

## Report for Sample Analysis

CUSTOMER NAME : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115  
ADDRESS : 234 ม.4 ต.เทพารักษ์ อ.เมืองสมุทรปราการ จ.สมุทรปราการ 10270  
CONTACT DETAILS : คุณ สุรัชย์ 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-J0074  
SAMPLING DATE : January 11, 2025 RECEIVED DATE : January 13, 2025  
SAMPLING TIME : 11.00 Hour ANALYTICAL DATE : January 13 - 21, 2025  
SAMPLING METHOD : Sampling by Customer QUOTATION NO. : QL/24/0689/SW/Pw  
SAMPLING BY : Sampling by Customer WORK NO. : Ww-25-J0171

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Influent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	92.0	-
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	-
pH	-	Electrometric Method	7.1 (25°C)	-
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	52.3	-
Settleable Solids	mg/l	Imhoff cone	0.1	-
Sulfide	mg/l	Iodometric Method	<LOQ (1.0)	-
TKN	mg/l	Semi-Micro Kjeldahl Method	20.2	-
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	384	-
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	17,000	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Clear	
			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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SAMPLING BY : Sampling by Customer WORK NO. : Ww-25-J0172

PARAMETERS	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD
			Effluent	
BOD	mg/l	5-Day BOD Test, Azide Modification Method	10.1	≤ 20
Grease and Oil	mg/l	Liquid-Liquid, Partition-Gravimetric Method	<LOQ (5.0)	≤ 20.0
pH	-	Electrometric Method	7.1 (025°C)	5.5-9.0
Total Suspended Solids	mg/l	Total Suspended Solids Dried at 103-105°C	4.4	≤ 30
Settleable Solids	mg/l	Imhoff cone	<0.1	-
Sulfide	mg/l	Iodometric Method	NOT DETECTED	≤ 1.0
TKN	mg/l	Semi-Micro Kjeldahl Method	14.3	≤ 35
Total Dissolved Solids	mg/l	Total Dissolved Solids Dried at 180°C	358	≤ 1,000
Total Coliform Bacteria*	MPN/100ml	Multiple Tube Fermentation Technique	2,300	-
SAMPLE CONDITION			Sample Color / Turbid : Yellow / Clear 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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(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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