



REPORT OF ANALYSIS

Req. Ref. No. : CAR-022020-MIC-0178
Date Submitted : February 10, 2020
Date Analyzed : February 10-12, 2020
Date Reported : February 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	STANDARD*
MIC-0309 to MIC 0325 & MIC 0328	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 _{T1} , JICA _{T2} , PPSS _{T1} , SWAMP _T , A _T , PICOWELL _{T1} and PICOWELL _{T2} , MCWFP _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	<1.1 MPN/100 mL
		E. coli	All samples (terminal) – <1.1 MPN/100 mL	<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 – <1** CFU/mL 6 _T – <1** CFU/mL 8 _T – 10** CFU/mL 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 MCWFP _T – <1** CFU/mL	<500 CFU/mL



REPORT OF ANALYSIS

Req. Ref. No. : CAR-022020-MIC-0178
Date Submitted : February 10, 2020
Date Analyzed : February 10-12, 2020
Date Reported : February 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

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)

** Estimated Heterotrophic Plate Count

Analyzed by:


CLARISA ANGELLI N. LUBRICA
Analyst

Certified by:


JAMIE BETH B. GALIAN
Technical Manager

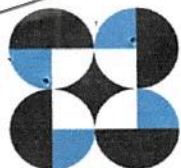
Approved for Release by:


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-022020-MIC-0179 and MIC-0180
Date Submitted : February 10, 2020
Date Analyzed : February 10-12, 2020
Date Reported : February 13, 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	STANDARD* (PNS for Drinking Water, 2017)
MIC-0329 to 0345 and MIC-0347 to MIC-0355	17 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 and Pico _{s2} .	Total Coliform Count	2 _s - >8 MPN/100 mL 3 _s - 4.6 MPN/100 mL 4 _s - >8 MPN/100 mL 5 _s - <1.1 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 - <1.1 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} - >8 MPN/100mL JICA _{s2} - <1.1 MPN/100mL Swamps - 4.6 MPN/100mL Pico _{s1} - 8 MPN/100mL Pico _{s2} - <1.1 MPN/100mL	<1.1 MPN/100mL
		E. coli	2 _s - >8 MPN/100 mL 3 _s - <1.1 MPN/100 mL 4 _s - >8 MPN/100 mL 14 _s - >8 MPN/100mL Lubas _s - 2.6 MPN/100mL PPSS _s - 8 MPN/100mL JICA _{s1} - >8 MPN/100mL Swamp _s - <1.1MPN/100mL Pico _{s1} - 2.6 MPN/100mL	<1.1 MPN/100mL



REPORT OF ANALYSIS

Req. Ref. No. : CAR-022020-MIC-0179 and MIC-0180
Date Submitted : February 10, 2020
Date Analyzed : February 10-12, 2020
Date Reported : February 13, 2020
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km. 4, La Trinidad, Benguet**
Page : Page 2 of 2

MIC-0329 to 0345 and MIC-0347 to MIC-0355	17 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 and Pico_{s2}.	Heterotrophic Plate Count	2 _s – 1,255 CFU/mL (MU ± 2 CFU/mL) ^a 3 _s – 65 CFU/MI (MU ± 2 CFU/mL) ^a 4 _s – 60 CFU/mL (MU ± 2 CFU/mL) ^a 5 _s – <1** CFU/mL 6 _s – 63 CFU/mL (MU ± 2 CFU/mL) ^a 8 _s – 55 CFU/mL (MU ± 2 CFU/mL) ^a 9 _s – 14** CFU/mL 12 _s – 87 CFU/mL (MU ± 2 CFU/mL) ^a 14 _s – 910 CFU/mL (MU ± 2 CFU/mL) ^a Lubas _s – 34 CFU/mL (MU ± 2 CFU/mL) ^a A _s – 25** CFU/mL PPSS _s – 695 CFU/mL (MU ± 1 CFU/mL) ^a JICA _{s1} – 140 CFU/mL (MU ± 1 CFU/mL) ^a JICA _{s2} – <1** CFU/mL Swamps – 520 CFU/mL (MU ± 1 CFU/mL) ^a Pico _{s1} – 53 CFU/100mL (MU ± 1 CFU/mL) ^a Pico _{s2} – 8** 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 2_s, 4_s, 14_{s1}, Lubas_s, PPSS_s, JICA_{s1} and Pico_{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.

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

** Estimated Heterotrophic Plate Count

^a Uncertainty of Measurement

Analyzed by:

Certified by:

Approved for Release by:

MARVI JOY L. BALABAG
Analyst

JAMIE BETH B. GALIAN
Technical Manager

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-022020-MIC-0179 and MIC-0180
Date Submitted : February 10, 2020
Date Analyzed : February 10-12, 2020
Date Reported : February 13, 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	STANDARD* (PNS for Drinking Water, 2017)
MIC-0329 to 0345 and MIC-0347 to MIC-0355	17 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 and Pico _{s2} .	Total Coliform Count	2 _s - >8 MPN/100 mL 3 _s - 4.6 MPN/100 mL 4 _s - >8 MPN/100 mL 5 _s - <1.1 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 - <1.1 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} - >8 MPN/100mL JICA _{s2} - <1.1 MPN/100mL Swamp _s - 4.6 MPN/100mL Pico _{s1} - 8 MPN/100mL Pico _{s2} - <1.1 MPN/100mL	<1.1 MPN/100mL
		E. coli	2 _s - >8 MPN/100 mL 3 _s - <1.1 MPN/100 mL 4 _s - >8 MPN/100 mL 14 _s - >8 MPN/100mL Lubas _s - 2.6 MPN/100mL PPSS _s - 8 MPN/100mL JICA _{s1} - >8 MPN/100mL Swamp _s - <1.1MPN/100mL Pico _{s1} - 2.6 MPN/100mL	<1.1 MPN/100mL



REPORT OF ANALYSIS

Req. Ref. No. : CAR-022020-MIC-0179 and MIC-0180
Date Submitted : February 10, 2020
Date Analyzed : February 10-12, 2020
Date Reported : February 13, 2020
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km. 4, La Trinidad, Benguet**
Page : Page 2 of 2

MIC-0329 to 0345 and MIC- 0347 to MIC-0355	17 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 and Pico_{s2}.	Heterotrophic Plate Count	2 _s – 1,255 CFU/mL (MU ± 2 CFU/mL) ^a 3 _s – 65 CFU/MI (MU ± 2 CFU/mL) ^a 4 _s – 60 CFU/mL (MU ± 2 CFU/mL) ^a 5 _s – <1** CFU/mL 6 _s – 63 CFU/mL (MU ± 2 CFU/mL) ^a 8 _s – 55 CFU/mL (MU ± 2 CFU/mL) ^a 9 _s – 14** CFU/mL 12 _s – 87 CFU/mL (MU ± 2 CFU/mL) ^a 14 _s – 910 CFU/mL (MU ± 2 CFU/mL) ^a Lubas _s – 34 CFU/mL (MU ± 2 CFU/mL) ^a A _s – 25** CFU/mL PPSS _s – 695 CFU/mL (MU ± 1 CFU/mL) ^a JICA _{s1} – 140 CFU/mL (MU ± 1 CFU/mL) ^a JICA _{s2} – <1** CFU/mL Swamp _s – 520 CFU/mL (MU ± 1 CFU/mL) ^a Pico _{s1} – 53 CFU/100mL (MU ± 1 CFU/mL) ^a Pico _{s2} – 8** 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 2_s, 4_s, 14_{s1}, Lubas_s, PPSS_s, JICA_{s1} and Pico_{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.

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

** Estimated Heterotrophic Plate Count

^a Uncertainty of Measurement

Analyzed by:

Certified by:

Approved for Release by:

MARVIN L. BALABAG
Analyst

JAMIE BETH B. GALIAN
Technical Manager

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>