

Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY

Cordillera Administrative Region Regional Standards and Testing Laboratory

DENR RECOGNIZED C.R No. 078/2019

DOH ACCREDITED 14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No.

: CAR-012021-MIC-0045

Date Submitted

: January 13, 2021

Date Analyzed

: January 13-15, 2021

: January 18, 2021

Date Reported Submitted by

: Customer Name

Name of Company : LA TRINIDAD WATER DISTRICT

Address

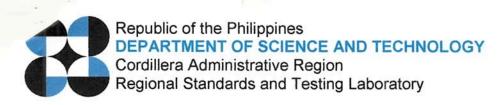
: Km. 4, Balili, La Trinidad, Benguet

Page	: Page 1 of 2		
SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT
MIC-0071 to MIC-0092		Total Coliform Count	2T - <1.1 MPN/100 mL 3T - <1.1 MPN/100 mL 4T - <1.1 MPN/100 mL 5T - <1.1 MPN/100 mL 6T - <1.1 MPN/100 mL 8T - <1.1 MPN/100 mL 9T - <1.1 MPN/100 mL 12T - <1.1 MPN/100 mL 14T - <1.1 MPN/100 mL LubasT - <1.1 MPN/100 mL JICAT1 - <1.1 MPN/100 mL JICAT2 - <1.1 MPN/100 mL PPSST1 - <1.1 MPN/100 mL SWAMPT - <1.1 MPN/100 mL PICOWELLT1 - <1.1 MPN/100 mL PICOWELLT2 - <1.1 MPN/100 mL MCWFPT - <1.1 MPN/100 mL Ampasit - <1.1 MPN/100 mL SPEDT - <1.1 MPN/100 mL
		E. coli	All samples (terminal) - <1.1 MPN/100 mL
		Heterotrophic Plate Count	2T - 2* CFU/mL 3T - <1* CFU/mL 4T - <1* CFU/mL 5T - <1** CFU/mL 6T - <1* CFU/mL 8T - 335 CFU/mL 9T - <1* CFU/mL 12T - <1* CFU/mL 14T - <1* CFU/mL LubasT - <1* CFU/mL JICAT1 - <1* CFU/mL JICAT2 - 430 CFU/mL PPSST1 - <1** CFU/mL SWAMPT - <1** CFU/mL AT - <1** CFU/mL PICOWELLT1 - <1** CFU/mL PICOWELLT2 - <1** CFU/mL

Address: BSU Compound, Km.6, La Trinidad, Benguet 2601

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MIC-0071 to MIC-0092	20 Domestic water samples from terminal points placed in	Heterotrophic Plate Count	MCWFP _T <1** CFU/mL Ampasit _t <1** CFU/mL SPED _T <1** CFU/mL	
	sterilized reagent bottle and with written label, 2_T , 3_T , 4_T , 5_T , 6_T , 8_T , 9_T , 12_T , 14_T , Lubas _T ,			
	JICA _{T1} , JICA _{T2} PPSS _{T1} , SWAMP _T , A _T , PICOWELL _{T1} , PICOWELL _{T2} , MCWFP _T , Ampasit _t and SPED _T .	2		

METHODOLOGY:

Total Coliform Count / Escherichia coli

Multiple Tube Fermentation Technique-Most Probable Number (MPN). Following Standard Methods for the Examination of Water and Waste Water, 23rd Edition 2017, Microbiological Examination 9000: 9221B; 9223A and B (Modified) and in accordance with Merck Microbiological Manual, 12th Edition.

Heterotrophic Plate Count.

Pour Plate - Colony Forming Units (CFU) per mL. Following Standard Methods for the Examination of Water and Waste Water, 23rd Edition 2017, Microbiological Examination 9000: 9050C; 9215A and B.

REMARKS: Domestic water samples from all terminal points are NEGATIVE for E. coli. Heterotrophic Plate Count of all water samples are within the standard limit set by the PNSDW.

The results given in this report are those obtained at the time of test and refer only to the particular sample submitted. This report shall not be reproduced except in full, without the written approval of the laboratory.

* Estimated Heterotrophic Plate Count

Analyzed by:

Certified by:

Approved for Release by:

CLARISA ANGELLI N. LUBRICA

JAMIE BETH B. GALIAN

ANGEL L

Analyst

Technical Manager

Quality Manager

Note: Report of analysis is not valid without seal and all entries written in bold italics are data provided by the customer.

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: Page 1 of 1

SAMPLE	SAMPLE DESCRIPTION	TEST	RESULT
MIC-0092	Raw water sample, placed in a glass bottle, covered with orange cap, without	Total Coliform Count	< 1.1 MPN/100mL
	seal, and with label, AFTER UV.	E. coli	< 1.1 MPN/100mL
		Heterotrophic Plate Count	<1* CFU/mL

METHODOLOGY:

Total Coliform Count / Escherichia coli

Multiple Tube Fermentation Technique-Most Probable Number (MPN). Following Standard Methods for the Examination of Water and Waste Water, 23rd Edition 2017, Microbiological Examination 9000: 9221B; 9223A and B (Modified) and in accordance with Merck Microbiological Manual, 12th Edition.

Heterotrophic Plate Count.

Pour Plate - Colony Forming Units (CFU) per mL. Following Standard Methods for the Examination of Water and Waste Water, 23rd Edition 2017, Microbiological Examination 9000: 9050C; 9215A and B.

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