

DOH ACCREDITED 14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No.

: CAR-042020-MIC-0264 and MIC-0266

Date Submitted

: May 11, 2020 : May 11-13, 2020

Date Analyzed Date Reported

Page

: May 15, 2020

Submitted by

: Customer Name

Address

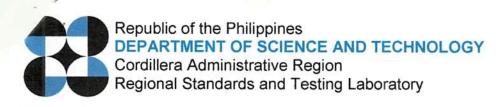
Name of Company : LA TRINIDAD WATER DISTRICT : Km. 4, La Trinidad, Benguet

: Page 1 of 2

SAMPLE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD* (PNS for Drinking Water, 2017)
MIC-0590 to 0606 and MIC- 0627 to MIC-0635	17 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2s, 3s, 4s, 5s, 6s, 8s, 9s, 12s, 14s, Lubass, As, PPSSs, JICAs1, JICAs2, SWAMPs Picos1 and Picos2.	Total Coliform Count	2s -> 8 MPN/100 mL 3s - <1.1 MPN/100 mL 4s - 4.6 MPN/100 mL 5s - <1.1 MPN/100 mL 6s -<1.1 MPN/100 mL 8s - 4.6 MPN/100 mL 9s - <1.1 MPN/100 mL 12s - <1.1 MPN/100 mL 12s - <1.1 MPN/100mL Lubass - <1.1 MPN/100mL Lubass - <1.1 MPN/100 mL PPSSs -> 8 MPN/100 mL PPSSs -> 8 MPN/100 mL JICAs1 -> 8 MPN/100 mL JICAs2 - <1.1 MPN/100 mL JICAs2 - <1.1 MPN/100 mL Picos1 -> 8 MPN/100 mL Picos1 -> 8 MPN/100 mL	<1.1 MPN/100mL
		E. coli	2s -> 8 MPN/100 mL 4s - 4.6 MPN/100 mL 8s - 4.6 MPN/100 mL 14s -> 8 MPN/100mL PPSSs -> 8 MPN/100mL JICAs1 -> 8 MPN/100mL Swamps -> 8 MPN/100mL Picos1 -> 8 MPN/100mL Picos2 -> 8 MPN/100mL	<1.1 MPN/100mL

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

Tel. No. (63)(074)422-0979 Fax No. (63)(074)422-2214 e-mail address: rstlcar@gmail.com



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Page	: Page 2 of	2		
MIC-0590 to 0606 and MIC- 0627 to MIC-0635	17 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2s, 3s, 4s, 5s, 6s, 8s, 9s, 12s, 14s, Lubass, As, PPSSs, JICAs1, JICAs2, SWAMPs, Picos1 and Picos2.	Heterotrophic Plate Count	2s - 2,050 CFU/mL 3s - 15** 23 CFU/mL 4s - 7** CFU/mL 5s - 14** CFU/mL 6s - 40 CFU/mL 8s - 78 CFU/mL 9s - <1** CFU/mL 12s - 14** CFU/mL 14s - 20** CFU/mL Lubass - 14** CFU/mL Lubass - 14** CFU/mL JICAs1 - 77 CFU/mL JICAs2 - 1** CFU/mL Swamps - 91 CFU/mL Picos1 - 1,295 CFU/100mL Picos2 - 127 CFU/100mL	<500 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.

REMARKS: Domestic water samples from 2s, 4s, 8s, 14s, PPSSs, JICAs1, Swamps, Picos1 and Picos2 POSITIVE for E. coli.

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.

* Philippine National Standards for Drinking Water (PNSDW, 2017)

** Estimated Heterotrophic Plate Count

Analyzed by:

Approved for Release by:

JAMIÉ BÉTH B. GALIAN

Analyst

ANGEL L. MAGUEN

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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SAMPLE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD* (PNS for Drinking Water, 2017)
MIC-0590 to 0606 and MIC- 0627 to MIC-0635	samples from source points placed in	Total Coliform Count	2s -> 8 MPN/100 mL 3s - <1.1 MPN/100 mL 4s - 4.6 MPN/100 mL 5s - <1.1 MPN/100 mL 6s -<1.1 MPN/100 mL 8s - 4.6 MPN/100 mL 9s - <1.1 MPN/100 mL 12s - <1.1 MPN/100 mL 12s - <1.1 MPN/100 mL Lubass - <1.1 MPN/100mL Lubass - <1.1 MPN/100 mL PPSSs -> 8 MPN/100 mL PPSSs -> 8 MPN/100 mL JICAs1 -> 8 MPN/100 mL JICAs2 - <1.1 MPN/100 mL JICAs2 - <1.1 MPN/100 mL Picos2 - <8 MPN/100 mL Picos2 - <8 MPN/100 mL	<1.1 MPN/100mL
	¥	E. coli	2s -> 8 MPN/100 mL 4s - 4.6 MPN/100 mL 8s - 4.6 MPN/100 mL 14s -> 8 MPN/100mL PPSSs -> 8 MPN/100mL JICAs1 -> 8 MPN/100mL Swamps -> 8 MPN/100mL Picos1 -> 8 MPN/100mL Picos2 -> 8 MPN/100mL	<1.1 MPN/100mL

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Page	: Page 2 of	12		
MIC-0590 to 0606 and MIC- 0627 to MIC-0635	17 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2s, 3s, 4s, 5s, 6s, 8s, 9s, 12s, 14s, Lubass, As, PPSSs, JICAs1, JICAs2, SWAMPs, Picos1 and Picos2.	Heterotrophic Plate Count	2s - 2,050 CFU/mL 3s - 15** 23 CFU/mL 4s - 7** CFU/mL 5s - 14** CFU/mL 6s - 40 CFU/mL 8s - 78 CFU/mL 9s - <1** CFU/mL 12s - 14** CFU/mL 14s - 20** CFU/mL Lubass - 14** CFU/mL Lubass - 14** CFU/mL JICAs - 21** CFU/mL Swamps - 91 CFU/mL Swamps - 91 CFU/mL Picos - 1,295 CFU/100mL Picos - 127 CFU/100mL	<500 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.

REMARKS: Domestic water samples from 2s, 4s, 8s, 14s, PPSSs, JICAs1, Swamps, Picos1 and Picos2 POSITIVE for E. coli.

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* Philippine National Standards for Drinking Water (PNSDW, 2017)

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Approved for Release by:

JAMIE BETH B. GALIAN

Analyst

ANGEL L . MAGUEN

Quality Manager

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Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY

Cordillera Administrative Region Regional Standards and Testing Laboratory

DENR RECOGNIZED C.R No. 078/2015

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REPORT OF ANALYSIS

Req. Ref. No.

: CAR-052020-MIC-0265, MIC-0266 and MIC-0267

Date Submitted

: May 11 and 13, 2020

Date Analyzed Date Reported

: May 11-15, 2020

Submitted by

: May 15, 2020

Submitted by

: Customer Name

Name of Company Address

: LA TRINIDAD WATER DISTRICT : Km. 4, Balili, La Trinidad, Benguet

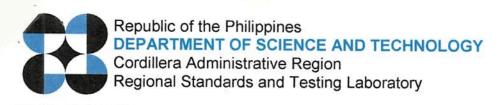
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SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD*
MIC-0607 to MIC- 0626 0638 to MIC- 0639 & MIC 0640 to MIC- 0641	18 Domestic water samples from terminal points placed in sterilized reagent bottle and with written label, 2 _T , 3 _T , 4 _T , 5 _T , 6 _T , 8 _T , 9 _T , 12 _T , 14 _T , Lubas _T , JICA _{T2} PPSS _{T1} , SWAMP _T , A _T , PICOWELL _{T1} and PICOWELL _{T2} , MCWFP _T .	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 SWAMPT - <1.1 MPN/100 mL PPSST1 - <1.1 MPN/100 mL AT - <1.1 MPN/100 mL PICOWELLT2 -<1.1 MPN/100 mL PICOWELLT2 -<1.1 MPN/100 mL MCWFPT - <1.1 MPN/100 mL	<1.1 MPN/100 mL
		E. coli	All samples (terminal) – <1.1 MPN/100 mL	<1.1 MPN/100 mL
		Heterotrophic Plate Count	2T - 7** CFU/mL 3T - <1** CFU/mL 4T - <1** CFU/mL 5T - <1** CFU/mL 6T - <1** CFU/mL 8T - 60 CFU/mL 9T - <1** CFU/mL 12T - <1** CFU/mL 14T - 2** CFU/mL LubasT - <1** CFU/mL JICAT1 - <1** CFU/mL JICAT2 - <1** CFU/mL PPSST1 - <1** CFU/mL SWAMPT - <1** CFU/mL PICOWELLT1 - <1** CFU/mL PICOWELLT2 - <1** CFU/mL PICOWELLT2 - <1** CFU/mL MCWFPT - <1** CFU/mL	<500 CFU/mL

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METHODOLOGY:

Total Coliform Count / Escherichia coli

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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.

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