



# COSMOLAB LABORATORIES, INC.

"Caring for the Environment through Quality Testing"



## PHYSICO-CHEMICAL 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: Pump Station Mabuhay  
Submitted By: Carmona Water District  
Date Received: September 9, 2022  
Date of Sampling: September 9, 2022  
Time of Sampling: 3:51 pm  
Place of Sampling: Carmoma, Cavite  
Source of Sample: 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					
pH	-	4500-H <sup>+</sup> B. Electrometric Method	7.01	6.5-8.5	PASSED
Total Hardness as CaCO <sub>3</sub>	mg/L	2340 C. EDTA Titrimetric Method	176.8	300	PASSED
Chloride	mg/L	4500-Cl <sup>-</sup> B. Argentometric Method	5.7	250	PASSED
Nitrate as NO <sub>3</sub> <sup>-</sup>	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 Health Association, American Water Works Association, 23rd ed.,  
Philippine National Standard for Drinking Water, 2017

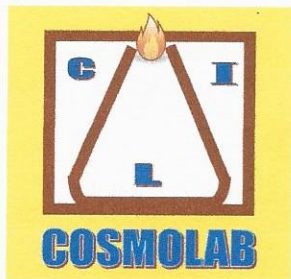
Checked & Approved by:

Engr. Carlos B. Castromayor  
Operations Manager  
PRC Reg. No 18428

Noted by:

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





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## PHYSICO-CHEMICAL 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: Edgordo Mortillano  
Submitted By: Carmona Water District  
Date Received: September 9, 2022  
Date of Sampling: September 9, 2022  
Time of Sampling: 3:51 pm  
Place of Sampling: Carmoma, Cavite  
Source of Sample: 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					
pH	-	4500-H <sup>+</sup> B. Electrometric Method	7.08	6.5-8.5	PASSED
Total Hardness as CaCO <sub>3</sub>	mg/L	2340 C. EDTA Titrimetric Method	202.2	300	PASSED
Chloride	mg/L	4500-Cl <sup>-</sup> B. Argentometric Method	2.1	250	PASSED
Nitrate as NO <sub>3</sub> <sup>-</sup>	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.,  
Philippine National Standard for Drinking Water, 2017

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General Manager  
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## 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: September 9, 2022  
Date of Sampling: September 9, 2022  
Time of Sampling: 8:03 am  
Place of Sampling: Blk 6 Lot 12 Dinorade St., Villa Sorte Milagrosa  
Source of Sampling: Water District  
CIN: 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
			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	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 :

Maricris C. Manito, RMT,MLS (ASCPi)  
Laboratory Microbiologist  
PRC Reg. No. 69666  
WMLA-18-0703

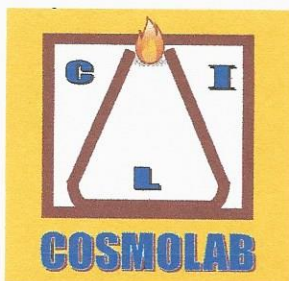
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Operations Manager  
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## MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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: September 9, 2022  
Time of Sampling: 9:00 am  
Place of Sampling: 196 Sn. Pablo St., Brgy. 1, Carmona, Cavite  
Source of Sampling: Water District  
CIN: 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
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
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.

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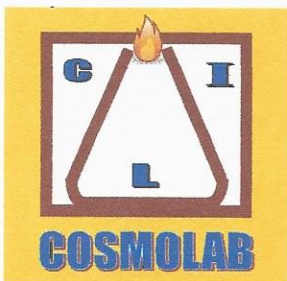
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## MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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  
Date of Sampling: September 9, 2022  
Time of Sampling: 8:20 am  
Place of Sampling: South Coast, Bancal, Carmona, Cavite  
Source of Sampling: Water District  
CIN: 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
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
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	410	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.

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## 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  
Date of Sampling: September 9, 2022  
Time of Sampling: 2:00 pm  
Place of Sampling: Blk 20 Lot 37 Phase 3 Milagrosa  
Source of Sampling: Water District  
CIN: 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
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
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	9	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  
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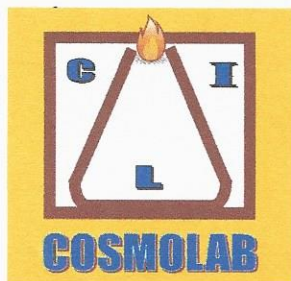
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## MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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  
**Date Received:** September 9, 2022  
**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  
**CIN:** 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
			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	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.

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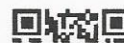
Maricris C. Manito, RMT,MLS (ASCPi)  
Laboratory Microbiologist  
PRC Reg. No. 69666  
WMLA-18-0703

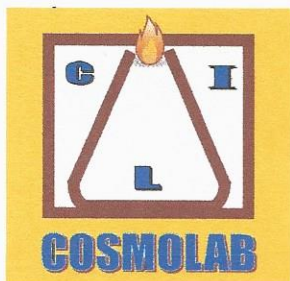
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Engr. Carlos B. Castromayor  
Operations Manager  
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Noted by:

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General Manager  
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## 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  
Date of Sampling: September 9, 2022  
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 (out of five tubes)	Results	Standards
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
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.

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PRC Reg. No. 69666  
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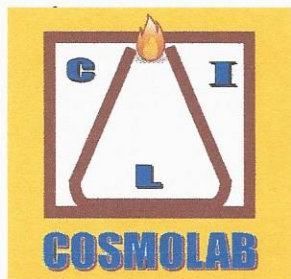
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Operations Manager  
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## MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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: 1:34 pm  
Place of Sampling: Phase 1 Milagrosa  
Source of Sampling: Water District

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
			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  
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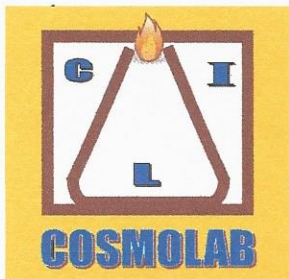
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## MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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

Date Received: September 9, 2022

Date of Sampling: September 9, 2022

Time of Sampling: 9:50 am

Place of Sampling: 10506 San Jose St., Cabilang Baybay

Source of Sampling: Water District

CIN: 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
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
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 **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.

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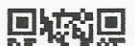
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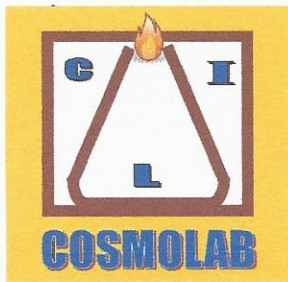
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## MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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  
Date of Sampling: September 9, 2022  
Time of Sampling: 9:20 am  
Place of Sampling: Rosario St., Brgy. 8, Carmona, Cavite  
Source of Sampling: Water District  
CIN: 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
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
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	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  
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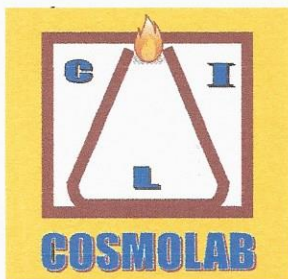
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## MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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: September 9, 2022  
Date of Sampling: September 9, 2022  
Time of Sampling: 8:50 am  
Place of Sampling: Ocampo Compound, Bancal, Carmona, Cavite  
Source of Sampling: Water District  
CIN: 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
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
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 **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:

Maricris C. Manifo, RMT,MLS (ASCPi)  
Laboratory Microbiologist  
PRC Reg. No. 69666  
WMLA-18-0703

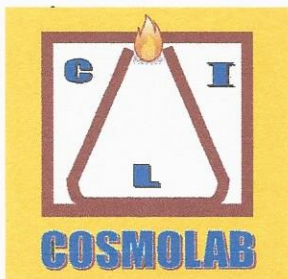
Approved by:

Engr. Carlos B. Castromayor  
Operations Manager  
PRC Reg. No 18428

Noted by:

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





# COSMOLAB LABORATORIES, INC.

"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:** September 9, 2022  
**Date of Sampling:** 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 CFU/ml	Standards CFU/ ml
Heterotrophic Plate Count	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 :

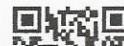
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Laboratory Microbiologist  
PRC Reg. No. 69666  
WMLA-18-0703

Approved by:

Engr. Carlos B. Castromayor  
Operations Manager  
PRC Reg. No 18428

Noted by:

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





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"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: September 9, 2022  
Date of Sampling: September 9, 2022  
Time of Sampling: 2:14 pm  
Place of Sampling: Blk 19 Lot 9 Phase 3. Milagrosa  
Source of Sampling: Water District

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
			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	4	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 :

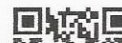
Maricris C. Manito, RMT,MLS (ASCPi)  
Laboratory Microbiologist  
PRC Reg. No. 69666  
WMLA-18-0703

Approved by:

Engr. Carlos B. Castromayor  
Operations Manager  
PRC Reg. No 18428

Noted by:

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





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## 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: Carmona Water District

Date Received: 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 (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 CFU/ml	Standards CFU/ ml
Heterotrophic Plate Count	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 :

Maricris C. Manito, RMT,MLS (ASCPi)  
Laboratory Microbiologist  
PRC Reg. No. 69666  
WMLA-18-0703

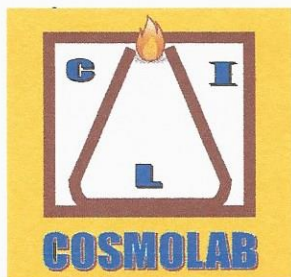
Approved by:

Engr. Carlos B. Castromayor  
Operations Manager  
PRC Reg. No 18428

Noted by:

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





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## 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: September 9, 2022  
Date of Sampling: September 9, 2022  
Time of Sampling: 9:03 am  
Place of Sampling: Gov. Drive, Bancal, Carmona, Cavite  
Source of Sampling: Water District  
CIN: 0443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
			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 :

Maricris C. Manito, RMT,MLS (ASCPi)  
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PRC Reg. No. 69666  
WMLA-18-0703

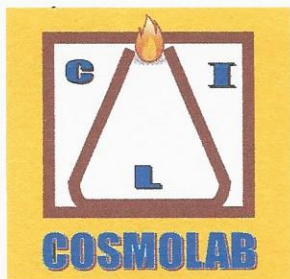
Approved by:

Engr. Carlos B. Castromayor  
Operations Manager  
PRC Reg. No 18428

Noted by:

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





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"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: September 9, 2022

Date of Sampling: September 9, 2022

Time of Sampling: 8:45 am

Place of Sampling: 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	Standards
			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	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 **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 :

Maricris C. Manito, RMT,MLS (ASCPi)  
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PRC Reg. No. 69666  
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Approved by:

Engr. Carlos B. Castromayor  
Operations Manager  
PRC Reg. No 18428

Noted by:

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





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## 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 (Enriqueta Eurigoy)

Submitted By: Carmona Water District

Date Received: September 9, 2022

Date of Sampling: September 9, 2022

Time of Sampling: 9:14 am

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	Standards
			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	16	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 :

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  
General Manager  
PRC Reg. No. 53000





# COSMOLAB LABORATORIES, INC.

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## 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: September 9, 2022  
Date of Sampling: 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 CFU/ml	Standards CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	9	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 :

Maricris C. Manito, RMT,MLS (ASCPi)  
Laboratory Microbiologist  
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WMLA-18-0703

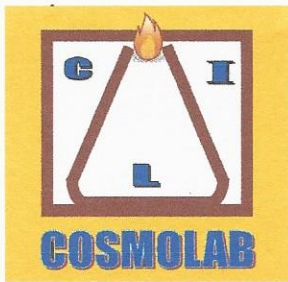
Approved by:

Engr. Carlos B. Castromayor  
Operations Manager  
PRC Reg. No 18428

Noted by:

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





# COSMOLAB LABORATORIES, INC.

"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: September 9, 2022  
Date of Sampling: 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

Test Requested	Methodology	No. of Positive Tubes (out of five tubes)	Results	Standards
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
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 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 :

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  
General Manager  
PRC Reg. No. 53000

