



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 :

Sample Number	2457530-1						
Sampled Date	Jul 03, 2024 10:00 AM						
Sample Description	Sea Water						
Location	50 ม. จากแนวชายฝั่งจุดที่ 1 ด้านทิศตะวันออก (GPS: 47N 420422 871945)						
Date Analysis Commenced	Jul 04, 2024						
Condition of Sample	Contained in two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	CFU/100mL	-	-	1	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9222 D	Songkhla
Total Coliform	MPN/100mL	-	-	4.5	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
Dissolved Oxygen *	mg/L	-	0.1	6.2	≥4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Songkhla
Nitrate as N *	mg/L	0.003	0.02	0.05	≤0.06	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 E	Bangkok
pH at 25 degree C *		-	-	7.9	7.0-8.5	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
Phosphate as P *	mg/L	0.005	0.01	<0.01	≤0.015	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P (E)	Bangkok
Salinity *	ppt	-	-	31.9	Change from lower salinity not more than 10%	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2520 B	Songkhla
Temperature *	Degree C	-	-	30.1	Change from natural condition not more than 2 degree C	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Songkhla

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 4)



TESTING
No.0166

Lot ID: 2457530

Date Received : Jul 04, 2024

Date Reported : Jul 10, 2024

Report Number : 2998531-1

Page 1 of 4



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 :

Sampling By : Thaksin Aintrom , Furakan Kasetka
Remark : <ul style="list-style-type: none">- LOD : Limit of Detection- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Page 2 of 4



TESTING
No.0166

Lot ID: 2457530

Date Received : Jul 04, 2024

Date Reported : Jul 10, 2024

Report Number : 2998531-1

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
Scientist (2)

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
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

S:\Reports\AI_GL.rpt (3:30PM)

19441-21/ BMAL

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

S:\Reports\AI_GL.rpt (3:30PM)

19441-21/ BMAL



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: 2457530
Date Received : Jul 04, 2024
Date Reported : Jul 10, 2024
Report Number : 2998531-1

Page 3 of 4

Sample Number	2457530-2						
Sampled Date	Jul 03, 2024 10:45 AM						
Sample Description	Sea Water						
Location	50 ม. จากแนวชายฝั่งจุดที่ 2 ด้านทิศตะวันตก (GPS: 47N 419951 871900)						
Date Analysis Commenced	Jul 04, 2024						
Condition of Sample	Contained in two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	CFU/100mL	-	-	<1	≤100	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9222 D	Songkhla
Total Coliform	MPN/100mL	-	-	<1.8	≤1000	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B	Songkhla
Water Testing							
Dissolved Oxygen *	mg/L	-	0.1	6.3	≥4	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C)	Songkhla
Nitrate as N *	mg/L	0.003	0.02	0.05	≤0.06	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 E	Bangkok
pH at 25 degree C *		-	-	8.0	7.0-8.5	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
Phosphate as P *	mg/L	0.005	0.01	<0.01	≤0.015	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-P (E)	Bangkok
Salinity *	ppt	-	-	32.0	Change from lower salinity not more than 10%	Based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2520 B	Songkhla
Temperature *	Degree C	-	-	30.0	Change from natural condition not more than 2 degree C	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Songkhla

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 4)

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
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

S:\Reports\AI_GL.rpt (3:30PM)

19441-21/ BMAIL



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: 2457530
Date Received : Jul 04, 2024
Date Reported : Jul 10, 2024
Report Number : 2998531-1

Page 4 of 4

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

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
Scientist (2)

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

S:\Reports\AI_GL.rpt (3:30PM)

19441-21/ BMAIL



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: 24119834
Date Received : Nov 27, 2024
Date Reported : Dec 03, 2024
Report Number : 3141948-1

Page 1 of 4

Sample Number	24119834-1						
Sampled Date	Nov 26, 2024 10:15 AM						
Sample Description	Sea Water						
Location	50 ม จากแนวชายฝั่งจุดที่ 1						
Date Analysis Commenced	Nov 27, 2024						
Condition of Sample	Contained in two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	CFU/100mL	-	-	670	≤100	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 9222 D	Songkhla
Total Coliform	MPN/100mL	-	-	4900.0	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
Dissolved Oxygen *	mg/L	-	0.1	4.7	≥4	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Songkhla
Nitrate as N *	mg/L	0.003	0.02	0.09	≤0.06	Based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 E	Bangkok
pH at 25 degree C *		-	-	8.0	7.0-8.5	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Phosphate as P *	mg/L	0.005	0.01	0.03	≤0.015	Based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-P (E)	Bangkok
Salinity *	ppt	-	-	30.8	Change from lower salinity not more than 10%	Based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Songkhla
Temperature *	Degree C	-	-	28.6	Change from natural condition not more than 2 degree C	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Songkhla

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 4)

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Tuanjai Thangklang
Manager

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

19441-21/ BM&L

S:\Reports\MisRef_All_GL.rpt (3:58PM)



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: 24119834
Date Received : Nov 27, 2024
Date Reported : Dec 03, 2024
Report Number : 3141948-1

Page 2 of 4

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



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: 24119834
Date Received : Nov 27, 2024
Date Reported : Dec 03, 2024
Report Number : 3141948-1

Page 3 of 4

Sample Number	24119834-2						
Sampled Date	Nov 26, 2024 9:40 AM						
Sample Description	Sea Water						
Location	50 ม จากแนวชายฝั่งจุดที่ 2						
Date Analysis Commenced	Nov 27, 2024						
Condition of Sample	Contained in two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Microbiological Testing							
Fecal Coliform	CFU/100mL	-	-	300	≤100	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 9222 D	Songkhla
Total Coliform	MPN/100mL	-	-	1300.0	≤1000	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 9221 B	Songkhla
Water Testing							
Dissolved Oxygen *	mg/L	-	0.1	4.9	≥4	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-O (C)	Songkhla
Nitrate as N *	mg/L	0.003	0.02	0.04	≤0.06	Based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-NO3 E	Bangkok
pH at 25 degree C *		-	-	8.0	7.0-8.5	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Songkhla
Phosphate as P *	mg/L	0.005	0.01	0.01	≤0.015	Based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 4500-P (E)	Bangkok
Salinity *	ppt	-	-	31.3	Change from lower salinity not more than 10%	Based on Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2520 B	Songkhla
Temperature *	Degree C	-	-	29.0	Change from natural condition not more than 2 degree C	Standard Methods for the Examination of Water and Wastewater: APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Songkhla

Guideline : Notification of the National Environmental Board, B.E.2564 : Coastal Water Quality Standard (Class 4)

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Tuanjai Thangklang
Manager

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

19441-21/ BM&L

S:\Reports\MisRef_All_GL.rpt (3:58PM)



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: 24119834
Date Received : Nov 27, 2024
Date Reported : Dec 03, 2024
Report Number : 3141948-1

Page 4 of 4

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

Approved by

Tuanjai Thangklang
Manager

ADDRESS 114/1 Moo 8 Karnchanawanich Road T. Ban Phru A. Hat Yai Songkhla 90250 Thailand | PHONE +66 0 7489 5060 | FAX +66 0 7489 5068
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

19441-21/ BM&L

S:\Reports\MisRef_All_GL.rpt (3:58PM)