date Aug 19, 2024 10:40 AM
Sample Description Clean water
Location ทึกน้ำของ Villa R26 (CW)
Date Analysis Commenced Aug 20, 2024
Condition of Sample Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.02	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	15	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	130	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location :

TESTING
No.0166
Lot ID: 2481393
Date Received : Aug 20, 2024
Date Reported : Sep 05, 2024
Report Number : 3101598-1

Page 2 of 3

Sample Number	2481393-2
Sampled Date	Aug 19, 2024 10:40 AM
Sample Description	Clean water
Location	คลองน้ำจืด Villa R26 (CW)
Date Analysis Commenced	Aug 20, 2024
Condition of Sample	Contained in 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							
[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
[A] Nitrate as NO3	mg/L	0.3	1.0	Not Detected	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.8	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
Residual Free Chlorine	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-Cl (F)	Songkhla
[A] Sulfate	mg/L	0.15	0.5	32.7	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	522	<1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	236	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.28	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
ค่าอนันตจะคงเหลือในระบอบการประปา ไม่เกินกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location :

TESTING
No.0166
Lot ID: 2481393
Date Received : Aug 20, 2024
Date Reported : Sep 05, 2024
Report Number : 3101598-1

Page 3 of 3

Sampling By : Sakkarin Panpheng

Remark :

- LOD : Limit of Detection
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Analysis / Test Report

TESTING
No.0166

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location :

Lot ID: 2481393
Date Received : Aug 20, 2024
Date Reported : Sep 05, 2024
Report Number : 3101599-1

Page 1 of 3

Sample Number	2481393-3
Sampled Date	Aug 19, 2024 10:01 AM
Sample Description	Clean water
Location	คลองน้ำในถ้องน้ำ (อาคารอพฟิต)
Date Analysis Commenced	Aug 20, 2024
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

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, 23rd ed., 2017, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	340	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	in 100 mL	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	138	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B	Songkhla

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

TESTING
No.0166

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location :

Lot ID: 2481393
Date Received : Aug 20, 2024
Date Reported : Sep 05, 2024
Report Number : 3101599-1

Page 2 of 3

Sample Number	2481393-3
Sampled Date	Aug 19, 2024 10:01 AM
Sample Description	Clean water
Location	คลองน้ำในถ้องน้ำ (อาคารอพฟิต)
Date Analysis Commenced	Aug 20, 2024
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.6	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 D	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.9	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
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	30.9	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	502	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	186	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.40	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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TESTING
No.0166

Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :
Project Name : Rosewood Phuket Residences
Project Location:

Lot ID: 2481393
Date Received : Aug 20, 2024
Date Reported : Sep 05, 2024
Report Number : 3101599-1

Page 3 of 3

Sampling By : 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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128610-1

Page 1 of 3

Sample Number	2495207-1						
Sampled Date	Sep 17, 2024 12:00 PM						
Sample Description	Clean water						
Location	คอกน้ำของ Villa R23 (CW)						
Date Analysis Commenced	Sep 18, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.02	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.008	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	4500	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	100	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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 : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128610-1

Page 2 of 3

Sample Number	2495207-1						
Sampled Date	Sep 17, 2024 12:00 PM						
Sample Description	Clean water						
Location	คอกน้ำของ Villa R23 (CW)						
Date Analysis Commenced	Sep 18, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.2	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.8	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	28.7	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	484	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	31	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.20	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetcha

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128610-1

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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128611-1

Page 1 of 3

Sample Number	2495207-2						
Sampled Date	Sep 17, 2024 11:15 AM						
Sample Description	Clean water						
Location	คึกคัก Villa R26 (CW)						
Date Analysis Commenced	Sep 18, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.001	0.005	0.02	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^(A) <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	340	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^(A) Chloride as Cl	mg/L	0.06	0.2	107	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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 : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128611-1

Page 2 of 3

Sample Number	2495207-2						
Sampled Date	Sep 17, 2024 11:15 AM						
Sample Description	Clean water						
Location	คฤหาสน์ Villa R26 (CW)						
Date Analysis Commenced	Sep 18, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.2	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.9	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	28.9	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	480	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	232	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.25	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

ค่าอนันต์ระบุผลได้ในระบบจำแนกประเภท ไม่นับค่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetcha

Approved by

Ananta ฿

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128611-1

Page 3 of 3

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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128612-1

Page 1 of 3

Sample Number	2495207-3						
Sampled Date	Sep 17, 2024 10:30 AM						
Sample Description	Clean water						
Location	คลองน้ำในฟองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Sep 18, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

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, 24th ed., 2023, part 3125 B,3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.02	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	140	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	in 100 mL	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	128	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B	Songkhla

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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19441-21/ EMAIL



Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128612-1

Page 2 of 3

Sample Number	2495207-3						
Sampled Date	Sep 17, 2024 10:30 AM						
Sample Description	Clean water						
Location	คลองน้ำในฟองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Sep 18, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.4	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	8.0	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	30.4	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
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 Hardness as CaCO3	mg/L	-	1	173	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	1.40	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetcha

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128612-1

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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Page 3 of 3



Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128616-1

Sample Number : 2495207-7
Sampled Date : Sep 17, 2024 11:49 AM
Sample Description : Clean water
Location : วิลล่าของ Villa R23 (HW)
Date Analysis Commenced : Sep 18, 2024
Condition of Sample : Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	3	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	8.0	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในประปาไม่เกิน 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetcha

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 : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :

Lot ID: 2495207
Date Received : Sep 18, 2024
Date Reported : Oct 03, 2024
Report Number : 3128617-1

Page 1 of 1

Sample Number	2495207-8						
Sampled Date	Sep 17, 2024 11:05 AM						
Sample Description	Clean water						
Location	คฤหาสน์ Villa R26 (HW)						
Date Analysis Commenced	Sep 18, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	7.9	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
ค่าเฉลี่ยระดับความเค็มในธรรมชาติไม่เกิน 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :
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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24110341
Date Received : Oct 23, 2024
Date Reported : Nov 08, 2024
Report Number : 3159900-1

Page 1 of 3

Sample Number	24110341-1						
Sampled Date	Oct 22, 2024 11:35 AM						
Sample Description	Clean water						
Location	คอกน้ำของ Villa R23 (CW)						
Date Analysis Commenced	Oct 23, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0,001	0,005	0,009	≤0,3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0,001	0,005	0,007	≤0,1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	2	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0,06	0,2	114	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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 : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24110341
Date Received : Oct 23, 2024
Date Reported : Nov 08, 2024
Report Number : 3159900-1

Page 2 of 3

Sample Number	24110341-1						
Sampled Date	Oct 22, 2024 11:35 AM						
Sample Description	Clean water						
Location	คอกน้ำของ Villa R23 (CW)						
Date Analysis Commenced	Oct 23, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
^[A] Fluoride as F	mg/L	0,05	0,1	0,6	≤1,5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0,3	1,0	Not Detected	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 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
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0,15	0,5	31,9	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	456	≤1000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	244	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0,1	0,20	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

คลอรีนอิสระคงเหลือในระบมงานำประปา ไม่ต่ำกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Sakkarin Panpheng , Furakan Kasetka

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :



TESTING
No.0166

Lot ID: 24110341
Date Received : Oct 23, 2024
Date Reported : Nov 08, 2024
Report Number : 3159900-1

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.

Page 3 of 3



Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :



TESTING
No.0166

Lot ID: 24110341
Date Received : Oct 23, 2024
Date Reported : Nov 08, 2024
Report Number : 3159901-1

Page 1 of 3

Sample Number	24110341-2						
Sampled Date	Oct 22, 2024 10:35 AM						
Sample Description	Clean water						
Location	คึกคักของ Villa R26 (CW)						
Date Analysis Commenced	Oct 23, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0,001	0,005	0,02	≤0,3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Songkhla
Manganese	mg/L	0,001	0,005	0,04	≤0,1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	260	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0,06	0,2	114	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	10	≤15	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 : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24110341
Date Received : Oct 23, 2024
Date Reported : Nov 08, 2024
Report Number : 3159901-1

Page 2 of 3

Sample Number	24110341-2						
Sampled Date	Oct 22, 2024 10:35 AM						
Sample Description	Clean water						
Location	คฤหาสน์ของ Villa R26 (CW)						
Date Analysis Commenced	Oct 23, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
^[A] Fluoride as F	mg/L	0,05	0,1	0,5	≤1,5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0,3	1,0	Not Detected	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 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
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0,15	0,5	32,1	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	471	≤1000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	259	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0,1	0,70	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

ค่าเฉลี่ยของผลทดสอบในปริมาณน้ำที่นำส่ง 0,2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate,

Sampling By : Sakkarin Panpheng , Furakan Kasetka

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the Laboratory, ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Ananta ₪

Ananta Boonphet
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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24110341
Date Received : Oct 23, 2024
Date Reported : Nov 08, 2024
Report Number : 3159901-1

Page 3 of 3

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.

Approved by

Ananta ₪

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24110341
Date Received : Oct 23, 2024
Date Reported : Nov 08, 2024
Report Number : 3159902-1

Page 1 of 3

Sample Number	24110341-3						
Sampled Date	Oct 22, 2024 10:00 AM						
Sample Description	Clean water						
Location	คอกน้ำในฟล่องน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Oct 23, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0,001	0,005	0,007	≤0,3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0,001	0,005	<0,005	≤0,1	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
Fecal Coliform	in 100 mL	-	-	Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	510	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	in 100 mL	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0,06	0,2	160	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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 : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24110341
Date Received : Oct 23, 2024
Date Reported : Nov 08, 2024
Report Number : 3159902-1

Page 2 of 3

Sample Number	24110341-3						
Sampled Date	Oct 22, 2024 10:00 AM						
Sample Description	Clean water						
Location	คอกน้ำในฟล่องน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Oct 23, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
^[A] Fluoride as F	mg/L	0,05	0,1	0,5	≤1,5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0,3	1,0	1,2	≤50	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	8,0	6,5-8,5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0,15	0,5	40,6	≤250	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	474	≤1000	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	198	≤300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0,1	0,25	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

คลอรีนอิสระคงเหลือในธรรมชาติประมาณ 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Sakkarin Panpheng , Furakan Kasetka

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Analysis / Test Report

TESTING
No.0166

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260

P/O :

Project Name : Rosewood Phuket Residences

Project Location :

Lot ID: 24110341

Date Received : Oct 23, 2024

Date Reported : Nov 08, 2024

Report Number : 3159902-1

Page 3 of 3

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

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183466-1

Page 1 of 3

Sample Number	24119839-1						
Sampled Date	Nov 19, 2024 11:30 AM						
Sample Description	Clean water						
Location	คอกน้ำของ Villa R23 (CW)						
Date Analysis Commenced	Nov 20, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

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
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	56	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	67.1	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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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Chompoonuch Funtha
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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183466-1

Page 2 of 3

Sample Number	24119839-1						
Sampled Date	Nov 19, 2024 11:30 AM						
Sample Description	Clean water						
Location	คอกน้ำของ Villa R23 (CW)						
Date Analysis Commenced	Nov 20, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.3	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	2.2	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.9	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	16.2	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	428	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	144	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.20	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetcha

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183466-1

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.

Page 3 of 3



Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183467-1

Sample Number : 24119839-2
Sampled Date : Nov 19, 2024 10:50 AM
Sample Description : Clean water
Location : วิลล่าของ Villa R26 (CW)
Date Analysis Commenced : Nov 20, 2024
Condition of Sample : Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Page 1 of 3

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, 24th ed., 2023, part 3125 B,3030 F	Songkhla
Manganese	mg/L	0.001	0.005	0.009	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	11	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	66.7	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	10	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B	Songkhla

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Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Chompoonuch F.

Chompoonuch Funtha
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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183467-1

Page 2 of 3

Sample Number	24119839-2						
Sampled Date	Nov 19, 2024 10:50 AM						
Sample Description	Clean water						
Location	คฤหาสน์ของ Villa R26 (CW)						
Date Analysis Commenced	Nov 20, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.1	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	1.5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.9	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	2.1	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	408	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	148	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.65	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

ค่าเฉลี่ยของผลวิเคราะห์ในระบบงานน้ำประปา ไม่เกินกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetcha

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183467-1

Page 3 of 3

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.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183468-1

Page 1 of 3

Sample Number	24119839-3						
Sampled Date	Nov 19, 2024 10:10 AM						
Sample Description	Clean water						
Location	คลองน้ำในฟองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Nov 20, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

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
Manganese	mg/L	0.001	0.005	<0.005	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	340	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	in 100 mL	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	88.9	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2120 B	Songkhla

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Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183468-1

Page 2 of 3

Sample Number	24119839-3						
Sampled Date	Nov 19, 2024 10:10 AM						
Sample Description	Clean water						
Location	คลองน้ำในฟองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Nov 20, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.3	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	2.5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.8	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	23.9	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	454	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	167	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.25	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetcha

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183468-1

Remark :
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Analysis / Test Report

Client : EHC Co., Ltd.
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P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183472-1

Page 1 of 1

Sample Number	24119839-7						
Sampled Date	Nov 19, 2024 11:25 AM						
Sample Description	Clean water						
Location	คึกคัก Villa R23 (HW)						
Date Analysis Commenced	Nov 20, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
<i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	16	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	7.8	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในประปาไม่เกิน 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :
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Chompoonuch F.

Chompoonuch Funtha
Supervisor

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Analysis / Test Report

TESTING
No.0166

Client : EHC Co., Ltd.
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P/O :
Project Name : Rosewood Phuket Residences
Project Location :

Lot ID: 24119839
Date Received : Nov 20, 2024
Date Reported : Dec 06, 2024
Report Number : 3183473-1

Page 1 of 1

Sample Number	24119839-8
Sampled Date	Nov 19, 2024 10:40 AM
Sample Description	Clean water
Location	คอกน้ำของ Villa R26 (HW)
Date Analysis Commenced	Nov 20, 2024
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
<i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	8.1	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
ค่าเฉลี่ยของผลทดสอบในระยะเวลา 1 เดือนต่ำกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :
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Chompoonuch Funtha
Supervisor

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P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204748-1

Page 1 of 3

Sample Number	24119842-1						
Sampled Date	Dec 12, 2024 10:48 AM						
Sample Description	Clean water						
Location	คฤหาสน์ Villa R23 (CW)						
Date Analysis Commenced	Dec 13, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	Not Detected	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Songkhla
Manganese	mg/L	0.0003	0.0005	0.002	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
<i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	8	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
Chloride as Cl	mg/L	0.06	0.2	168	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204748-1

Page 2 of 3

Sample Number	24119842-1						
Sampled Date	Dec 12, 2024 10:48 AM						
Sample Description	Clean water						
Location	คฤหาสน์ Villa R23 (CW)						
Date Analysis Commenced	Dec 13, 2024						
Condition of Sample	Contained in 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							
Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Nitrate as NO3	mg/L	0.3	1.0	<1.0	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.8	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
Sulfate	mg/L	0.15	0.5	33.3	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	432	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	169	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.20	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

คลอรีนอิสระคงเหลือในระบบจ่ายน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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Approved by

Ananta B

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204748-1

Page 3 of 3

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204749-1

Page 1 of 3

Sample Number	24119842-2						
Sampled Date	Dec 12, 2024 10:20 AM						
Sample Description	Clean water						
Location	คึกคักของ Villa R26 (CW)						
Date Analysis Commenced	Dec 13, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.02	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Songkhla
Manganese	mg/L	0.0003	0.0005	0.002	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^(A) <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	4	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
^(A) Chloride as Cl	mg/L	0.06	0.2	173	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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 : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204749-1

Page 2 of 3

Sample Number	24119842-2						
Sampled Date	Dec 12, 2024 10:20 AM						
Sample Description	Clean water						
Location	คอกน้ำของ Villa R26 (CW)						
Date Analysis Commenced	Dec 13, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.5	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO ₃	mg/L	0.3	1.0	3.8	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.8	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	33.5	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	430	≤1000	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	171	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.35	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

ค่าอนันตจะคงเหลือในระบบจ่ายน้ำประปา ไม่เกินกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Approved by

Ananta ₪

Ananta Boonphet
Scientist (2)

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204749-1

Page 3 of 3

Remark :
- LOD : Limit of Detection
- "<" : 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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204750-1

Page 1 of 3

Sample Number	24119842-3						
Sampled Date	Dec 12, 2024 9:40 AM						
Sample Description	Clean water						
Location	คลองน้ำในฟองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Dec 13, 2024						
Condition of Sample	Contained in six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.02	≤0.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Songkhla
Manganese	mg/L	0.0003	0.0005	0.002	≤0.1	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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	320	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	in 100 mL	-	-	Detected	Not Detected	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	189	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	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 : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166

Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204750-1

Page 2 of 3

Sample Number	24119842-3						
Sampled Date	Dec 12, 2024 9:40 AM						
Sample Description	Clean water						
Location	คลองน้ำในฟองน้ำ (อาคารออฟฟิศ)						
Date Analysis Commenced	Dec 13, 2024						
Condition of Sample	Contained in 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							
^[A] Fluoride as F	mg/L	0.05	0.1	0.6	≤1.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
^[A] Nitrate as NO3	mg/L	0.3	1.0	2.5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
pH at 25 degree C	-	-	-	8.0	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	50.7	≤250	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	438	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	170	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.30	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565

คลอรีนอิสระคงเหลือในระบมจากน้ำประปา ไม่น้อยกว่า 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204750-1

Remark :
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Analysis / Test Report

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :



TESTING
No.0166
Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204754-1

Sample Number	24119842-7						
Sampled Date	Dec 12, 2024 10:42 AM						
Sample Description	Clean water						
Location	คึกคัก Villa R23 (HW)						
Date Analysis Commenced	Dec 13, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	<1	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
pH at 25 degree C		-	-	8.2	6.5-8.5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Residual Free Chlorine	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-Cl (F)	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
คลอรีนอิสระคงเหลือในประปาไม่เกิน 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :
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- "<" : 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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Analysis / Test Report

TESTING
No.0166

Client : EHC Co., Ltd.
1741, Lasalle Road, Bangna Tai, Bang Na, Bangkok Thailand 10260
P/O :
Project Name : Rosewood Phuket Residences
Project Location :

Lot ID: 24119842
Date Received : Dec 13, 2024
Date Reported : Dec 30, 2024
Report Number : 3204755-1

Page 1 of 1

Sample Number	24119842-8						
Sampled Date	Dec 12, 2024 10:15 AM						
Sample Description	Clean water						
Location	คอกน้ำคลอง Villa R26 (HW)						
Date Analysis Commenced	Dec 13, 2024						
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
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
Fecal Coliform	in 100 mL	-	-	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E	Songkhla
^[A] <i>Legionella spp.</i>	CFU/L	-	-	<1	No Standard	ISO 11731 (2017)	Bangkok
Standard Plate Count	CFU/mL	-	-	18	No Standard	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9215 B	Songkhla
Total Coliform	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	Songkhla
Water Testing							
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
Residual Free Chlorine	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-Cl (F)	Songkhla

Guideline : Water quality standards of the Provincial Waterworks Authority B.E.2565
ค่าเฉลี่ยของผลทดสอบในกระบอกเพาะเชื้อแบคทีเรียไม่เกิน 0.2 mg/L

Note : Microbiological Testing Result <1 mean Bacteria not found in agar plate.

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :
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