

## Report for Sample Analysis

CUSTOMER NAME : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115

ADDRESS : 234 ม.4 ต.เทพารักษ์ อ.เมืองสมุทรปราการ จ.สมุทรปราการ 10270

CONTACT DETAILS : คุณ สุรัช TEL: 064 983 6659 E-mail: Nitiideo.s115@gmail.com

SAMPLING SOURCE : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115

SAMPLE TYPE/NAME : Waste Water

REPORT NO. : JEX-Ww-25-J0660

SAMPLING DATE : April 19, 2025

RECEIVED DATE : April 21, 2025

SAMPLING TIME : 14.00 Hour

ANALYTICAL DATE : April 21 - 29, 2025

SAMPLING METHOD : Sampling by Customer

QUOTATION NO. : QL/24/0689/SW/Pw

SAMPLING BY : Sampling by Customer

WORK NO. : Ww-25-J1484

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	70.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	-
pH	-	Electrometric Method	5.5 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	372.2	-
Settleable Solids	mg/l	Imhoff cone	0.8	-
Sulfide	mg/l	Iodometric Method	1.0	-
TKN	mg/l	Semi-Micro Kjeldahl Method	29.1	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	430.6	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	54,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Cloudy	
			Sediment : Black	

Reference: Base on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24<sup>th</sup> ed. Washington, 2023

Standard: Notification of the Ministry of Natural Resources and Environment, Subject: Establish control standards Drainage of wastewater from certain types and buildings of certain sizes, dated June 28, 2024, announced in the Government Gazette, Volume 141, Chapter 233 D, dated 27 August 2024.

Definition \*: The test was subcontracted to another laboratory

Remark: ***Bold-Italic*** number meaning the value out of regulatory standard range

Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

Remark: 1) The above results are valid only for the analyzed / tested sample (s) as indicated in this report only.

2) Do not copy partial of this analysis report without official approval.



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QUOTATION NO. : QL/24/0689/SW/Pw

SAMPLING BY : Sampling by Customer

WORK NO. : Ww-25-J1485

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	9.8	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	< LOQ (5.0)	≤ 20.0
pH	-	Electrometric Method	5.6 (025°C)	5.5-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	12.3	≤ 30
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	<LOQ (1.0)	≤ 1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	<LOQ 4.0)	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	438	≤ 1,000
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	7,900	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Cloudy	
			Sediment : Black	

**Reference:** Base on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24<sup>th</sup> ed. Washington, 2023

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Laboratory Manager:

(Dr. Angsana Romsaiyud)

ว-295-ค-0002

ห้องปฏิบัติการวิเคราะห์เอกชน : ทะเบียนเลขที่ ว-295

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Figure of sample

## 1. Influent



## 2. Effluent



Laboratory Manager: \_\_\_\_\_

(Dr. Angsana Romsaiyud)

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