

ภาคผนวก ค

ใบรายงานผลวิเคราะห์



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 11, 2025
Report Number : 3249894-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2517485-1 |
| Sampled Date | Feb 26, 2025 11:50 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร A |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|------|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 22000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1302 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 309 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 8.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 292 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 153 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |
| Total Suspended Solids | mg/L | - | 5 | 2204 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 11, 2025
Report Number : 3249895-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2517485-2 |
| Sampled Date | Feb 26, 2025 12:00 PM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร B |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|------|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 7900000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1062 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 441 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.9 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 48.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 6.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 180 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 80.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |
| Total Suspended Solids | mg/L | - | 5 | 1176 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 11, 2025
Report Number : 3249896-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2517485-3 |
| Sampled Date | Feb 26, 2025 11:25 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร C |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|------|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 17000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1227 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 478 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 96.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 4.8 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 188 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 106 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |
| Total Suspended Solids | mg/L | - | 5 | 1396 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by



Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 11, 2025
Report Number : 3249897-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2517485-4 |
| Sampled Date | Feb 26, 2025 10:00 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร D |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|------|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 24000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 841 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 244 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 44.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 4.8 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 244 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 124 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |
| Total Suspended Solids | mg/L | - | 5 | 1104 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 11, 2025
Report Number : 3249898-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2517485-5 |
| Sampled Date | Feb 26, 2025 10:48 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร E |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|------|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 1400000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 860 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 287 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.7 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 60.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 4.8 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 152 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 62.1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |
| Total Suspended Solids | mg/L | - | 5 | 1108 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 11, 2025
Report Number : 3249899-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2517485-6 |
| Sampled Date | Feb 26, 2025 10:20 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร F |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|------|-----------|----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 790000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 597 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 80 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 16.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 9.6 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 260 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 89.3 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |
| Total Suspended Solids | mg/L | - | 5 | 490 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268105-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-1 |
| Sampled Date | Mar 19, 2025 9:52 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร A |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 35000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 331 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 63 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 8.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 6.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 264 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 368 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Ananta B

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268105-1

Page 2 of 2

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268106-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-2 |
| Sampled Date | Mar 19, 2025 10:12 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร B |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 13000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 3080 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 1126 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 62.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 8.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 284 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 354 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 4240 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268106-1

Page 2 of 2

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268107-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-3 |
| Sampled Date | Mar 19, 2025 11:58 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร C |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 16000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) * | mg/L | - | 2.0 | 10740 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 1993 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 5.7 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 600 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 64.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 764 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 297 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids * | mg/L | - | 5 | 22180 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Ananta Boonphet

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025

Date Reported : Mar 26, 2025

Report Number : 3268107-1

Page 2 of 2

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268108-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-4 |
| Sampled Date | Mar 19, 2025 11:30 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร D |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 1300000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 758 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 302 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 28.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 8.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 296 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 115 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 1160 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025

Date Reported : Mar 26, 2025

Report Number : 3268108-1

Page 2 of 2

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268109-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-5 |
| Sampled Date | Mar 19, 2025 10:55 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร E |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 11000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1376 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 372 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 5.9 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 32.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 8.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 244 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 68.6 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 1812 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Ananta Boonphet

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268109-1

Page 2 of 2

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Ananta B.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268110-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-6 |
| Sampled Date | Mar 19, 2025 11:14 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร F |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 13000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 213 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 130 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.6 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 30.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 8.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 184 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 96.8 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 352 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Ananta B

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268110-1

Page 2 of 2

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297132-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2525798-1 |
| Sampled Date | Apr 25, 2025 9:50 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร A |
| Date Analysis Commenced | Apr 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 54000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1542 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 480 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 58.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 12.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 292 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 224 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 1756 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297132-1

Page 2 of 2

Approved by

Chompoonuch F.

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297133-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2525798-2 |
| Sampled Date | Apr 25, 2025 10:00 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร B |
| Date Analysis Commenced | Apr 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 7900000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1191 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 350 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 68.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 12.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 220 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 94.3 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 1440 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297133-1

Page 2 of 2

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297134-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2525798-3 |
| Sampled Date | Apr 25, 2025 12:25 PM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร C |
| Date Analysis Commenced | Apr 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 35000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 4324 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 302 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 8.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 240 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 155 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 2604 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297134-1

Page 2 of 2

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297135-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2525798-4 |
| Sampled Date | Apr 25, 2025 11:00 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร D |
| Date Analysis Commenced | Apr 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 7900000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 6585 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 717 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.6 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 220 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 12.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 288 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 305 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 6076 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297135-1

Page 2 of 2

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297136-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2525798-5 |
| Sampled Date | Apr 25, 2025 11:30 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร E |
| Date Analysis Commenced | Apr 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 17000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1188 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 264 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 110 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 16.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 284 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 167 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 1572 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297136-1

Page 2 of 2

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297137-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2525798-6 |
| Sampled Date | Apr 25, 2025 10:30 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร F |
| Date Analysis Commenced | Apr 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 3300000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1602 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 455 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 16.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 252 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 264 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 2668 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025
Date Reported : May 06, 2025
Report Number : 3297137-1

Page 2 of 2

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324092-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2537545-1 |
| Sampled Date | May 27, 2025 10:30 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร A |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 7000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 885 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 172 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 25.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 7.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 192 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 90.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 880 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324092-1

Page 2 of 2

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324093-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2537545-2 |
| Sampled Date | May 27, 2025 9:50 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร B |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|------------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 54000000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1556 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 409 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.7 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 66.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 5.6 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 312 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 141 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 2408 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324093-1

Page 2 of 2

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324094-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2537545-3 |
| Sampled Date | May 27, 2025 12:00 PM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร C |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 1300000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 744 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 360 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.9 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 14.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 4.8 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 212 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 143 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 844 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324094-1

Page 2 of 2

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324095-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2537545-4 |
| Sampled Date | May 27, 2025 11:10 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร D |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 1300000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 98.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 58 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 6.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 2.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 140 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 24.8 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 222 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324095-1

Page 2 of 2

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324096-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2537545-5 |
| Sampled Date | May 27, 2025 11:35 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร E |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 330000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 328 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 80 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.8 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 22.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 6.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 184 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 50.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 976 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324096-1

Page 2 of 2

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324097-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2537545-6 |
| Sampled Date | May 27, 2025 10:50 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร F |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--|-----------|-----|-----------|-----------|--|------------------|
| Microbiological Testing | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 7900000.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 939 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 330 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.3 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 38.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 4.8 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 204 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 211 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |
| Total Suspended Solids | mg/L | - | 5 | 1180 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

- 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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110
P/O : Q254134(R1)
Project Name :
Project Location :

Lot ID: 2537545

Date Received : May 28, 2025
Date Reported : Jun 04, 2025
Report Number : 3324097-1

Page 2 of 2

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350869-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2546385-1 |
| Sampled Date | Jun 25, 2025 9:43 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร A |
| Date Analysis Commenced | Jun 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|-----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 7900000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1224 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 137 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 19.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 5.2 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 148 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 66.7 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350869-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-1 | | | | | | |
| Sampled Date | Jun 25, 2025 9:43 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร A | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 812 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350870-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-2 | | | | | | |
| Sampled Date | Jun 25, 2025 9:52 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร B | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|-----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 7900000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1185 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 200 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 24.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 4.0 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 192 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 62.4 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350870-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-2 | | | | | | |
| Sampled Date | Jun 25, 2025 9:52 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร B | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 780 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350871-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2546385-3 |
| Sampled Date | Jun 25, 2025 11:45 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร C |
| Date Analysis Commenced | Jun 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|-----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 4900000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 2586 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 432 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 30.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 4.0 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 208 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 101 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350871-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-3 | | | | | | |
| Sampled Date | Jun 25, 2025 11:45 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร C | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 1548 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350872-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2546385-4 |
| Sampled Date | Jun 25, 2025 10:31 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร D |
| Date Analysis Commenced | Jun 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 330000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 1866 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 294 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 70.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 2.4 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 256 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 83.3 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350872-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-4 | | | | | | |
| Sampled Date | Jun 25, 2025 10:31 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร D | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 1396 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350873-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2546385-5 |
| Sampled Date | Jun 25, 2025 11:03 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร E |
| Date Analysis Commenced | Jun 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 490000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 633 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 131 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 35.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 4.4 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 196 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 48.8 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350873-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-5 | | | | | | |
| Sampled Date | Jun 25, 2025 11:03 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร E | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 656 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350874-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2546385-6 |
| Sampled Date | Jun 25, 2025 10:16 AM |
| Sample Description | Wastewater |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร F |
| Date Analysis Commenced | Jun 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|-----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 2200000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 603 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 24 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.6 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 17.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 6.4 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 180 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 70.4 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350874-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-6 | | | | | | |
| Sampled Date | Jun 25, 2025 10:16 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | น้ำเสียก่อนเข้าระบบบำบัดน้ำเสีย อาคาร F | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 450 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249900-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-7 |
| Sampled Date | Feb 26, 2025 11:35 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร A |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|------|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 790000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 157 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 12 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.5 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 1.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 6.8 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 256 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 89.4 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249900-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2517485-7 | | | | | | |
| Sampled Date | Feb 26, 2025 11:35 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร A | | | | | | |
| Date Analysis Commenced | Feb 27, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 68 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025

Date Reported : Mar 05, 2025

Report Number : 3249901-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-8 |
| Sampled Date | Feb 26, 2025 11:42 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร B |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|------|-----------|---------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 79000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 15.6 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | <3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 0.6 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 168 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 35.0 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249901-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-8 |
| Sampled Date | Feb 26, 2025 11:42 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร B |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 13 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025

Date Reported : Mar 05, 2025

Report Number : 3249902-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-9 |
| Sampled Date | Feb 26, 2025 11:15 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร C |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|------|-----------|---------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 49000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 13.5 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 4 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.9 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 0.8 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 132 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 34.0 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |

Approved by



Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249902-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-9 |
| Sampled Date | Feb 26, 2025 11:15 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร C |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 13 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025

Date Reported : Mar 05, 2025

Report Number : 3249903-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-10 |
| Sampled Date | Feb 26, 2025 9:55 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร D |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|------|-----------|-----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 7900000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 43.0 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 5 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 8.1 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 0.6 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 228 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 89.2 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249903-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-10 |
| Sampled Date | Feb 26, 2025 9:55 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร D |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 37 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025

Date Reported : Mar 05, 2025

Report Number : 3249904-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-11 |
| Sampled Date | Feb 26, 2025 10:35 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร E |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|------|-----------|---------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 79000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 18.5 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 20 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.9 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 0.8 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 188 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 47.2 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249904-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-11 |
| Sampled Date | Feb 26, 2025 10:35 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร E |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 18 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025

Date Reported : Mar 05, 2025

Report Number : 3249905-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-12 |
| Sampled Date | Feb 26, 2025 10:10 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร F |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|------|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 330000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 149 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 4 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 2.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 6.0 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 192 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | 60.6 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C) | Bangkok |

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249905-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517485-12 |
| Sampled Date | Feb 26, 2025 10:10 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร F |
| Date Analysis Commenced | Feb 27, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 106 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025

Date Reported : Mar 26, 2025

Report Number : 3268111-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-7 |
| Sampled Date | Mar 19, 2025 9:40 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร A |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 24000000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 86.0 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 13 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 8.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 4.0 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 248 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 59.1 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268111-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-7 |
| Sampled Date | Mar 19, 2025 9:40 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร A |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 47 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Ananta B.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025

Date Reported : Mar 26, 2025

Report Number : 3268112-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-8 |
| Sampled Date | Mar 19, 2025 10:00 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร B |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|---------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 33000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 17.3 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 8.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 2.4 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 212 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 58.4 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Ananta B.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268112-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-8 |
| Sampled Date | Mar 19, 2025 10:00 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร B |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 9 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025

Date Reported : Mar 26, 2025

Report Number : 3268113-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-9 |
| Sampled Date | Mar 19, 2025 11:43 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร C |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 330000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 16.8 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 4 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 8.1 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 2.4 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 252 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 55.5 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268113-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-9 |
| Sampled Date | Mar 19, 2025 11:43 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร C |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 16 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025

Date Reported : Mar 26, 2025

Report Number : 3268114-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-10 |
| Sampled Date | Mar 19, 2025 11:21 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร D |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|-----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 7000000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 53.7 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 11 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 8.2 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 2.4 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 276 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 94.7 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Ananta B

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268114-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-10 |
| Sampled Date | Mar 19, 2025 11:21 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร D |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 42 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Ananta B

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025

Date Reported : Mar 26, 2025

Report Number : 3268115-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-11 |
| Sampled Date | Mar 19, 2025 10:46 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร E |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 35000000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 14.6 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 12 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 8.1 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 0.8 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 176 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 65.6 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Ananta B.

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268115-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-11 |
| Sampled Date | Mar 19, 2025 10:46 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร E |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 27 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Ananta B

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :

Project Name :

Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025

Date Reported : Mar 26, 2025

Report Number : 3268116-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-12 |
| Sampled Date | Mar 19, 2025 11:07 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร F |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 330000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 46.5 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 13 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.9 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 1.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 1.2 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 160 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 35.7 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Ananta B

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



TESTING
No.0166

Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268116-1

Page 2 of 2

| | |
|--------------------------------|---|
| Sample Number | 2517487-12 |
| Sampled Date | Mar 19, 2025 11:07 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทั้ง อาคาร F |
| Date Analysis Commenced | Mar 20, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 54 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Ananta Boonphet
Scientist (2)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297138-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-7 | | | | | | |
| Sampled Date | Apr 25, 2025 9:30 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร A | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|-----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 2400000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 72.9 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 11 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.2 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 5.2 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 264 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 77.4 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297138-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-7 | | | | | | |
| Sampled Date | Apr 25, 2025 9:30 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร A | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 58 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297139-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-8 | | | | | | |
| Sampled Date | Apr 25, 2025 9:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร B | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 330000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 12.2 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 196 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 54.8 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297139-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-8 | | | | | | |
| Sampled Date | Apr 25, 2025 9:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร B | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | <5 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297140-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-9 | | | | | | |
| Sampled Date | Apr 25, 2025 12:15 PM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร C | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 220000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 7.9 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.6 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 0.6 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 108 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 26.1 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297140-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-9 | | | | | | |
| Sampled Date | Apr 25, 2025 12:15 PM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร C | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 16 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297141-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-10 | | | | | | |
| Sampled Date | Apr 25, 2025 10:50 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร D | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|-----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 3300000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 10.8 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.7 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 204 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 71.3 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297141-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-10 | | | | | | |
| Sampled Date | Apr 25, 2025 10:50 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร D | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 18 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297142-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-11 | | | | | | |
| Sampled Date | Apr 25, 2025 11:20 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร E | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 490000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 13.8 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 8.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 268 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 77.6 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297142-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-11 | | | | | | |
| Sampled Date | Apr 25, 2025 11:20 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร E | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 11 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297143-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-12 | | | | | | |
| Sampled Date | Apr 25, 2025 10:20 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร F | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|-----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 1300000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 18.9 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.8 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 240 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 70.7 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297143-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2525798-12 | | | | | | |
| Sampled Date | Apr 25, 2025 10:20 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร F | | | | | | |
| Date Analysis Commenced | Apr 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 20 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324098-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-7 | | | | | | |
| Sampled Date | May 27, 2025 9:30 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร A | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 790000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 18.5 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.1 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 0.8 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 140 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 42.6 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324098-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-7 | | | | | | |
| Sampled Date | May 27, 2025 9:30 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร A | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 14 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324099-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-8 | | | | | | |
| Sampled Date | May 27, 2025 9:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร B | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|---------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 49000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 22.8 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | <3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 4.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 256 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 33.0 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324099-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-8 | | | | | | |
| Sampled Date | May 27, 2025 9:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร B | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 75 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324100-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-9 | | | | | | |
| Sampled Date | May 27, 2025 11:50 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร C | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 330000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 21.1 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | <3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.6 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 0.6 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 204 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 44.0 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324100-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-9 | | | | | | |
| Sampled Date | May 27, 2025 11:50 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร C | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 19 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324101-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2537545-10 |
| Sampled Date | May 27, 2025 11:00 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร D |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|----------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 130000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 11.5 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | <3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.0 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 2.4 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 128 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 18.6 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324101-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-10 | | | | | | |
| Sampled Date | May 27, 2025 11:00 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร D | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 13 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324102-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2537545-11 |
| Sampled Date | May 27, 2025 11:25 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร E |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|--------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 2200.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 8.7 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 6.9 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 164 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 11.5 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324102-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-11 | | | | | | |
| Sampled Date | May 27, 2025 11:25 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร E | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | <5 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324103-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-12 | | | | | | |
| Sampled Date | May 27, 2025 10:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร F | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|---------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 79000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 22.1 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 2.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 192 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 44.7 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324103-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2537545-12 | | | | | | |
| Sampled Date | May 27, 2025 10:40 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร F | | | | | | |
| Date Analysis Commenced | May 28, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 50 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350875-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-7 | | | | | | |
| Sampled Date | Jun 25, 2025 9:34 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร A | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|---------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 49000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 13.9 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 4 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.3 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 5.2 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 140 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 21.3 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350875-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-7 | | | | | | |
| Sampled Date | Jun 25, 2025 9:34 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร A | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 14 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350876-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2546385-8 |
| Sampled Date | Jun 25, 2025 9:30 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร B |
| Date Analysis Commenced | Jun 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|--------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 3300.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 17.9 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.5 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 164 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 33.1 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350876-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-8 | | | | | | |
| Sampled Date | Jun 25, 2025 9:30 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร B | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 33 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350877-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2546385-9 |
| Sampled Date | Jun 25, 2025 11:34 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร C |
| Date Analysis Commenced | Jun 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|---------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 17000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 8.4 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.7 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 184 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 18.9 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350877-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-9 | | | | | | |
| Sampled Date | Jun 25, 2025 11:34 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร C | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | <5 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350878-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-10 | | | | | | |
| Sampled Date | Jun 25, 2025 10:23 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร D | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|--------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 2400.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 7.6 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | 1.2 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 224 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 22.3 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350878-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-10 | | | | | | |
| Sampled Date | Jun 25, 2025 10:23 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร D | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 5 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350879-1

Page 1 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-11 | | | | | | |
| Sampled Date | Jun 25, 2025 10:55 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร E | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|--------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 4900.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 17.5 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.4 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 180 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 24.9 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350879-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-11 | | | | | | |
| Sampled Date | Jun 25, 2025 10:55 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร E | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 43 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350880-1

Page 1 of 2

| | |
|--------------------------------|---|
| Sample Number | 2546385-12 |
| Sampled Date | Jun 25, 2025 10:07 AM |
| Sample Description | Wastewater |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร F |
| Date Analysis Commenced | Jun 26, 2025 |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|-----------|-----|-----------|---------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal Coliform | MPN/100mL | - | - | 33000.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B, E | Songkhla |
| Water Testing | | | | | | | |
| BOD (5 days at 20 degree C) | mg/L | - | 2.0 | 17.0 | ≤30 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G | Songkhla |
| Oil & Grease | mg/L | - | 3 | 3 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 5520 B | Songkhla |
| pH at 25 degree C | | - | - | 7.7 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) | Songkhla |
| Settleable Solid * | mL/L/hr | - | 0.1 | 0.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 F | Songkhla |
| Sulfide * | mg/L | - | 0.5 | <0.5 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F) | Songkhla |
| Total Dissolved solids Dried at 180 degree C | mg/L | - | 5 | 164 | ≤1000 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 C | Songkhla |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 5.0 | 29.3 | ≤35 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D) | Songkhla |

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

TESTING
No.0166

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350880-1

Page 2 of 2

| | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|
| Sample Number | 2546385-12 | | | | | | |
| Sampled Date | Jun 25, 2025 10:07 AM | | | | | | |
| Sample Description | Wastewater | | | | | | |
| Location | บ่อตรวจคุณภาพน้ำทิ้ง อาคาร F | | | | | | |
| Date Analysis Commenced | Jun 26, 2025 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| Total Suspended Solids | mg/L | - | 5 | 21 | ≤40 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 2540 D | Songkhla |

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

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249907-1

Page 1 of 1

Sample Number 2517485-14
Sampled Date Feb 26, 2025 11:00 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ E ส่วนลึก: Room. E103
Date Analysis Commenced Feb 27, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249908-1

Page 1 of 1

Sample Number 2517485-15
Sampled Date Feb 26, 2025 9:45 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ F ส่วนดิน
Date Analysis Commenced Feb 27, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517485

Date Received : Feb 27, 2025
Date Reported : Mar 05, 2025
Report Number : 3249909-1

Page 1 of 1

Sample Number 2517485-16
Sampled Date Feb 26, 2025 9:47 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ F สวนลี้ก
Date Analysis Commenced Feb 27, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268117-1

Page 1 of 1

Sample Number 2517487-13
Sampled Date Mar 19, 2025 10:27 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ E ส่วนดิน:Room E107
Date Analysis Commenced Mar 20, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268118-1

Page 1 of 1

Sample Number 2517487-14
Sampled Date Mar 19, 2025 10:29 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ E ส่วนลึก:Room E107
Date Analysis Commenced Mar 20, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025
Date Reported : Mar 26, 2025
Report Number : 3268119-1

Page 1 of 1

Sample Number 2517487-15
Sampled Date Mar 19, 2025 10:32 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ F สวนดิน
Date Analysis Commenced Mar 20, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Tuanjai Thangklang
Manager

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O :
Project Name :
Project Location :

Lot ID: 2517487

Date Received : Mar 20, 2025

Date Reported : Mar 26, 2025

Report Number : 3268120-1

Page 1 of 1

Sample Number 2517487-16
Sampled Date Mar 19, 2025 10:34 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ F ส่วนลึก
Date Analysis Commenced Mar 20, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297144-1

Page 1 of 1

Sample Number 2525798-13
Sampled Date Apr 25, 2025 11:55 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ E ส่วนดิน:Room E102
Date Analysis Commenced Apr 26, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297145-1

Page 1 of 1

Sample Number 2525798-14
Sampled Date Apr 25, 2025 11:57 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ E ส่วนลึก:Room E102
Date Analysis Commenced Apr 26, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom

Remark :

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

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297146-1

Page 1 of 1

Sample Number 2525798-15
Sampled Date Apr 25, 2025 11:45 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ F ส่วนดิน
Date Analysis Commenced Apr 26, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2525798

Date Received : Apr 26, 2025

Date Reported : May 06, 2025

Report Number : 3297147-1

Page 1 of 1

Sample Number 2525798-16
Sampled Date Apr 25, 2025 11:47 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ F ส่วนลึก
Date Analysis Commenced Apr 26, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324104-1

Page 1 of 1

Sample Number 2537545-13
Sampled Date May 27, 2025 10:10 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ E ส่วนดิน:Room E103
Date Analysis Commenced May 28, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | >23 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324105-1

Page 1 of 1

Sample Number 2537545-14
Sampled Date May 27, 2025 10:15 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ E ส่วนลึก:Room E103
Date Analysis Commenced May 28, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | >23 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324106-1

Page 1 of 1

| | |
|--------------------------------|--|
| Sample Number | 2537545-15 |
| Sampled Date | May 27, 2025 10:00 AM |
| Sample Description | Swimming Pool |
| Location | สระว่ายน้ำโครงการ F ส่วนดิน |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2537545

Date Received : May 28, 2025

Date Reported : Jun 04, 2025

Report Number : 3324107-1

Page 1 of 1

| | |
|--------------------------------|--|
| Sample Number | 2537545-16 |
| Sampled Date | May 27, 2025 10:05 AM |
| Sample Description | Swimming Pool |
| Location | สระว่ายน้ำโครงการ F ส่วนลึก |
| Date Analysis Commenced | May 28, 2025 |
| Condition of Sample | Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Yuttapong Rattana , Sakkarin Panpheng

Remark :

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

Approved by

Chompoonuch Funtha
Supervisor

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350881-1

Page 1 of 1

Sample Number 2546385-13
Sampled Date Jun 25, 2025 11:16 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ E ส่วนดิน
Date Analysis Commenced Jun 26, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350882-1

Page 1 of 1

Sample Number 2546385-14
Sampled Date Jun 25, 2025 11:15 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ E ส่วนลึก
Date Analysis Commenced Jun 26, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350883-1

Page 1 of 1

Sample Number 2546385-15
Sampled Date Jun 25, 2025 11:19 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ F ส่วนดิน
Date Analysis Commenced Jun 26, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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



Analysis / Test Report

Client : Grand Larn Luang Co., Ltd.
55 Moo 5, Tambon Saku, Amphoe Thalang, Phuket Thailand 83110

P/O : Q254134(R1)

Project Name :

Project Location :

Lot ID: 2546385

Date Received : Jun 26, 2025

Date Reported : Jul 02, 2025

Report Number : 3350884-1

Page 1 of 1

Sample Number 2546385-16
Sampled Date Jun 25, 2025 11:21 AM
Sample Description Swimming Pool
Location สระว่ายน้ำโครงการ F ส่วนลึก
Date Analysis Commenced Jun 26, 2025
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--------------------------------|-----------|-----|-----------|--------------|---------------------------|--|------------------|
| Microbiological Testing | | | | | | | |
| Fecal 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, E | Songkhla |
| Total Coliform | MPN/100mL | - | - | <1.1 | <10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 9221 B | Songkhla |

Guideline : คำแนะนำของคณะกรรมการสาธารณสุข ฉบับที่ 1/2550 เรื่อง การควบคุมการประกอบกิจการสระว่ายน้ำ หรือกิจการอื่น ๆ ในทำนองเดียวกัน

Sampling By : Thaksin Aintrom , Furakan Kasetka

Remark :

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

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Chompoonuch F.

Chompoonuch Funtha
Supervisor

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