

	Environmental Management Bureau
	Regional Environmental Laboratory Region VIII
	Brgy. Baras, Palo, Leyte
Certificate of Analysis	

Department: ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-AMBIENT SECTION

Name/Source:	RTR Hospital (Compliance Monitoring)		
Address/Location:	Calanipawan, Tacloban City		
Sampled by:	S. Silleza		
Date Arrived:	Feb 14, 2022 @ 8:58 AM	Date Acknowledged:	Feb 14, 2022 @ 8:59 AM
Date Reported:	Feb 18, 2022 @ 4:38 PM		

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information
2022-037	2208-125	Feb 14, 2022 @ 7:50 AM	Effluent	water sample placed in 1000-mL plastic bottle labeled "RTR Hospital"

Environmental conditions during analysis:

Relative humidity: 54.1%

Temperature: 22.3°C

CHARACTERISTICS:

Parameters	Date Analyzed	Lab sample no.
		125
True Color, TCU	14-Feb-22	5
TSS mg/L	18-Feb-22	ND
PO ₄ ³⁻ as P, mg/L	14-Feb-22	0.100
NO ₃ ⁻ as N, mg/L	14-Feb-22	0.31
pH	14-Feb-22	7.62
Temperature, °C	14-Feb-22	16.2

Method used: True color - Visual comparison method

TSS - Gravimetric Method, dried @ 103-105 °C

Phosphate(PO₄³⁻) as P - Ascorbic acid method

Nitrate (NO₃⁻) as N - Ion chromatography with Chemical Suppression of Eluent Conductivity

pH - Electrometric method

Temperature - Electrometric method

Method detection limit (MDL):

True color 5 TCU

TSS 2.3 mg/L

NO₃⁻, mg/L 0.069 mg/L

Reference: Standard Methods for the Examination of Water and Wastewater, 23rd ed., 2017, AHA, AWWA, WEF

Remarks

1. This certificate of analysis is based on the sample as received by this office.
2. This certificate of analysis shall not be reproduced in full, without written approval from issuing laboratory.
3. ND : "not detected", < MDL
4. DL : detection limit

Analyzed by:

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Approved by:

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OIC - Chief EMED

Noted by:

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OIC - Regional Director