

ภาคผนวกที่ 10

หนังสือรับรองผลการตรวจวัดคุณภาพน้ำทิ้ง

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของบริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Environmental Monitoring Section/STS GREEN COMPANY LIMITED
Sampling Date : July 18, 2024

Work Request No. : 453/24
Sample Received Date : July 18, 2024
Report No. : 1166/24
Reported Date : July 30, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
180724/30	บ่อน้ำก่อนปล่อย สู่รางระบายน้ำสาธารณะ						
		pH ^{1/}	Electrometric Method (4500-H ⁺ B)	July 18, 2024	6.7	-	Turbid, Sediment
		Biochemical Oxygen Demand ^{1/}	5-Day BOD Test, Azide Modification Method (5210 B)	July 19-24, 2024	9.6	mg/L	Turbid, Sediment
		Oil & Grease ^{1/}	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	July 24, 2024	<5.0	mg/L	Turbid, Sediment
		Settleable Solids ^{1/}	Imhoff cone (2540 F)	July 23, 2024	<0.1	ml/L	Turbid, Sediment
		Sulfide ^{1/}	Iodometric Method (4500-S ²⁻ F)	July 24, 2024	<1.0	mg/L	Turbid, Sediment
		Total Dissolved Solids	Dried at 180 °C Method (2540 C)	July 19, 2024	162	mg/L	Turbid, Sediment
		Total Suspended Solids	Dried at 103-105 °C Method (2540 D)	July 23, 2024	17.6	mg/L	Turbid, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

: ^{1/} Parameter are not accredited ISO/IEC 17025.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

July 30, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

July 30, 2024

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี)
 ของบริษัท หยงซิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Water supply
Sampling By : Environmental Monitoring Section/STS GREEN COMPANY LIMITED
Sampling Date : July 18, 2024

Work Request No. : 453/24
Sample Received Date : July 18, 2024
Report No. : 1167/24
Reported Date : July 30, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
180724/31	น้ำใช้โครงการ	Total Dissolved Solids	Dried at 180 °C Method (2540 C)	July 23, 2024	120	mg/L	Clear

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

July 30, 2024

Kasidit Yasongkram

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

July 30, 2024

STS Group



Analysis / Test Report

Client : STS Green Co., Ltd.

3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani Thailand 12150

P/O :

Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี) ของ
บริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด

Project Location :

Lot ID: 2483283

Date Received : Jul 19, 2024

Date Reported : Jul 26, 2024

Report Number : 3061557-1

Page 1 of 1

Sample Number	2483283-1					
Sampled Date	Jul 18, 2024 11:10 AM					
Sample Description	บ่อน้ำของโครงการ					
Date Analysis Commenced	Jul 24, 2024					
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	0.15	1.0	3.6	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C)	Bangkok

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. No part of this report may be reproduced in any form without written consent
from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that
this report is not reproduced except in full.

Approved by

Suwimon C.
Suwimon Chairuangwut
Scientist (3)

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TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของบริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Environmental Monitoring Section/STS GREEN COMPANY LIMITED
Sampling Date : August 29, 2024

Work Request No. : 568/24
Sample Received Date : August 29, 2024
Report No. : 1449/24
Reported Date : September 5, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
290824/5	บ่อน้ำทิ้งก่อนปล่อยสู่รางระบายน้ำสาธารณะ						
		pH ^{1/}	Electrometric Method (4500-H ⁺ B)	August 29, 2024	6.5	-	Turbid, Sediment
		Biochemical Oxygen Demand ^{1/}	5-Day BOD Test, Azide Modification Method (5210 B)	August 30-September 4, 2024	9.6	mg/L	Turbid, Sediment
		Oil & Grease ^{1/}	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	September 2, 2024	<5.0	mg/L	Turbid, Sediment
		Settleable Solids ^{1/}	Imhoff cone (2540 F)	August 30, 2024	<0.1	ml/L	Turbid, Sediment
		Sulfide ^{1/}	Iodometric Method (4500-S ²⁻ F)	September 2, 2024	<1.0	mg/L	Turbid, Sediment
		Total Dissolved Solids	Dried at 180 °C Method (2540 C)	September 2, 2024	118	mg/L	Turbid, Sediment
		Total Suspended Solids	Dried at 103-105 °C Method (2540 D)	August 29, 2024	<10.0	mg/L	Turbid, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

: ^{1/} Parameter are not accredited ISO/IEC 17025.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

September 5, 2024

Kasidit Yasongkram

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

September 5, 2024

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี)
ของบริษัท หญิงชิ่ง สตีล (ไทยแลนด์) จำกัด
Sample Type : Water supply
Sampling By : Environmental Monitoring Section/STS GREEN COMPANY LIMITED
Sampling Date : August 29, 2024

Work Request No. : 568/24
Sample Received Date : August 29, 2024
Report No. : 1450/24
Reported Date : September 5, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
290824/6	น้ำใช้โครงการ	Total Dissolved Solids	Dried at 180 °C Method (2540 C)	September 2, 2024	134	mg/L	Clear

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

September 5, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

September 5, 2024

STS Group



Analysis / Test Report

TESTING
No.0042

Client : STS Green Co., Ltd.

3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani Thailand 12150

P/O :

Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงซิง (ปราจีนบุรี) ของบริษัท หยงซิง
สตีล (ไทยแลนด์) จำกัด

Project Location :

Lot ID: 2499857

Date Received : Aug 29, 2024

Date Reported : Oct 17, 2024

Report Number : 3095546-1 Rev. No.1

Page 1 of 1

Sample Number	2499857-1					
Sampled Date	Aug 29, 2024 10:36 AM					
Sample Description	Wastewater					
Location	บ่อพักน้ำทิ้งของโครงการ (น้ำที่ผ่านการบำบัดจากระบบบำบัดน้ำเสียสำเร็จรูป)					
Date Analysis Commenced	Sep 02, 2024					
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	3.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D)	Rayong

Note : This Analysis test report is reissued to supersede report No.3095546-1, Date Reported : Sep 03, 2024 due to revise client information.

Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-0038

Remark :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Chuan.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

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TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของบริษัทยิงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Environmental Monitoring Section/STS GREEN COMPANY LIMITED
Sampling Date : September 27, 2024

Work Request No. : 637/24
Sample Received Date : September 27, 2024
Report No. : 1626/24
Reported Date : October 9, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
270924/33	บ่อน้ำหน้าก่อนปล่อย สู่รางระบายน้ำสาธารณะ						
		pH ^{1/}	Electrometric Method (4500-H ⁺ B)	September 27, 2024	6.1	-	Turbid, Sediment
		Biochemical Oxygen Demand ^{1/}	5-Day BOD Test, Azide Modification Method (5210 B)	September 28-October 3, 2024	2.3	mg/L	Turbid, Sediment
		Oil & Grease ^{1/}	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	October 2, 2024	<5.0	mg/L	Turbid, Sediment
		Settleable Solids ^{1/}	Imhoff cone (2540 F)	October 2, 2024	<0.1	ml/L	Turbid, Sediment
		Sulfide ^{1/}	Iodometric Method (4500-S ²⁻ F)	October 2, 2024	<1.0	mg/L	Turbid, Sediment
		Total Dissolved Solids	Dried at 180 °C Method (2540 C)	September 29, 2024	100	mg/L	Turbid, Sediment
		Total Suspended Solids	Dried at 103-105 °C Method (2540 D)	October 1, 2024	<10.0	mg/L	Turbid, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

: ^{1/} Parameter are not accredited ISO/IEC 17025.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

October 9, 2024

Kasidit Y

(Mr. Kasidit Ysongkram)

Laboratory Supervisor

October 9, 2024

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของบริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Water supply
Sampling By : Environmental Monitoring Section/STS GREEN COMPANY LIMITED
Sampling Date : September 27, 2024

Work Request No. : 637/24
Sample Received Date : September 27, 2024
Report No. : 1627/24
Reported Date : October 9, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
270924/34	น้ำใช้โครงการ	Total Dissolved Solids	Dried at 180 °C Method (2540 C)	September 29, 2024	112	mg/L	Clear

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

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Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

October 9, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

October 9, 2024

STS Group



Analysis / Test Report

TESTING
No.0042

Client : STS Green Co., Ltd.

3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani Thailand 12150

P/O :

Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี) ของบริษัท หงษ์ชิง
สตีล (ไทยแลนด์) จำกัด

Project Location :

Lot ID: 24105065

Date Received : Sep 27, 2024

Date Reported : Oct 17, 2024

Report Number : 3107891-1 Rev. No.1

Page 1 of 1

Sample Number	24105065-1					
Sampled Date	Sep 27, 2024 11:20 AM					
Sample Description	Wastewater					
Location	บ่อหนองน้ำของโครงการ					
Date Analysis Commenced	Oct 01, 2024					
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.3	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Note : This Analysis test report is reissued to supersede report No.3107891-1, Date Reported : Oct 03, 2024 due to revise client information.

Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-0051

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของบริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Environmental Monitoring Section/STS GREEN COMPANY LIMITED
Sampling Date : October 22, 2024

Work Request No. : 729/24
Sample Received Date : October 22, 2024
Report No. : 1749/24
Reported Date : November 1, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
221024/3	บ่อน้ำก่อนปล่อยสู่รางระบายน้ำสาธารณะ						
		pH ^{1/}	Electrometric Method (4500-H ⁺ B)	October 22, 2024	6.3	-	Turbid, Sediment
		Biochemical Oxygen Demand ^{1/}	5-Day BOD Test, Azide Modification Method (5210 B)	October 23-28, 2024	<2.0	mg/L	Turbid, Sediment
		Oil & Grease ^{1/}	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	October 24, 2024	<5.0	mg/L	Turbid, Sediment
		Settleable Solids ^{1/}	Imhoff cone (2540 F)	October 23, 2024	<0.1	ml/L	Turbid, Sediment
		Sulfide ^{1/}	Iodometric Method (4500-S ²⁻ F)	October 26, 2024	<1.0	mg/L	Turbid, Sediment
		Total Dissolved Solids	Dried at 180 °C Method (2540 C)	October 25, 2024	98.0	mg/L	Turbid, Sediment
		Total Suspended Solids	Dried at 103-105 °C Method (2540 D)	October 24, 2024	<10.0	mg/L	Turbid, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

: ^{1/} Parameter are not accredited ISO/IEC 17025.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

November 1, 2024

Kasidit Yasongkram

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

November 1, 2024

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี)
ของ บริษัท หยงซิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Water supply
Sampling By : Environmental Monitoring Section/STS GREEN COMPANY LIMITED
Sampling Date : October 22, 2024

Work Request No. : 729/24
Sample Received Date : October 22, 2024
Report No. : 1750/24
Reported Date : November 1, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
221024/4	น้ำใช้โครงการ	Total Dissolved Solids	Dried at 180 °C Method (2540 C)	October 25, 2024	120	mg/L	Clear

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

November 1, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

November 1, 2024

STS Group



Analysis / Test Report

TESTING
No.0042

Client : STS Green Co., Ltd.

3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani Thailand 12150

P/O :

Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี) ของบริษัท หยงชิง
สตีล (ไทยแลนด์) จำกัด

Project Location :

Lot ID: 24119669

Date Received : Oct 22, 2024

Date Reported : Dec 06, 2024

Report Number : 3141471-1 Rev. No.1

Page 1 of 1

Sample Number	24119669-1
Sampled Date	Oct 22, 2024 10:20 AM
Sample Description	Wastewater
Location	ปล่อยน้ำของโครงการ
Date Analysis Commenced	Oct 23, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Note : This Analysis test report is reissued to supersede report No.3141471-1, Date Reported : Oct 26, 2024 due to revise client information.

Sampling By : Warunyoo Chimphalee ทะเบียนเลขที่ ว-323-จ-0020

Remark :

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

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

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TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี)
 ของบริษัท หยงซิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Anucha Mingkwan (๖-๑๘๑-๖-๐๐๑๓)
Sampling Date : November 7, 2024

Work Request No. : 772/24
Sample Received Date : November 8, 2024
Report No. : 1882/24
Reported Date : November 18, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
081124/1	บ่อน้ำก่อนปล่อย สู่รางระบายน้ำสาธารณะ						
		pH ^{1/}	Electrometric Method (4500-H ⁺ B)	November 7, 2024	6.3	-	Clear, Sediment
		Biochemical Oxygen Demand ^{1/}	5-Day BOD Test, Azide Modification Method (5210 B)	November 8-13, 2024	7.5	mg/L	Clear, Sediment
		Oil & Grease ^{1/}	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	November 11, 2024	<5.0	mg/L	Clear, Sediment
		Sulfide ^{1/}	Iodometric Method (4500-S ²⁻ F)	November 18, 2024	<1.0	mg/L	Clear, Sediment
		Total Dissolved Solids	Dried at 180 °C Method (2540 C)	November 11, 2024	112	mg/L	Clear, Sediment
		Total Suspended Solids	Dried at 103-105 °C Method (2540 D)	November 11, 2024	<10.0	mg/L	Clear, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

: ^{1/} Parameter are not accredited ISO/IEC 17025.

: STS GREEN CO., LTD เลขทะเบียน ๖-๑๘๑

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

๖-๑๘๑-๖-๐๐๐๑

November 19, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

๖-๑๘๑-๖-๐๐๐๒

November 19, 2024

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี)
ของ บริษัท หยงซิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Anucha Mingkwan
Sampling Date : November 7, 2024

Work Request No. : 772/24
Sample Received Date : November 8, 2024
Report No. : 1882-1/24
Reported Date : November 18, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
081124/1	บ่อน้ำทิ้งหน้าก่อนปล่อย สู่รางระบายน้ำสาธารณะ	Settleable Solids	Imhoff cone (2540 F)	November 8, 2024	<0.1	ml/L	Clear, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

November 14, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

November 18, 2024

STS Group

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของ บริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Water supply
Sampling By : Anucha Mingkwan
Sampling Date : November 7, 2024

Work Request No. : 772/24
Sample Received Date : November 8, 2024
Report No. : 1883/24
Reported Date : November 18, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
081124/2	น้ำใช้โครงการ	Total Dissolved Solids	Dried at 180 °C Method (2540 C)	November 11, 2024	100	mg/L	Clear

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

November 18, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

November 18, 2024

STS Group

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของ บริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Anucha Mingkwan (จ-๑๘๑-๖-๐๐๑๓)
Sampling Date : November 7, 2024

Work Request No. : 772/24
Sample Received Date : November 8, 2024
Report No. : 1885/24
Reported Date : November 18, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
081124/4	Manhole บ่อที่ 1						
		pH ^{1/}	Electrometric Method (4500-H ⁺ B)	November 7, 2024	7.0	-	Turbid, Sediment
		Biochemical Oxygen Demand ^{1/}	5-Day BOD Test, Azide Modification Method (5210 B)	November 8-13, 2024	78.0	mg/L	Turbid, Sediment
		Oil & Grease ^{1/}	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	November 11, 2024	7.5	mg/L	Turbid, Sediment
		Sulfide ^{1/}	Iodometric Method (4500-S ²⁻ F)	November 18, 2024	<1.0	mg/L	Turbid, Sediment
		Total Dissolved Solids	Dried at 180 °C Method (2540 C)	November 11, 2024	331	mg/L	Turbid, Sediment
		Total Suspended Solids	Dried at 103-105 °C Method (2540 D)	November 11, 2024	<10.0	mg/L	Turbid, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

: ^{1/} Parameter are not accredited ISO/IEC 17025.

: STS GREEN CO., LTD เลขทะเบียน จ-๑๘๑

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

จ-๑๘๑-๖-๐๐๑๓

November 14, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

จ-๑๘๑-๖-๐๐๑๓

November 18, 2024

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของบริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Anucha Mingkwan
Sampling Date : November 7, 2024

Work Request No. : 772/24
Sample Received Date : November 8, 2024
Report No. : 1885-1/24
Reported Date : November 18, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
081124/4	Manhole บ่อที่ 1	Settleable Solids ^{1/}	Imhoff cone (2540 F)	November 8, 2024	<0.1	ml/L	Turbid, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

November 18, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

November 18, 2024

STS Group

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี)
ของ บริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Anucha Mingkwan (๖-๑๘๑-๖-๐๐๑๓)
Sampling Date : November 7, 2024

Work Request No. : 772/24
Sample Received Date : November 8, 2024
Report No. : 1884/24
Reported Date : November 18, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
081124/3	Manhole บ่อที่ 2						
		pH ^{II}	Electrometric Method (4500-H ⁺ B)	November 7, 2024	6.5	-	Yellow, Sediment
		Biochemical Oxygen Demand ^{II}	5-Day BOD Test, Azide Modification Method (5210 B)	November 8-13, 2024	<2.0	mg/L	Yellow, Sediment
		Oil & Grease ^{II}	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	November 11, 2024	<5.0	mg/L	Yellow, Sediment
		Sulfide ^{II}	Iodometric Method (4500-S ²⁻ F)	November 18, 2024	<1.0	mg/L	Yellow, Sediment
		Total Dissolved Solids	Dried at 180 °C Method (2540 C)	November 11, 2024	128	mg/L	Yellow, Sediment
		Total Suspended Solids	Dried at 103-105 °C Method (2540 D)	November 11, 2024	<10.0	mg/L	Yellow, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

: ^{II} Parameter are not accredited ISO/IEC 17025.

: STS GREEN CO., LTD เลขทะเบียน ๖-๑๘๑

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

๖-๑๘๑-๖-๐๐๑๓

November 14, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

๖-๑๘๑-๖-๐๐๑๓

November 18, 2024

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของ บริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Anucha Mingkwan
Sampling Date : November 7, 2024

Work Request No. : 772/24
Sample Received Date : November 8, 2024
Report No. : 1884-1/24
Reported Date : November 18, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
081124/3	Manhole บ่อที่ 2	Settleable Solids ^{1/}	Imhoff cone (2540 F)	November 8, 2024	<0.1	ml/L	Yellow, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

November 18, 2024

Kasidit Yasongkram

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

November 18, 2024

STS Group



Analysis / Test Report

TESTING
No.0042

Client : STS Green Co., Ltd.

3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani Thailand 12150

P/O :

Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี) ของบริษัท หญิงชิง
สตีล (ไทยแลนด์) จำกัด

Project Location :

Lot ID: 24127046

Date Received : Nov 07, 2024

Date Reported : Dec 06, 2024

Report Number : 3157544-1 Rev. No.1

Page 1 of 1

Sample Number	24127046-1
Sampled Date	Nov 07, 2024 10:00 AM
Sample Description	Wastewater
Location	บ่อหนองน้ำของโครงการ
Date Analysis Commenced	Nov 08, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	3.2	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Note : This Analysis test report is reissued to supersede report No.3157544-1, Date Reported : Nov 13, 2024 due to revise client information.

Remark :

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

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

Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : STS Green Co., Ltd.

3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani Thailand 12150

P/O :

Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี) ของบริษัท หงษ์ชิง
สตีล (ไทยแลนด์) จำกัด

Project Location :

Lot ID: 24128017

Date Received : Nov 08, 2024

Date Reported : Dec 06, 2024

Report Number : 3159958-1 Rev. No.1

Page 1 of 2

Sample Number	24128017-1
Sampled Date	Nov 06, 2024 9:15 AM
Sample Description	Wastewater
Location	Manhole บ่อที่ 1
Date Analysis Commenced	Nov 08, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	39.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Note : This Analysis test report is reissued to supersede report No.3159958-1, Date Reported : Nov 13, 2024 due to revise client information.

Remark :

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

Chontichak

Chonticha Subongkoch
Scientist (3)

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Analysis / Test Report

TESTING
No.0042

Client : STS Green Co., Ltd.

3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani Thailand 12150

P/O :

Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี) ของบริษัท หยงชิง
สตีล (ไทยแลนด์) จำกัด

Project Location :

Lot ID: 24128017

Date Received : Nov 08, 2024

Date Reported : Dec 06, 2024

Report Number : 3159958-1 Rev. No.1

Page 2 of 2

Sample Number	24128017-2
Sampled Date	Nov 06, 2024
Sample Description	Wastewater
Location	Manhole บ่อที่ 2
Date Analysis Commenced	Nov 08, 2024
Condition of Sample	Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	4.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Note : This Analysis test report is reissued to supersede report No.3159958-1, Date Reported : Nov 13, 2024 due to revise client information.

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Approved by

Chontichak

Chonticha Subongkoch
Scientist (3)

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RIGHT SOLUTIONS RIGHT PARTNER

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของบริษัทยิงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Wastewater
Sampling By : Kittisak Jukkaew (๖-๑๘๑-๖-๐๐๓๑)
Sampling Date : December 16, 2024

Work Request No. : 853/24
Sample Received Date : December 16, 2024
Report No. : 2058/24
Reported Date : December 23, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
161224/4	บ่อน้ำหน้าก่อนปล่อย สู่รางระบายน้ำสาธารณะ						
		pH ^{1/}	Electrometric Method (4500-H ⁺ B)	December 16, 2024	6.4	-	Turbid, Sediment
		Biochemical Oxygen Demand ^{1/}	5-Day BOD Test, Azide Modification Method (5210 B)	December 18-23, 2024	18.3	mg/L	Turbid, Sediment
		Oil & Grease ^{1/}	Liquid-Liquid, Partition-Gravimetric Method (5520 B)	December 16, 2024	<5.0	mg/L	Turbid, Sediment
		Settleable Solids ^{1/}	Imhoff cone (2540 F)	December 19, 2024	<0.1	ml/L	Turbid, Sediment
		Sulfide ^{1/}	Iodometric Method (4500-S ²⁻ F)	December 16, 2024	<1.0	mg/L	Turbid, Sediment
		Total Dissolved Solids	Dried at 180 °C Method (2540 C)	December 17, 2024	298	mg/L	Turbid, Sediment
		Total Suspended Solids	Dried at 103-105 °C Method (2540 D)	December 17, 2024	17.8	mg/L	Turbid, Sediment

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

: ^{1/} Parameter are not accredited ISO/IEC 17025.

: STS GREEN CO., LTD เลขทะเบียน ๖-๑๘๑

Pudchamon Phettoon

(Ms. Pudchamon Phettoon)

Chemist

๖-๑๘๑-๖-๐๐๐๑

December 23, 2024

Kasidit Y

(Mr. Kasidit Yasongkram)

Laboratory Supervisor

๖-๑๘๑-๖-๐๐๐๒

December 23, 2024

TEST REPORT

Client : STS GREEN CO., LTD.
Address : 3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani 12150, Thailand
Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหยงชิง (ปราจีนบุรี)
ของ บริษัท หยงชิง สตีล (ไทยแลนด์) จำกัด
Sample Type : Water supply
Sampling By : Environmental Monitoring Section/STS GREEN COMPANY LIMITED
Sampling Date : December 16, 2024

Work Request No. : 853/24
Sample Received Date : December 16, 2024
Report No. : 2059/24
Reported Date : December 23, 2024

ID.No.	Sample Name	Parameters	Analytical Methods	Analytical Date	Results	Units	Sample Description
161224/5	น้ำใช้โครงการ	Total Dissolved Solids	Dried at 180 °C Method (2540 C)	December 17, 2024	86.0	mg/L	Clear

Method : Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017.

Remarks : Reported results refer to submitted samples only. This analytical report will not be reproduced in part for such purposes.

: Sampling is not accredited ISO/IEC 17025.

Pudchamon Phettoon
(Ms. Pudchamon Phettoon)

Chemist

December 23, 2024

Kasidit Y
(Mr. Kasidit Yasongkram)

Laboratory Supervisor

December 23, 2024

STS Group



Analysis / Test Report

TESTING
No.0042

Lot ID: 24139815

Date Received : Dec 16, 2024

Date Reported : Dec 21, 2024

Report Number : 3189834-1

Client : STS Green Co., Ltd.

3/23 Moo 5, Lat Sawai, Lam Luk Ka, Pathum Thani Thailand 12150

P/O :

Project Name : โครงการอาคารอยู่อาศัยสวัสดิการสำหรับพนักงานหญิง (ปราจีนบุรี) ของบริษัท หญิงซิง
สตีล (ไทยแลนด์) จำกัด

Project Location :

Page 1 of 1

Sample Number 24139815-1
Sampled Date Dec 16, 2024 11:05 AM
Sample Description Wastewater
Location บ่อหน้าของโครงการ
Date Analysis Commenced Dec 16, 2024
Condition of Sample Contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
Water Testing						
Total Kjeldahl Nitrogen as N	mg/L	-	1.0	2.1	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C), part NH3 (D)	Rayong

Sampling By : Suphanat Sakulkittimasak ทะเบียนเลขที่ ว-323-จ-0021

Remark :

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

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-0028

Approved by

D. Chamon.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-0001

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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