



REPORT OF ANALYSIS

Req. Ref. No. : CAR-092020-MIC-0578; MIC-0579; MIC-0580
Date Submitted : September 8 & 10, 2020
Date Analyzed : September 8-12, 2020
Date Reported : September 14, 2020
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-1224 to MIC- 1240; MIC-1244 MIC-1256	19 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 _{T1} , JICA _{T2} , PPSS _{T1} , SWAMP _T , A _T , PICOWELL _{T1} , PICOWELL _{T2} , MCWFP _T , and Ampasit _t .	Total Coliform Count	2 _T – <1.1 MPN/100 mL 3 _T – <1.1 MPN/100 mL 4 _T – <1.1 MPN/100 mL 5 _T – <1.1 MPN/100 mL 6 _T – <1.1 MPN/100 mL 8 _T – <1.1 MPN/100 mL 9 _T – <1.1 MPN/100 mL 12 _T – <1.1 MPN/100 mL 14 _T – <1.1 MPN/100 mL Lubas _T – <1.1 MPN/100 mL JICA _{T1} – <1.1 MPN/100 mL JICA _{T2} – <1.1 MPN/100 mL PPSS _{T1} – <1.1 MPN/100 mL SWAMP _T – <1.1 MPN/100 mL A _T – <1.1 MPN/100 mL PICOWELL _{T1} – <1.1 MPN/100 mL PICOWELL _{T2} – <1.1 MPN/100 mL MCWFP _T – <1.1 MPN/100 mL Ampasit _t – <1.1 MPN/100 mL
		<i>E. coli</i>	All samples (terminal) – <1.1 MPN/100 mL
		Heterotrophic Plate Count	2 _T – <1** CFU/mL 3 _T – <1** CFU/mL 4 _T – <1** CFU/mL 5 _T – 59 CFU/mL (43-81 CFU/mL) a 6 _T – <1** CFU/mL 8 _T – 255 CFU/mL (186- 349 CFU/mL) a 9 _T – <1** CFU/mL 12 _T – <1** CFU/mL 14 _T – <1** CFU/mL Lubas _T – <1** CFU/mL JICA _{T1} – <1** CFU/mL JICA _{T2} – <1** CFU/mL PPSS _{T1} – <1** CFU/mL SWAMP _T – <1** CFU/mL A _T – <1** CFU/mL PICOWELL _{T1} – <1** CFU/mL PICOWELL _{T2} – <1** CFU/mL



REPORT OF ANALYSIS

Req. Ref. No. : CAR-092020-MIC-0578; MIC-0579; MIC-0580
Date Submitted : September 8 & 10, 2020
Date Analyzed : September 8-12, 2020
Date Reported : September 14, 2020
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km. 4, Balili, La Trinidad, Benguet**

Page : Page 2 of 2

MIC-1224 to MIC- 1240; MIC-1244 MIC-1256	19 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_{T1}, JICA_{T2}, PPSS_{T1}, SWAMP_T, A_T, PICOWELL_{T1}, PICOWELL_{T2}, MCWFP_T, and Ampasit_i.	Heterotrophic Plate Count	MCWFP_T– <1**CFU/mL Ampasit_i– <1.1 MPN/100 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 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.

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

^a Uncertainty of Measurement

** Estimated Heterotrophic Plate Count

Analyzed by:


CLARISA ANGELLI N. LUBRICA
Analyst

Certified by:


JAMIE BETH B. GALIAN
Technical Manager

Approved for Release by:


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.

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
URL: <http://car.dost.gov.ph>



REPORT OF ANALYSIS

Req. Ref. No. : CAR-092020-MIC-0577 and MIC-0579
Date Submitted : September 8, 2020
Date Analyzed : September 8-10, 2020
Date Reported : September 11, 2020
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km. 4, La Trinidad, Benguet**

Page : Page 1 of 2

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT
MIC-1206 to 1223 and MIC-1245 to MIC-1252	18 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2 _s , 3 _s , 4 _s , 5 _s , 6 _s , 8 _s , 9 _s , 12 _s , 14 _s , Lubas _s , A _s , PPSS _s , JICA _{s1} , JICA _{s2} , SWAMP _s , Pico _{s1} , Pico _{s2} and Ampasit _s .	Total Coliform Count	2 _s - >8 MPN/100 mL 3 _s - <1.1 MPN/100 mL 4 _s - >8 MPN/100 mL 5 _s - >8 MPN/100 mL 6 _s - <1.1 MPN/100 mL 8 _s - <1.1 MPN/100 mL 9 _s - <1.1 MPN/100 mL 12 _s - >8.0 MPN/100mL 14 _s - >8 MPN/100mL Lubas _s - >8 MPN/100mL A _s - <1.1 MPN/100 mL PPSS _s - >8 MPN/100mL JICA _{s1} - 4.6 MPN/100mL JICA _{s2} - <1.1 MPN/100mL Swamp _s - <1.1 MPN/100mL Pico _{s1} - <1.1 MPN/100mL Pico _{s2} - <1.1 MPN/100mL Ampasit _s - <1.1 MPN/100mL
		E. coli	2 _s - >8 MPN/100 mL 4 _s - >8 MPN/100 mL 5 _s - 8 MPN/100 mL 12 _s - <1.1 MPN/100mL 14 _s - >8 MPN/100mL Lubas _s - >8 MPN/100mL PPSS _s - >8 MPN/100mL JICA _{s1} - 4.6 MPN/100mL



REPORT OF ANALYSIS

Req. Ref. No. : CAR-092020-MIC-0577 and MIC-0579
Date Submitted : September 8, 2020
Date Analyzed : September 8-10, 2020
Date Reported : September 11, 2020
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km. 4, La Trinidad, Benguet**

Page : Page 2 of 2

MIC-1206 to 1223 and MIC-1245 to MIC-1252	18 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2s, 3s, 4s, 5s, 6s, 8s, 9s, 12s, 14s, Lubas_s, A_s, PPSS_s, JICA_{s1}, JICA_{s2}, SWAMP_s, Pico_s, Pico_{s2} and Ampasit_s.	Heterotrophic Plate Count	2s – 190 CFU/mL (144- 252 CFU/mL) a 3s – <1* CFU/mL 4s – 6* CFU/mL (0-179 CFU/mL) a 5s – 12 CFU/mL (0-387 CFU/mL) a 6s – 32 CFU/mL (24-43 CFU/mL) a 8s – <1*CFU/mL 9s – <1* CFU/mL 12s – 60 CFU/mL (44-81 CFU/mL) a 14s – 256 CFU/mL (191- 344 CFU/mL) a Lubas_s– 660 CFU/mL (483-903 CFU/mL) a A_s – 23* CFU/mL (1- 714 CFU/mL) a PPSS_s – 1,320 CFU/mL (964- 1,808 CFU/mL) a JICA_{s1} – <1* CFU/mL JICA_{s2} – <1* CFU/mL Swamps– 258 CFU/mL (202- 330 CFU/mL) a Pico_{s1} – 13* CFU/mL (1- 335 CFU/mL) a Pico_{s2} – 44 CFU/100mL (32-60 CFU/mL) a Ampasit_s - 96 CFU/100mL (70- 132 CFU/mL) a
--	---	----------------------------------	--

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, 5s, 14s, Lubas_s, PPSS_s and JICA_{s1} are 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.

* Estimated Heterotrophic Plate Count

^a Uncertainty of Measurement

Analyzed by:


CLARISA ANGELLI N. LUBRICA
Analyst

Certified by:


JAMIE BETH B. GALIAN
Technical Manager

Approved for Release by:


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.

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
URL: <http://car.dost.gov.ph>



REPORT OF ANALYSIS

Req. Ref. No. : CAR-092020-MIC-0577 and MIC-0579
Date Submitted : September 8, 2020
Date Analyzed : September 8-10, 2020
Date Reported : September 11, 2020
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km. 4, La Trinidad, Benguet**

Page : Page 1 of 2

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT
MIC-1206 to 1223 and MIC-1245 to MIC-1252	18 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2 _s , 3 _s , 4 _s , 5 _s , 6 _s , 8 _s , 9 _s , 12 _s , 14 _s , Lubas _s , As, PPSS _s , JICA _{s1} , JICA _{s2} , SWAMP _s , Pico _s , Pico _{s2} and Ampasit _s .	Total Coliform Count	2 _s - >8 MPN/100 mL 3 _s - <1.1 MPN/100 mL 4 _s - >8 MPN/100 mL 5 _s - >8 MPN/100 mL 6 _s - <1.1 MPN/100 mL 8 _s - <1.1 MPN/100 mL 9 _s - <1.1 MPN/100 mL 12 _s - >8.0 MPN/100mL 14 _s - >8 MPN/100mL Lubas _s - >8 MPN/100mL As - <1.1 MPN/100 mL PPSS _s - >8 MPN/100mL JICA _{s1} - 4.6 MPN/100mL JICA _{s2} - <1.1 MPN/100mL Swamp _s - <1.1 MPN/100mL Pico _{s1} - <1.1 MPN/100mL Pico _{s2} - <1.1 MPN/100mL Ampasit _s - <1.1 MPN/100mL
		E. coli	2 _s - >8 MPN/100 mL 4 _s - >8 MPN/100 mL 5 _s - 8 MPN/100 mL 12 _s - <1.1 MPN/100mL 14 _s - >8 MPN/100mL Lubas _s - >8 MPN/100mL PPSS _s - >8 MPN/100mL JICA _{s1} - 4.6 MPN/100mL



REPORT OF ANALYSIS

Req. Ref. No. : CAR-092020-MIC-0577 and MIC-0579
Date Submitted : September 8, 2020
Date Analyzed : September 8-10, 2020
Date Reported : September 11, 2020
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km. 4, La Trinidad, Benguet**

Page : Page 2 of 2

MIC-1206 to 1223 and MIC-1245 to MIC-1252	18 Domestic water samples from source points placed in sterilized reagent bottles and with written labels, 2_s, 3_s, 4_s, 5_s, 6_s, 8_s, 9_s, 12_s, 14_s, Lubas_s, A_s, PPSS_s, JICA_{s1}, JICA_{s2}, SWAMP_s, Pico_s, Pico_{s2} and Ampasit_s.	Heterotrophic Plate Count	2_s – 190 CFU/mL (144- 252 CFU/mL) a 3_s – <1* CFU/mL 4_s – 6* CFU/mL (0-179 CFU/mL) a 5_s – 12 CFU/mL (0-387 CFU/mL) a 6_s – 32 CFU/mL (24-43 CFU/mL) a 8_s – <1*CFU/mL 9_s – <1* CFU/mL 12_s – 60 CFU/mL (44-81 CFU/mL) a 14_s – 256 CFU/mL (191- 344 CFU/mL) a Lubas_s– 660 CFU/mL (483-903 CFU/mL) a A_s – 23* CFU/mL (1- 714 CFU/mL) a PPSS_s – 1,320 CFU/mL (964- 1,808 CFU/mL) a JICA_{s1} – <1* CFU/mL JICA_{s2} – <1* CFU/mL Swamp_s– 258 CFU/mL (202- 330 CFU/mL) a Pico_{s1} – 13* CFU/mL (1- 335 CFU/mL) a Pico_{s2} – 44 CFU/100mL (32-60 CFU/mL) a Ampasit_s - 96 CFU/100mL (70- 132 CFU/mL) a
--	--	----------------------------------	--

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 2_s, 4_s, 5_s, 14_s, Lubas_s, PPSS_s and JICA_{s1} are 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.

* Estimated Heterotrophic Plate Count

^a Uncertainty of Measurement

Analyzed by:


CLARISA ANGELLI N. LUBRICA
Analyst

Certified by:


JAMIE BETH B. GALIAN
Technical Manager

Approved for Release by:


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.

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
URL: <http://car.dost.gov.ph>