



Ref No. : 0303/17008

## CERTIFICATE OF TESTING LABORATORY ACCREDITATION

This is to certify that

*Laboratory of Water Analysis Center Co., Ltd.  
1/94 Moo 5, Tambon Kanharm, Amphoe U-Thai,  
Changwat Phra Nakhon Si Ayutthaya 13210*

has successfully undergone assessment according to ISO/IEC 17025 : 2017  
and under the Bureau of Laboratory Accreditation, Department of Science Service  
for the requirements, regulations and criteria for the competence of testing laboratories

LABORATORY ACCREDITATION  
Accreditation Number TESTING - 0029  
BLA-DSS

The scope of accreditation is as annexed hereto

Issue date : 7<sup>th</sup> November 2022

Expired date : 6<sup>th</sup> November 2026

Signature : 

(Mrs. Pochaman Tagheen)

Director of Bureau of Laboratory Accreditation

## Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Water Analysis Center Co., Ltd.

Address : 1/94 Moo 5, Tambon Kanharm, Amphoe U-Thai,  
Changwat Phra Nakhon Si Ayutthaya 13210

Accreditation Number : Testing - 0029

Laboratory Status : ☒ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Bottled drinking water	- Chloride 6 mg/L to 1 000 mg/L  - Total hardness (Calculated as CaCO <sub>3</sub> ) 5 mg/L to 2 000 mg/L  - Total solids dried at 103 °C to 105 °C 25 mg/L to 4 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500-Cl <sup>-</sup> B  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2340 C  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 B

Initial Issue Date 23<sup>rd</sup> September 2008

Issue Number 13

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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Laboratory Name : Laboratory of Water Analysis Center Co., Ltd.

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Changwat Phra Nakhon Si Ayutthaya 13210

Accreditation Number : Testing - 0029

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Bottled drinking water	- Manganese 0.05 mg/L to 5 mg/L  - Iron 0.10 mg/L to 5 mg/L  - Cadmium 1 µg/L to 5 µg/L  - Lead 10 µg/L to 50 µg/L  - pH 6.0 to 8.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3111 B, 3030 E          Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3113 B, 3030 E          In - house method : TM 001 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500-H <sup>+</sup> B

Initial Issue Date 23<sup>rd</sup> September 2008

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Laboratory Status : ☒ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2	Water	<p>- pH 6.0 to 10.0</p> <p>- Total suspended solids dried at 103 °C to 105 °C 10 mg/L to 1 000 mg/L</p> <p>- Total dissolved solids dried at 180 °C 25 mg/L to 4 000 mg/L</p>	<p>In - house method : TM 001 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 4500-H<sup>+</sup> B</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 2540 D</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 2540 C</p>

Initial Issue Date 23<sup>rd</sup> September 2008

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	Water	- Cadmium 0.02 mg/L to 0.9 mg/L  - Copper 0.05 mg/L to 5 mg/L  - Zinc 0.05 mg/L to 5 mg/L  - Chromium 0.05 mg/L to 5 mg/L  - Nickel 0.10 mg/L to 4 mg/L  - Manganese 0.05 mg/L to 5 mg/L  - Lead 0.10 mg/L to 2 mg/L  - Iron 0.10 mg/L to 5 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3111 B, 3030 E

Initial Issue Date 23<sup>rd</sup> September 2008

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	Water	- Water soluble silica (Calculated as $\text{SiO}_2$ ) 1.1 mg/L to 26 mg/L  - Chloride 6 mg/L to 1 000 mg/L  - Total hardness (Calculated as $\text{CaCO}_3$ ) 5 mg/L to 2 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500- $\text{SiO}_2$ C  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500- $\text{Cl}^-$ B  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2340 C

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	Water	- BOD 2 mg/L to 500 mg/L	In - house method : TM 041 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 5210 B
		- BOD 2 mg/L to 500 mg/L	In - house method : TM 013 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 5210 B, part 4500-O C
		- COD 40 mg/L to 200 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 5220 C

Initial Issue Date 23<sup>rd</sup> September 2008

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	Water	- Total Kjeldahl Nitrogen 5 mg/L to 200 mg/L  - Oil and grease 2 mg/L to 100 mg/L  - Total solids dried at 103 °C to 105 °C 25 mg/L to 4 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500-NH <sub>3</sub> C, part 4500-N <sub>org</sub> B  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 5520 D  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 B

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	Water	- Selenium 5 µg/L to 50 µg/L  - Arsenic 5 µg/L to 50 µg/L  - Barium 0.5 mg/L to 5 mg/L  - Cadmium 1 µg/L to 5 µg/L - Lead 10 µg/L to 50 µg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3114 C  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3111 D, 3030 E  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3113 B, 3030 E

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3	Wastewater	<p>- pH 4.0 to 10.0</p> <p>- Total suspended solids dried at 103 °C to 105 °C 10 mg/L to 1 000 mg/L</p> <p>- Total dissolved solids dried at 180 °C 50 mg/L to 4 000 mg/L</p>	<p>In - house method : TM 001 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 4500 - H<sup>+</sup> B</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 2540 D</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 2540 C</p>

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3 (cont.)	Wastewater	- Cadmium 0.02 mg/L to 0.9 mg/L - Copper 0.05 mg/L to 5 mg/L - Zinc 0.05 mg/L to 5 mg/L - Chromium 0.05 mg/L to 5 mg/L - Nickel 0.10 mg/L to 4 mg/L - Manganese 0.05 mg/L to 5 mg/L - Lead 0.10 mg/L to 2 mg/L - Iron 0.10 mg/L to 5 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3111 B, 3030 E

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3 (cont.)	Wastewater	<p>- Total hardness (Calculated as <math>\text{CaCO}_3</math>) 5 mg/L to 2 000 mg/L</p> <p>- BOD 4 mg/L to 7 000 mg/L</p> <p>- BOD 4 mg/L to 7 000 mg/L</p>	<p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 2340 C</p> <p>In - house method : TM 041 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 5210 B</p> <p>In - house method : TM 013 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 5210 B, part 4500-O C</p>

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3 (cont.)	Wastewater	- COD 40 mg/L to 3 000 mg/L  - Total Kjeldahl Nitrogen 5 mg/L to 200 mg/L  - Oil and grease 2 mg/L to 1 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 5220 C  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500-NH <sub>3</sub> C, 4500-N <sub>org</sub> B  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 5520 D

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3 (cont.)	Wastewater	- Total solids dried at 103 °C to 105 °C 25 mg/L to 4 000 mg/L  - Selenium 5 µg/L to 50 µg/L  - Arsenic 5 µg/L to 50 µg/L  - Barium 0.5 mg/L to 5 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 B  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3114 C  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3111 D, 3030 E

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
4	Environmental noise	- Sound level  Equivalent sound level $L_{eq,T}$ 30 dB (A) to 120 dB (A)  Maximum sound level $L_{max}$ 30 dB (A) to 120 dB (A)	In - house method : TM 201  based on ISO 1996-2 : 2017

Issue Date : 7<sup>th</sup> November 2022

Signature :

(Mrs. Pochaman Tagheen)

Director of Bureau of Laboratory Accreditation

Initial Issue Date 23<sup>rd</sup> September 2008

Issue Number 13

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# บริษัท ศูนย์วิเคราะห์น้ำ จำกัด

WATER ANALYSIS CENTER COMPANY LIMITED

1/94 หมู่ 5 ต. คานหาม อ. อุทัย จ. พระนครศรีอยุธยา 13210

1/94 Moo 5, T.Kanham, A.U-Thai, Ayutthaya 13210, Thailand

Tel : 035-226-383 , 035-800-593 Fax : 035-800-594



TESTING  
No.0029

## ANALYSIS REPORT

Page 1 of 1

**Customer Name** : นิติบุคคลอาคารชุด ศาลาแดง เรสซิเดนซ์

**Address** : ซอยศาลาแดง 1 แขวงสีลม เขตบางรัก กรุงเทพมหานคร

**Contact** : K.Somjai Kulkratok **Phone** : 02-1632112, 086-367-9007

**E.mail** : SaladaengResidences@savills.co.th

**Samplly Type** : Waste water **Sample Site#** : โครงการ ศาลาแดง เรสซิเดนซ์

**Sampling Method#** : Grab

**Sampling Date#** : 31/01/2025 **Sampling By#** : Customer

**Receive Date** : 01/03/2025

**Analysis Date** : 01-10/03/2025 **Report Date** : 10/03/2025

**Report No.** : R 01548/68

Parameter	Unit	Method	WC 01839/68 น้ำทิ้งก่อนการบำบัด	WC 01840/68 น้ำทิ้งหลังผ่านการบำบัด	Standard *
pH	-	In-house method: TM 001	7.3 (25°C)	7.5 (25°C)	5.5-9.0
BOD	mg/L	In-house method: TM 041	54	< 4	≤ 30
Residual Chlorine	mg/L as Cl <sub>2</sub>	Colorimetric	-	0.05 #	-
Total Suspended Solid	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 2540 D	108	< 10	≤ 40
Oil & Grease	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 5520 D	8	< 2	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 4500-NorgB, NH <sub>3</sub> C	67	6	≤ 35
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	2.2 x 10 <sup>6</sup> #	33 #	-
Sample Characterization		Observation	ขุ่นมีตะกอน	ใส	

**Remark** : In-house method : TM 001 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-H<sub>2</sub>B

In-house method : TM 041 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-OG, 5210 B

Limit of Quantitation ; LOQ (BOD=4 mg/L, SS=10 mg/L, Oil & Grease=2 mg/L, TKN=5 mg/L as N, )

# It is outside the scope of ISO/IEC 17025

\* ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (อาคารประเภท ข) พ.ศ.2567

-: End Of Report :-

Laboratory Staff

(Miss. Waraporn Wanviset)

Chemist

ว-190-จ-0004

Approved By

(Mrs. Neeramol Phadungsong)

General Manager

ว-190-ค-0001

The results relate only to the items tested. Test report shall not be reproduced except in full, without written approval of the laboratory



บริษัท ศูนย์วิเคราะห์น้ำ จำกัด  
WATER ANALYSIS CENTER COMPANY LIMITED  
1/94 หมู่ 5 ต. คานหาม อ. อุทัย จ. พระนครศรีอยุธยา 13210  
1/94 Moo 5, T.Kanham, A.U.-Thai, Ayutthaya 13210, Thailand  
Tel : 035-226-383 , 035-800-593 Fax : 035-800-594



TESTING  
No.0029

## ANALYSIS REPORT

Page 1 of 1

**Customer Name** : นิติบุคคลอาคารชุด ศาลาแดง เรสซิเดนซ์  
**Address** : ซอยศาลาแดง 1 แขวงสีลม เขตบางรัก กรุงเทพมหานคร  
**Contact** : K.Somjai Kulkratok **Phone** : 02-1632112, 086-367-9007 **E.mail** : SaladaengResidences@savills.co.th  
**Samplly Type** : Waste water **Sample Site#** : โครงการ ศาลาแดง เรสซิเดนซ์ **Sampling Method#** : Grab  
**Sampling Date#** : 28/02/2025 **Sampling By#** : Customer **Receive Date** : 01/03/2025  
**Analysis Date** : 01-10/03/2025 **Report Date** : 10/03/2025 **Report No.** : R 01549/68

Parameter	Unit	Method	WC 01841/68 น้ำทิ้งก่อนการบำบัด	WC 01842/68 น้ำทิ้งหลังผ่านการบำบัด	Standard *
pH	-	In-house method: TM 001	7.3 (25°C)	7.6 (25°C)	5.5-9.0
BOD	mg/L	In-house method: TM 041	54	< 4	≤ 30
Residual Chlorine	mg/L as Cl <sub>2</sub>	Colorimetric	-	0.04 #	-
Total Suspended Solid	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 2540 D	108	< 10	≤ 40
Oil & Grease	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 5520 D	9	< 2	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 4500-NorgB, NH <sub>3</sub> C	61	6	≤ 35
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	9.2 x 10 <sup>6</sup> #	23 #	-
Sample Characterization		Observation	ขุ่นมีตะกอน	ใส	

**Remark** : In-house method : TM 001 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-H<sup>+</sup>B  
In-house method : TM 041 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-OG, 5210 B  
Limit of Quantitation : LOQ (BOD=4 mg/L, SS=10 mg/L, Oil & Grease=2 mg/L, TKN=5 mg/L as N, )  
\* It is outside the scope of ISO/IEC 17025  
\* ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (อาคารประเภท ข) พ.ศ.2567

-: End Of Report :-

Laboratory Staff

(Miss. Orawan Sritai)

Chemist

ว-190-จ-0007

Approved By

(Mrs. Neeramol Phadungsong)

General Manager

ว-190-ค-0001

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## ANALYSIS REPORT

Page 1 of 1

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**Address** : ซอยศาลาแดง 1 แขวงสีลม เขตบางรัก กรุงเทพมหานคร  
**Contact** : K.Somjai Kulkratok **Phone** : 02-1632112, 086-367-9007 **E.mail** : SaladaengResidences@savills.co.th  
**Samplly Type** : Waste water **Sample Site#** : โครงการ ศาลาแดง เรสซิเดนซ์  
**Sampling Date#** : 26/03/2025 **Sampling By#** : MANOP (ว-190-จ-0011) **Receive Date** : 26/03/2025  
**Analysis Date** : 26/03/2025-02/04/2025 **Report Date** : 02/04/2025 **Report No.** : R 02253/68

Parameter	Unit	Method	WC 02712/68 น้ำทิ้งก่อนการบำบัด	WC 02713/68 น้ำทิ้งหลังผ่านการบำบัด	Standard *
pH	-	In-house method: TM 001	8.0 (25°C)	8.1 (25°C)	5.5-9.0
BOD	mg/L	In-house method: TM 041	57	< 4	≤ 30
Residual Chlorine	mg/L as Cl <sub>2</sub>	Colorimetric	-	0.03 #	-
Total Suspended Solid	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 2540 D	30	< 10	≤ 40
Oil & Grease	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 5520 D	8	< 2	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 4500-NorgB, NH <sub>3</sub> C	49	< 5	≤ 35
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	5.4 x 10 <sup>6</sup> #	2.0 #	-
Sample Characterization		Observation	ขุ่นมีตะกอน	ใส	

**Remark** : In-house method : TM 001 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-H<sup>+</sup>B  
In-house method : TM 041 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-OG, 5210 B  
Limit of Quantitation ; LOQ (BOD=4 mg/L, SS=10 mg/L, Oil & Grease=2 mg/L, TKN=5 mg/L as N, )  
# It is outside the scope of ISO/IEC 17025  
\* ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (อาคารประเภท ข) พ.ศ.2567

-: End Of Report :-

Laboratory Staff

(Miss. Orawan Sritai)

Chemist

ว-190-จ-0007

Approved By

(Mrs. Neeramol Phadungsong)

General Manager

ว-190-ค-0001

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บริษัท ศูนย์วิเคราะห์น้ำ จำกัด  
WATER ANALYSIS CENTER COMPANY LIMITED  
1/94 หมู่ 5 ต. คานหาม อ. อุทัย จ. พระนครศรีอยุธยา 13210  
1/94 Moo 5, T.Kanham, A.U-Thai, Ayutthaya 13210, Thailand  
Tel : 035-226-383 , 035-800-593 Fax : 035-800-594



TESTING  
No.0029

## ANALYSIS REPORT

Page 1 of 1

**Customer Name** : นิติบุคคลอาคารชุด ศาลาแดง เรสซิเดนซ์  
**Address** : ซอยศาลาแดง 1 แขวงสีลม เขตบางรัก กรุงเทพมหานคร  
**Contact** : K.Somjai Kulkratok **Phone** : 02-1632112, 086-367-9007 **E.mail** : SaladaengResidences@savills.co.th  
**Sample Type** : Waste water **Sample Site#** : โครงการ ศาลาแดง เรสซิเดนซ์ **Sampling Method#** : Grab  
**Sampling Date#** : 25/04/2025 **Sampling By#** : JITTAWEE (ว-190-จ-0028) **Receive Date** : 26/04/2025  
**Analysis Date** : 26/04/2025-05/05/2025 **Report Date** : 05/05/2025 **Report No.** : R 03020/68

Parameter	Unit	Method	WC 03596/68 น้ำตั้งก่อนการบำบัด	WC 03597/68 น้ำตั้งหลังผ่านการบำบัด	Standard *
pH	-	In-house method: TM 001	8.0 (25°C)	8.0 (25°C)	5.5-9.0
BOD	mg/L	In-house method: TM 041	52	< 4	≤ 30
Residual Chlorine	mg/L as Cl <sub>2</sub>	Colorimetric	-	0.04 #	-
Total Suspended Solid	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 2540 D	95	< 10	≤ 40
Oil & Grease	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 5520 D	8	< 2	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 4500-NorgB, NH <sub>3</sub> C	59	< 5	≤ 35
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	1.4 x 10 <sup>6</sup> #	< 1.8 #	-

Sample Characterization	Observation	ก่อนมีตะกอน	ใสมีตะกอน
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**Remark** : In-house method : TM 001 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-H<sup>+</sup>B  
In-house method : TM 041 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-OG, 5210 B  
Limit of Quantitation ; LOQ (BOD=4 mg/L, SS=10 mg/L, Oil & Grease=2 mg/L, TKN=5 mg/L as N, )  
# It is outside the scope of ISO/IEC 17025  
\* ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (อาคารประเภท ข) พ.ศ.2567

-: End Of Report :-

Laboratory Staff

(Miss. Orawan Sritai)

Chemist

ว-190-จ-0007

Approved By

(Mrs. Neeramol Phadungsong)

General Manager

ว-190-ค-0001

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1/94 Moo 5, T.Kanham, A.U-Thai, Ayutthaya 13210, Thailand  
Tel : 035-226-383 , 035-800-593 Fax : 035-800-594



TESTING  
No.0029

## ANALYSIS REPORT

Page 1 of 1

**Customer Name** : นิติบุคคลอาคารชุด ศาลาแดง เรสซิเดนเซส  
**Address** : ซอยศาลาแดง 1 แขวงสีลม เขตบางรัก กรุงเทพมหานคร  
**Contact** : K.Somjai Kulkratok **Phone** : 02-1632112, 086-367-9007 **E.mail** : SaladaengResidences@savills.co.th  
**Sample Type** : Waste water **Sample Site#** : โครงการ ศาลาแดง เรสซิเดนเซส **Sampling Method#** : Grab  
**Sampling Date#** : 26/05/2025 **Sampling By#** : MANOP (ว-190-จ-0011) **Receive Date** : 26/05/2025  
**Analysis Date** : 26/05/2025-02/06/2025 **Report Date** : 02/06/2025 **Report No.** : R 03791/68

Parameter	Unit	Method	WC 04528/68 น้ำทิ้งก่อนการบำบัด	WC 04529/68 น้ำทิ้งหลังผ่านการบำบัด	Standard *
pH	-	In-house method: TM 001	7.8 (25°C)	7.7 (25°C)	5.5-9.0
BOD	mg/L	In-house method: TM 041	72	< 4	≤ 30
Residual Chlorine	mg/L as Cl <sub>2</sub>	Colorimetric	-	0.04 #	-
Total Suspended Solid	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 2540 D	29	< 10	≤ 40
Oil & Grease	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 5520 D	7	< 2	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 4500-NorgB, NH <sub>3</sub> C	56	< 5	≤ 35
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	5.4 x 10 <sup>6</sup> #	4.5 #	-

**Sample Characterization** Observation ขุ่นมีตะกอน ใส

**Remark** : In-house method : TM 001 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-H<sup>+</sup>B  
In-house method : TM 041 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-OG, 5210 B  
Limit of Quantitation ; LOQ (BOD=4 mg/L, SS=10 mg/L, Oil & Grease=2 mg/L, TKN=5 mg/L as N, )  
# It is outside the scope of ISO/IEC 17025  
\* ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (อาคารประเภท ข) พ.ศ.2567

-: End Of Report :-

Laboratory Staff

(Miss. Suwalee Bangsaengorn)

Chemist

ว-190-จ-0003

Approved By

(Mrs. Neeramo Phadungsong)

General Manager

ว-190-ค-0001

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## ANALYSIS REPORT

Page 1 of 1

**Customer Name** : นิติบุคคลอาคารชุด ศาลาแดง เรสซิเดนซ์  
**Address** : ซอยศาลาแดง 1 แขวงสีลม เขตบางรัก กรุงเทพมหานคร  
**Contact** : K.Somjai Kulkratok **Phone** : 02-1632112, 086-367-9007 **E.mail** : SaladaengResidences@savills.co.th  
**Samplly Type** : Waste water **Sample Site#** : โครงการ ศาลาแดง เรสซิเดนซ์ **Sampling Method#** : Grab  
**Sampling Date#** : 18/06/2025 **Sampling By#** : JITTAWEE (จ-190-จ-0028) **Receive Date** : 18/06/2025  
**Analysis Date** : 18-26/06/2025 **Report Date** : 26/06/2025 **Report No.** : R 04443/68

Parameter	Unit	Method	WC 05328/68 น้ำทิ้งก่อนการบำบัด	WC 05329/68 น้ำทิ้งหลังผ่านการบำบัด	Standard *
pH	-	In-house method: TM 001	7.6 (25°C)	7.5 (25°C)	5.5-9.0
BOD	mg/L	In-house method: TM 041	40	< 4	≤ 30
Residual Chlorine	mg/L as Cl <sub>2</sub>	Colorimetric	-	0.03 #	-
Total Suspended Solid	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 2540 D	37	< 10	≤ 40
Oil & Grease	mg/L	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 5520 D	4	< 2	≤ 20
Total Kjeldahl Nitrogen	mg/L as N	APHA, AWWA, WEF Edition 23 <sup>rd</sup> 2017, part 4500-NorgB, NH <sub>3</sub> C	49	< 5	≤ 35
Fecal Coliform Bacteria	MPN/100 mL	Thermotolerant (Fecal) Coliform Procedure	9.2 x 10 <sup>6</sup> #	< 1.8 #	-
Sample Characterization		Observation	ขุ่นมีตะกอน	ใส	

**Remark** : In-house method : TM 001 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-H<sup>+</sup>B  
In-house method : TM 041 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23<sup>rd</sup> 2017, part 4500-OG, 5210 B  
Limit of Quantitation : LOQ (BOD=4 mg/L, SS=10 mg/L, Oil & Grease=2 mg/L, TKN=5 mg/L as N, )  
\* It is outside the scope of ISO/IEC 17025  
\* ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง กำหนดมาตรฐานควบคุมการระบายน้ำทิ้งจากอาคารบางประเภทและบางขนาด (อาคารประเภท ข) พ.ศ.2567

-: End Of Report :-

Laboratory Staff

(Miss. Orawan Sritai)

Chemist

จ-190-จ-0007

Approved By

(Mrs. Neeramol Phadungsong)

General Manager

จ-190-ค-0001

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