



Ecotech Water Systems Co., Ltd.

# Analysis / Test Report

Of

นิติบุคคลอาคารชุด ไฮดีโอ

สุขุมวิท 115

(June 2021)

Ecotech Water Systems Co., Ltd.

20 Soi Kheharomkiao 74 Yaek 6, Ratphatthana, Saphansung, Bangkok 10240;

Tel: (66)2-108 6468-9; Fax: (66)2-061 2809

[www.ecotechthailand.com](http://www.ecotechthailand.com) / [www.ecoilab.com](http://www.ecoilab.com)

---

Ecotech Water Systems Co., Ltd.

20 Soi Kheharomkiao 74 yaek 6, Ratphatthana, Saphansung, Bangkok 10240 Tel: 02-108-6468-9 Fax: 02-061-2809 E-mail: [support@ecolab.com](mailto:support@ecolab.com)



## ANALYSIS / TEST REPORT

Customer Name : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115  
Address : 234 ม.4 ต.เทพาภิรักษ์ อ.เมืองสมุทรปราการ จ.สมุทรปราการ 10270  
Contact Details : คุณ สุรชัย TEL: 064 983 6659 e-mail: Nitideo.s115@gmail.com  
Sampling Source : นิติบุคคลอาคารชุด ไอดีโอ สุขุมวิท 115  
Sample Type / Name : Water Supply  
Sampling Date : June 5, 2021 Sampling Condition : Grab  
Received Date : June 5, 2021 Analytical Date : June 5 - 20, 2021  
Sampling By : Praphan Wongjaesem Analyzed By : Chaloeuwit Singwong  
Report No. : JEX-Sw-21-J0417 Quotation No. : QL/20/0392/W/Pw rev.1

Parameters	Unit	Method of Analysis	RESULT	Regulatory Standard
			Water Supply	
			Sw-21 J0926	
<u>Chemical Properties</u>				
Alkalinity-Bicarbonate	mg/L	Titration method	116	
Alkalinity-Carbonate	mg/L	Titration method	ND	
Alkalinity-Phenolphthalein	mg/L	Titration method	116	
Alkalinity-Total	mg/L	Titration method	ND	
Chloride	mg/L	Iodometric method	54.5	< 250
Color	PCU	Visual Comparison method	None	< 15
Conductivity	µs/cm	Electrical Conductivity method	470	
Hardness-Calcium	mg/L	EDTA Titrimetric method	108	
Hardness-Magnesium	mg/L	EDTA Titrimetric method	46	
Hardness-Total	mg/L	EDTA Titrimetric method	154	
pH	-	Electrometric method	7.7 (25°C)	6.5-8.5
Silica	mg/L	Molybdosilicate method	6.0	
Iron	mg/L	Phenanthroline method	0.18	< 0.3
Total Dissolved Solids	mg/L	Laboratory method	282	< 1,000
Turbidity	NTU	Nephelometric method	1.0	< 4.0
<u>Microbial Properties</u>				
<i>E. coli</i>	MPN/ml	Multiple Tube Fermentation Technique	ABSENCE	ABSENCE
Total Coliform Bactera	MPN/ml	Multiple Tube Fermentation Technique	< 1.1	< 1.1

**Reference:** APHA, AWWA, AND WEF. Standard Methods for the Examination of Water and Wastewater. 23rd ed. Washington, DC: APHA, 2017

**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 November 7, 2005, announced in the Government Gazette, Volume 122, Chapter 125 D, dated 29 December 2005

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

(Dr. Angsana Romsaiyud)

1-295-8-8288

**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



<b>Definition:</b>	
*	Analysis by Ecotech Water Systems Co., Ltd / eco-i Laboratory
**	The test was subcontracted to the another laboratory
<	Less than
IN-HOUSE	Based on standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017
LOQ	Limit of Quantitation
mg/l	Milligram per Liter
ND	Non-Detectable
SM	Standard methods for the examination of water and wastewater, APHA, AWWA, WEF, 23th edition, 2017

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

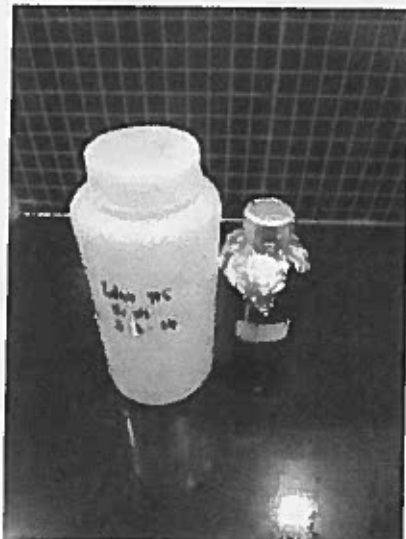
(Dr. Angsana Romsaiyud)

T-295-A-8288

- 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.

Figure of sample

1. Water Supply



Laboratory Manager

  
(Dr. Angsana Romsalyud)  
0-295-8-8288

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