

"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 28845

Date Released: September 16, 2022

SAMPLE DESCRIPTION:

Submitted By: **Date Received:** Pump Station Mabuhay Carmona Water District September 9, 2022

Date of Sampling:

September 9, 2022

Time of Sampling:

3:51 pm

Place of Sampling: Source of Sample:

Carmoma, Cavite Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<1	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.2	5 NTU	PASSED
Chemical					
рН	-	4500-H* B.Electrometric Method	7.01	6.5-8.5	PASSED
Total Hardness as CaCO3	mg/L	2340 C. EDTA Titrimetric Method	176.8	300	PASSED
Chloride	mg/L	4500-CI B. Argentometric Method	5.7	250	PASSED
Nitrate as NO 3"	mg/L	Colorimetric Brucine, US EPA 352.1	0.174	50	PASSED
Iron	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0125	1.0	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.009	0.01	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED
Copper	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0088	1	PASSED
Manganese	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0079	0.4	PASSED
Total Dissolved Solids	mg/L	2540 C. Total Dissolved Solids Dried at 180°C	280	300	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Heally Association, American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017 Checked & Approved by:

Engr. Carlos B. Castromayor

Operations Manager PRC Reg. No 18428

ccen

General Manager

Noted



"Caring for the Environment through Quality Testing"



PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: CL 28845

Date Released: September 16, 2022

SAMPLE DESCRIPTION:

Submitted By: **Date Received:**

Date of Sampling:

Time of Sampling:

Source of Sample:

Place of Sampling:

Edgordo Mortillano Carmona Water District

September 9, 2022 September 9, 2022

3:51 pm Carmoma, Cavite

Water District

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
Physical					
Color	TCU	2021 B.Visual Comparison Method	<1	5 TCU	PASSED
Turbidity	NTU	2130 B.Nephelometric Method	< 0.2	5 NTU	PASSED
Chemical					
pН	-	4500-H†B.Electrometric Method	7.08	6.5-8.5	PASSED
Total Hardness as CaCO3	mg/L	2340 C. EDTA Titrimetric Method	202.2	300	PASSED
Chloride	mg/L	4500-CI B. Argentometric Method	2.1	250	PASSED
Nitrate as NO 3"	mg/L	Colorimetric Brucine, US EPA 352.1	-5.2	-50	PASSED
Iron	mg/L	3111 B.Direct Air-Acetylene Flame Method	0.0292	1.0	PASSED
Arsenic	mg/L	3111 B.Manual Hydride/AAS Method	< 0.009	0.01	PASSED
Cadmium	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0025	0.003	PASSED
Lead	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0081	0.01	PASSED
Copper	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0088	1	PASSED
Manganese	mg/L	3111 B.Direct Air-Acetylene Flame Method	< 0.0079	0.4	PASSED
Total Dissolved Solids	mg/L	2540 C. Total Dissolved Solids Dried at 180°C	285	300	PASSED

REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association,

American Water Works Association, 23rd ed.,

Phillippine National Standard for Drinking Water, 2017 Checked & Approved by:

Engr. Carles B. Castromayor Operations Manager

RC Reg. No 18428

Noted



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Marites Manangon)

Submitted By:

Carmona Water District

Date Received: Date of Sampling:

September 9, 2022 September 9, 2022

Time of Sampling:

8:03 am

Place of Sampling:

Blk 6 Lot 12 Dinorade St., Villa Sorteo Milagrosa

Source of Sampling:

Water District

0443-GV-CMN

	OTTO-OV-CIVILY			
Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFI I/ml	CFII/ml

Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	50	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Noted by

Marieris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703

Engr. Carlos B. Castromayor

Operations Manager PRC Reg. No 18428 Engr. Ali M. Willamor General Manager



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Benita D. Ramos)

Submitted By:

Carmona Water District

Date Received:

September 9, 2022

Date of Sampling: Time of Sampling: September 9, 2022

Place of Sampling:

9:00 am

Source of Sampling:

196 Sn. Pablo St., Brgy. 1, Carmona, Cavite

CIN:

Water District 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results MPN/100 ml	Standards MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1

Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	18	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by:

Noted by

Maricris C. Manito, RMT, MLS (ASCPi)

PRC Reg. No. 69666

Operations Manager PRC Reg. No 18428

Engr. Larlos B. Castromayor

Engr. Ali M. Villamor General Manager

PRC Reg. No. 53000

Laboratory Microbiologist

WMLA-18-0703



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Emily Quilao)

Submitted By:

Carmona Water District

Date Received:

September 9, 2022 September 9, 2022

Date of Sampling: Time of Sampling:

8:20 am

Place of Sampling:

South Coast, Bancal, Carmona, Cavite

Source of Sampling:

Water District

0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 m
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial	Pour Plate	140	

Plate Count Load Method Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by

Noted by:

less than 500

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666

WMLA-18-0703

Engr. Larlos B. Castromayor

Operations Manager

PRC Reg. No 18428

Engr. AliM. Villamor



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Dionisio Jardin)

Submitted By:

Carmona Water District

Date Received:

September 9, 2022 September 9, 2022

Date of Sampling: Time of Sampling:

Place of Sampling:

2:00 pm

Source of Sampling:

Blk 20 Lot 37 Phase 3 Milagrosa

CIN:

Water District 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1

Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial	Pour Plate	o	less than 500
Plate Count	Load	Method		tess than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by:

Noted by:

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703

Carlos B. Castromayor Engr. **Operations** Manager

PRC Reg. No 18428

Engr. Ali M. Villamor General Manager PRC Reg. No. 53000



Blk. 19, Lt. 2, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Olimpio Levardo)

Submitted By:

Carmona Water District September 9, 2022

Date Received: Date of Sampling:

September 9, 2022

Time of Sampling:

8:34 am

Place of Sampling:

4th St., Core House, Bancal, Carmona, Cavite

Source of Sampling:

Water District 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results MPN/100 ml	Standards MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1

Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	27	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water.

Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by:

Marieris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666

WMLA-18-0703

Larlos B. Castromayor

Operations Manager

PRC Reg. No 18428

Engr. Ali M. Villamor

Noted by:





"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Roman Poblete)

Submitted By:

Carmona Water District

Date Received:

September 9, 2022 September 9, 2022

Date of Sampling: Time of Sampling:

1:48 pm

Place of Sampling:

Blk 10 Lot 31 Phase 2., Milagrosa

Source of Sampling:

Water District

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E. Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	46	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by

Noted by:

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Merobiologist PRC Reg. No. 69666

WMLA-18-0703

Zarlos B. Castromayor

Operations Manager

PRC Reg. No 18428





"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Fernan Borcbat)

Submitted By:

Carmona Water District

Date Received:

September 9, 2022

Date of Sampling:

September 9, 2022

Time of Sampling: Place of Sampling: 1:34 pm Phase 1 Milagrosa

Source of Sampling:

Water District

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E. Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	100	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by:

Noted by

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703

Engr. Carlos B. Castromayor

Operations Manager PRC Reg. No 18428 Engr. Ali M Villamor



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Melanie Malazarte)

Submitted By:

Carmona Water District

Fermentation

Date Received:

September 9, 2022 September 9, 2022

Date of Sampling: Time of Sampling:

9:50 am

Place of Sampling:

(E.Coli)

10506 San Jose St., Cabilang Baybay

Source of Sampling:

Water District 0443-GV-CMN

	UTTJ-U V-CIVILY			
Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform	Multiple Tube	0	less than 1.1	less than 1.1

Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	8	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by:

Noted by:

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Mcrobiologist PRC Reg. No. 69666

WMLA-18-0703

Carlos B. Castromayor Engr.

Operations Manager

PRC Reg. No 18428

Engr. Ali M. Villamor

General Manager



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Marsha Salazar)

Submitted By:

Carmona Water District

Date Received:

September 9, 2022 September 9, 2022

Date of Sampling: Time of Sampling:

9:20 am

Place of Sampling:

Rosario St., Brgy. 8, Carmona, Cavite

Source of Sampling: CIN:

Water District

0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial	Pour Plate	30	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by:

Noted by:

Maricris C. Manito, RATT, MLS (ASCPi)
Laboratory Microbiologist

PRC Reg. No. 69666 WMLA-18-0703

Carlos B. Castromayor Engr.

> **Operations** Manager PRC Reg. No 18428

Engr. AliM. Villamor General Manager



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Marivic Ganaton)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: September 9, 2022 September 9, 2022

Time of Sampling:

8:50 am

Place of Sampling:

Ocampo Compound, Bancal, Carmona, Cavite

Water District

Source of Sampling: 0443_GV_CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results MPN/100 ml	Standards MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1

Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	14	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703

arlos B. Castromayor

Approved by

Operations Manager PRC Reg. No 18428

General Manager PRC Reg. No. 53000

Ingr. Ali M. Villamor



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Arnel Mabbanan)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: September 9, 2022 September 9, 2022

Time of Sampling:

10:05 am

Place of Sampling:

1158 Purificacion St., Brgy. Mabuhay

Source of Sampling:

Water District

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results MPN/100 ml	Standards MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E. Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial Load	Pour Plate Method	10	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Marieris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666

WMLA-18-0703

Approved by

arlos B. Castromayor Engr.

Operations Manager

PRC Reg. No 18428

Noted

ngr. Ali/M.



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Susan Makol)

Submitted By:

Carmona Water District

Date Received:

Seotember 9, 2022

Date of Sampling: Time of Sampling: Seotember 9, 2022 2:14 pm

Place of Sampling:

Blk 19 Lot 9 Phase 3. Milagrosa

Load

Source of Sampling:

Plate Count

Water District

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E. Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial	Pour Plate	7	lage than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

Method

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703

Approved by

arlos B. Castromayor Engr. Operations Manager

PRC Reg. No 18428

less than 500

Engr. Mi M



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Mark Canlas)

Submitted By: **Date Received:** Carmona Water District September 9, 2022

Date of Sampling:

September 9, 2022

Time of Sampling:

9:30 am

Place of Sampling:

Blk 1 Lot 19 Jeer St., Monte Carlo, Brgy. Bancal Carmona, Cavite

Source of Sampling:

Water District

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial Load	Pour Plate Method	11	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Noted

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666

WMLA-18-0703

Carlos B. Castromayor Engr.

Operations Manager

PRC Reg. No 18428

Engr. Ali M. Villamor General Manager





"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845.

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Raquel Ancero)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: September 9, 2022 September 9, 2022

Time of Sampling:

9:03 am

Place of Sampling:

Gov. Drive, Bancal, Carmona, Cavite

Source of Sampling: CIN:

Water District

0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	17	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by:

Noted by:

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703

Engr. Carlos B. Castromayor

Operations Manager PRC Reg. No 18428 Engr. AliM. Xillamor General Manager PRC Reg. No. 53000



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Richard N. Perez/Dololrez)

Submitted By:

Carmona Water District

Date Received:

Seotember 9, 2022

Date of Sampling: Time of Sampling: Seotember 9, 2022

Place of Sampling:

8:45 am

CWD D-Line Blk 5 Lot 20 Villa Alegre Brgy., Mabuhay, Carmona, Cavite

Source of Sampling: Water District

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results MPN/100 ml	Standards MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1

Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial	Pour Plate	8	less than 500
Plate Count	Load	Method		

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

Certified by:

Approved by:

Noted by

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666

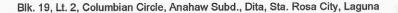
WMLA-18-0703

Engr. Carlos B. Castromayor

Operations Manager

PRC Reg. No 18428

Engr. Ali/M. Villamor General Manager





"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Enriquota Eurigoy)

Submitted By:

Carmona Water District

Date Received:

September 9, 2022 September 9, 2022

Date of Sampling:

9:14 am

Time of Sampling: Place of Sampling:

Abandoned Road, Bancal, Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results MPN/100 ml	Standards MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial	Pour Plate	16	less than 500

Plate Count Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted PASSED the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

ertified by:

Maricris C. Manito, RMT, MLS (ASCPi) Laboratory Microbiologist

> PRC Reg. No. 69666 WMLA-18-0703

Approved by:

Carlos B. Castromayor Engr.

Operations Manager

PRC Reg. No 18428

Noted by:

Engr. Ali M. Villamor



"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML 28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Janine Madrigal)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: September 9, 2022 September 9, 2022

Time of Sampling:

9:42 am

Place of Sampling:

Blk 22 Lot 61 Mercedes St. Monte Carlo Bancal

Source of Sampling:

Water District

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results MPN/100 ml	Standards MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1

Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial	Pour Plate	· Q	less than 500
Plate Count	Load	Method		less men 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC, 2005

ertified by:

Maricris C. Manito, RMT, MLS (ASCPi)
Laboratory Microbiologist

PRC Reg. No. 69666 WMLA-18-0703

Approved by:

Engr. Carlos B. Castromayor

Operations Manager PRC Reg. No 18428 Noted by:

Engr. Ali M. Villamor





"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-0006-2022-LW-2

NAME OF CLIENT:

CARMONA WATER DISTRICT

RLA No.: ML28845

Date Released: September 14, 2022

SAMPLE DESCRIPTION: Raw Water (Reynaldo N. Reyes)

Submitted By:

Carmona Water District

Date Received: Date of Sampling: September 9, 2022 September 9, 2022

Time of Sampling:

8:14 am

Place of Sampling:

1185 ,Sn. Pablo St., Brgy. 1, Carmona, Cavite

Source of Sampling:

Water District

CIN:

0443-GV-CMN

	JIIJ O I CIVILI			
Test Requested	Methodology	No. of Positive Tubes	Results	Standards
		(out of five tubes)	MPN/100 ml	MPN/100 ml
Total Coliform	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Thermotolerant Coliform (E.Coli)	Multiple Tube Fermentation	0	less than 1.1	less than 1.1
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	420	less than 500

Note: The methodology used for coliform detection is the Multiple Tube Fermentation Technique as required by the Department of Health. The Heterotrophic Plate Count or the Total Microbial Load is being determined using the Pour Plate Method. The HPC is required in determining water potability (PNSDW 2017)

REMARKS:

The results showed that the water sample submitted <u>PASSED</u> the DOH standard for drinking water. Results are those obtained at time of examination and relate only to the sample/s tested.

REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health Standard Methods for the Examination of Drinking Water and Wastewater 23rd Edition, APHA, Washington, DC.

Certified by:

Approved by

Noted by:

Maricris C. Manito, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666

WMLA-18-0703

Operations Manager PRC Reg. No 18428

Engr. Carlos B. Castromayor

Engr. Ali M. Villamor General Manager