



REPORT OF ANALYSIS

Req. Ref. No. : CAR-072021-MIC-0813; MIC-0814; MIC-0815
 Date Submitted : July 14, 2021
 Date Analyzed : July 14 -16, 2021
 Date Reported : July 19, 2021
 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 (Philippine National Standards for Drinking Water, 2017)
MIC-1744 to MIC- 1762; MIC- 1766; MIC-1768 to MIC-1772 and MIC-1775 to MIC-1779	19 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} , Ampasit _s and SPED _s .	Total Coliform Count	2s – >8.0 MPN/100 mL 3s – <1.1 MPN/100 mL 4s – >8.0 MPN/100 mL 5s – >8.0 MPN/100 mL 6s – <1.1 MPN/100 mL 8s – <1.1 MPN/100 mL 9s – <1.1 MPN/100 mL 12s – 4.6 MPN/100mL 14s – 4.6 MPN/100mL Lubas _s – >8.0 MPN/100mL A _s – 4.6 MPN/100 mL PPSS _s – >8.0 MPN/100mL JICA _{s1} – > 8.0 MPN/100mL JICA _{s2} – <1.1 MPN/100mL Swamp _s – 4.6 MPN/100mL Pico _{s1} – >8.0 MPN/100mL Pico _{s2} – <1.1 MPN/100mL Ampasit _s – <1.1 MPN/100mL SPED _s – <1.1 MPN/100mL	<1.1 MPN/100mL
		<i>E. coli</i>	2s – >8.0 MPN/100 mL 4s – >8.0 MPN/100 mL 5s – >8.0 MPN/100 mL 12s – 4.6 MPN/100mL 14s – 4.6 MPN/100mL Lubas _s – >8.0 MPN/100mL A _s – <1.1 MPN/100 mL PPSS _s – >8.0 MPN/100mL JICA _{s1} – > 8.0 MPN/100mL Swamp _s – 4.6 MPN/100mL Pico _{s1} – >8.0 MPN/100mL	<1.1 MPN/100mL



DENR RECOGNIZED
 C.R No. 078/2019

DOH ACCREDITED
 14-0001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072021-MIC-0813; MIC-0814; MIC-0815
 Date Submitted : July 14, 2021
 Date Analyzed : July 14 -16, 2021
 Date Reported : July 19, 2021
 Submitted by : Customer Name :
 Name of Company : **LA TRINIDAD WATER DISTRICT**
 Address : **Km. 4, La Trinidad, Benguet**
 Page : Page 2 of 2

MIC-1744 to MIC-1762; MIC-1766; MIC-1768 to MIC-1772 and MIC-1775 to MIC-1779	19 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} , Ampasit _s and SPED _s .	Heterotrophic Plate Count	2 _s – 1,980 CFU/mL 3 _s – 61 CFU/mL 4 _s – 149 CFU/mL 5 _s – 49 CFU/mL 6 _s – 17* CFU/mL 8 _s – 24* CFU/mL 9 _s – <1* CFU/mL 12 _s – <1*CFU/mL 14 _s – 54 CFU/mL Lubas _s – 1,320 CFU/mL A _s – 54 CFU/mL PPSS _s – 2,580 CFU/mL JICA _{s1} – 945 CFU/mL JICA _{s2} – 44 CFU/mL Swamp _s – 186 CFU/mL Pico _{s1} – 146 CFU/mL Pico _{s2} – <1* CFU/100mL Ampasit _s - <1* CFU/100mL SPED _s – 24* 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, 5_s, 12_s, 14_s, Lubas_s, PPSS_s, JICA_{s1}, Swamp_s 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.

* Estimated Heterotrophic Plate Count

Analyzed by:

MARVI JOY L. BALABAG
 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.



DENR RECOGNIZED
 C.R No. 078/2019

DOH ACCREDITED
 14-001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072021-MIC-0812; MIC-0814; MIC-0831
 Date Submitted : July 14 & 19, 2021
 Date Analyzed : July 14-16 & 19-21, 2021
 Date Reported : July 23, 2021
 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 (PNS for Drinking Water, 2017)
MIC-1722 to MIC-1741 and MIC-1800 to MIC-1803	20 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 , Ampasit _t , and SPED _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 SPED _T – <1.1 MPN/100 mL	<1.1 MPN/100mL
		<i>E. coli</i>	All samples (terminal) – <1.1 MPN/100 mL	<1.1 MPN/100mL
		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 – 101 CFU/mL 9 _T – <1* CFU/mL 12 _T – 23* CFU/mL 14 _T – <1* CFU/mL Lubas _T – 7* CFU/mL JICA _{T1} – <1* CFU/mL JICA _{T2} – 161 CFU/mL	<500 CFU/mL



REPORT OF ANALYSIS

Req. Ref. No. : CAR-072021-MIC-0812; MIC-0814; MIC-0831
Date Submitted : July 14 & 19, 2021
Date Analyzed : July 14-16 & 19-21, 2021
Date Reported : July 23, 2021
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km. 4, Balili, La Trinidad, Benguet**

Page : Page 2 of 2

MIC-1722 to MIC-1741 and MIC-1800 to MIC-1803	20 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 , <i>Lubas_T</i> , <i>JICA_{T1}</i> , <i>JICA_{T2}</i> , <i>PPSS_{T1}</i> , <i>SWAMP_T</i> , <i>A_T</i> , <i>PICOWELL_{T1}</i> , <i>PICOWELL_{T2}</i> , <i>MCWFP_T</i> , <i>Ampasit_t</i> , and <i>SPED_T</i> .	Heterotrophic Plate Count	PPSS _{T1} - <1* CFU/mL SWAMP _T - <1* CFU/mL A _T - <1* CFU/mL PICOWELL _{T1} - <1* CFU/mL PICOWELL _{T2} - 23* CFU/mL MCWFP _T - 6* CFU/mL <i>Ampasit_t</i> - <1* CFU/mL <i>SPED_T</i> - <1* CFU/mL	<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 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:

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.



DENR RECOGNIZED
C.R No. 078/2019

DOH ACCREDITED
14-0001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072021-MIC-0812; MIC-0831
Date Submitted : July 14 & 19, 2021
Date Analyzed : July 14-16 & 19-21, 2021
Date Reported : July 23, 2021
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km 4, La Trinidad, Benguet**

Page : Page 1 of 1

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2017)
MIC-1743 and MIC-1804	Raw water sample, placed in a sterilized glass bottle, covered with orange cap, without seal, and with label, AFTER UV.	Total Coliform Count	< 1.1 MPN/100mL	<1.1 MPN/100mL
		<i>E. coli</i>	< 1.1 MPN/100mL	<1.1 MPN/100mL
		Heterotrophic Plate Count	<1* CFU/mL	<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: 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.

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.



DENR RECOGNIZED
C.R No. 078/2019

DOH ACCREDITED
14-0001-2022-LW-1

REPORT OF ANALYSIS

Req. Ref. No. : CAR-072021-MIC-0812
Date Submitted : July 14, 2021
Date Analyzed : July 14-16, 2021
Date Reported : July 21, 2021
Submitted by : Customer Name :
Name of Company : **LA TRINIDAD WATER DISTRICT**
Address : **Km 4, La Trinidad, Benguet**

Page : Page 1 of 1

SAMPLE CODE	SAMPLE DESCRIPTION	TEST	RESULT	STANDARD (PNS for Drinking Water, 2017)
MIC-1742	Raw water sample, placed in a sterilized glass bottle, covered with orange cap, without seal, and with label, BEFORE UV.	Total Coliform Count	> 8.0 MPN/100mL	<1.1 MPN/100mL
		<i>E. coli</i>	> 8.0 MPN/100mL	<1.1 MPN/100mL
		Heterotrophic Plate Count	465 CFU/mL	<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: 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.

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.