

"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 14295

Date Released: April 19, 2021

**SAMPLE DESCRIPTION:** Raw Water (Rosemarie Fernando)

Submitted By:

Carmona Water District

Date Received:

April 12, 2021

Date of Sampling:

April 12, 2021

Time of Sampling:

8:48 AM

Place of Sampling:

Blk.11 Lt.15 Phase 3 Milagrosa, Carmona, Cavite

Source of Sampling: V

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
li ili			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	96	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.

( K)

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

Certified by:

PRC Reg. No. 69666 WMLA-18-0703 Approved by:

Engr. Carlos B. Castromayor

Laboratory Manager PRC Reg. No 18428 Noted by:

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 14295

Date Released: April 19, 2021

**SAMPLE DESCRIPTION:** Raw Water (Sylvia Erezo)

Carmona Water District

Submitted By: Date Received:

April 12, 2021

Date of Sampling:

April 12, 2021 April 12, 2021

Time of Sampling:

2:14 PM

Place of Sampling:

CWD D-Line Corehouse, 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 Plate Count	Total Microbial Load	Pour Plate Method	155	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:

Marieris C. Manto, RMT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703 Approved by:

Engr. Carlos B. Castromayor

Laboratory Manager PRC Reg. No 18428 Noted by:

Engr. Ah M. Villamor





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less than 500

# 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 14295

Date Released: April 19, 2021

85

**SAMPLE DESCRIPTION:** Raw Water (Jeffrey Titco) **Submitted By:** Carmona Water District

Date Received:April 12, 2021Date of Sampling:April 12, 2021Time of Sampling:8:30 AM

Place of Sampling: Villa Sorteo Brgy., Milagrosa, Carmona, Cavite

Load

Source of Sampling: Water District

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
£2.21		(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	0.7	

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:

**Plate Count** 

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, MMT, MLS (ASCPi)

PRC Reg. No. 69666 WMLA-18-0703 Approved by:

Engr. Carlos B. Castromayor

Laboratory Manager PRC Reg. No 18428 Noted by

Engr. Ali M. VNlamor General Manager





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less than 500

### 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 14295

180

Date Released: April 19, 2021

SAMPLE DESCRIPTION: Raw Water (Gregorio Lee) Carmona Water District

Submitted By: **Date Received:** 

April 12, 2021

Load

Date of Sampling:

April 12, 2021

Time of Sampling: Place of Sampling:

9:40 AM CWD D-Line Brgy., 1 Extension, Carmona, Cavite

Source of Sampling:

Water District OAA2 CV CAAN

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	100	1

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.

Method

#### REFERENCES:

**Plate Count** 

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, MT, MLS (ASCPi)

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

Approved by

Engr. Carlos B. Castromayor

Laboratory Manager PRC Reg. No 18428

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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 14295

Date Released: April 19, 2021

**SAMPLE DESCRIPTION:** Raw Water (Rolando Ambita) **Submitted By:** Carmona Water District

Date Received: April 12, 2021
Date of Sampling: April 12, 2021
Time of Sampling: 3:01 PM

Place of Sampling: CWD D-Line #1495 Brgy., Bancal, Carmona, Cavite

Source of Sampling: Water District O443-GV-CMN

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
5.51		(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
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 <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.

Maricris C. Manito RMT, MLS (ASCPi)

Certified by:

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703 Engr. Carlos B. Castromayor

Approved by

Vaboratory Manager PRC Reg. No 18428 Engr An M Vilamor 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 14295

Date Released: April 19, 2021

SAMPLE DESCRIPTION: Raw Water (Rogelina Cornejo)

Submitted By: **Date Received:**  Carmona Water District

Date of Sampling:

April 12, 2021 April 12, 2021

Time of Sampling:

10:02 AM

Place of Sampling:

Pulo St., Brgy., Maduya 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	54	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, KMT, MLS (ASCPi)

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

Approved by

Engr. Carlos B. Castromayor

Laboratory Manager

PRC Reg. No 18428

Engr. AliM. illamor 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 14295

Date Released: April 19, 2021

SAMPLE DESCRIPTION: Raw Water (Efipancia Enriquez)

Submitted By:

Carmona Water Distict

**Date Received:** 

April 12, 2021

Date of Sampling:

April 12, 2021

Time of Sampling:

1:30 PM

Place of Sampling:

San Pablo St., Cabilang Baybay, Carmona, Cavite

Source of Sampling:

Water District DAMA CAL CAMA

CIN:

0114.	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	90	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

Laboratory Manager PRC Reg. No 18428 Noted by:

Engr. Ali M. 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 14295

Date Released: April 19, 2021

SAMPLE DESCRIPTION: Raw Water (Ann Cartia Lagahit)

Submitted By:

Carmona Water District

**Date Received:** 

April 12, 2022

Date of Sampling: Time of Sampling: April 12, 2022 8:17 AM

Place of Sampling:

CWD D-Line Blk.3 Lt.6 Cityland Subd., Brgy., Mabuhay, Carmona, Cavite

Source of Sampling:

Water District

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
1.37		(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
5000			CFU/ml	CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	147	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

Approved by

Engr. Carlos B. Castromayor

aboratory Manager PRC Reg. No 18428 Noted B

Engr. Ali M. Whamo

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 14295

Date Released: April 19, 2021

**SAMPLE DESCRIPTION:** Raw Water (Angelica Cabrera)

Submitted By:

Carmona Water District

Date Received:

April 12, 2021

Date of Sampling:

April 12, 2021

Time of Sampling:

2:42 PM

Place of Sampling:

CWD D-Line Brgy., 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	74	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

Laboratory Manager PRC Reg. No 18428

Engr. Ali M.

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 14295

Date Released: April 19, 2021

**SAMPLE DESCRIPTION:** Raw Water ( Henry Juane) **Submitted By:** Carmona Water District

Date Received:April 12, 2021Date of Sampling:April 12, 2021Time of Sampling:10:41 AM

Place of Sampling: #9178 J.M Loyola St., Maduya, 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 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	101	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.

Maricris C. Manito, RMT,MLS (ASCPi)

Certified by:

PRC Reg. No. 69666 WMLA-18-0703 (M)

Approved by:

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

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Noted

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 14295

Date Released: April 19, 2021

Submitted By:

SAMPLE DESCRIPTION: Raw Water (Julieta Lace)

**Date Received:** 

Carmona Water District April 12, 2021

Date of Sampling:

Time of Sampling:

April 12, 2021 2:00 PM

Place of Sampling:

CWD D-Line #1466 Brgy., Bancal, Carmona, Cavite

Source of Sampling:

Water District

CIN:	0443-GV-CMN
Test Requested	Methodolo

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
			CELI/ml	CELI/ml

Description	Methodology	Results	Standards
		CFU/ml	CFU/ ml
Total Microbial Load	Pour Plate Method	85	less than 500
		Total Microbial Pour Plate	CFU/ml  Total Microbial Pour Plate 85

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 Laboratory Manager

PRC Reg. No 18428

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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 14295

Date Released: April 19, 2021

less than 500

SAMPLE DESCRIPTION: Raw Water (Helen Lee) Submitted By: Carmona Water District

Date Received: April 12, 2021 Date of Sampling: April 12, 2021 Time of Sampling: 10:27 AM

Place of Sampling: CWD D-Line, Paseo de Carmona, Carmona, Cavite

Total Microbial

Load

Source of Sampling: Water District

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
5.659		(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

Pour Plate

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:

Heterotrophic

**Plate Count** 

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.

Maricris C. Manito, RMT, MLS (ASCPi)

Certified

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

Engr. Carlos B. Castromayor aboratory Manager

Approved by

PRC Reg. No 18428

Notedby

Engr. AliM 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 14295

Date Released: April 19, 2021

SAMPLE DESCRIPTION: Raw Water (Melchora Pulmonor)

Submitted By: Carmona Water District

Date Received: April 12, 2021
Date of Sampling: April 12, 2021
Time of Sampling: 9:25 AM

Place of Sampling: Altarez, Brgy., Maduya 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

Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial	Pour Plate	55	less than 500
Plate Count	Load	Method		icss man 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.

Maricris C. Manito, RMT, MLS (ASCPi)

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

Certified by:

Engr. Carlos B. Castromayor

Approved by

Laboratory Manager PRC Reg. No 18428 Engr. Ak W villamor

Noted I

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 14295

Date Released: April 19, 2021

**SAMPLE DESCRIPTION:** Raw Water (Cesar Tolentino) **Submitted By:** Carmona Water District

Date Received:April 12, 2021Date of Sampling:April 12, 2021Time of Sampling:9:02 AM

Place of Sampling: Blk.18 Lt.10 Phase 3 Milagrosa, Carmona, Cavite

Load

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	Pour Plate	64	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.

Method

### REFERENCES:

**Plate Count** 

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.

Marieris C. Manito RMT,MLS (ASCPi)

Certified by:

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703 Approved by:

Engr. Carlos B. Castromayor Laboratory Manager PRC Reg. No 18428 Noted by:

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 14295

Date Released: April 19, 2021

**SAMPLE DESCRIPTION:** Raw Water (Loyola Isidro) **Submitted By:** Carmona Water District

Date Received:April 12, 2021Date of Sampling:April 12, 2021Time of Sampling:2:00 PM

Place of Sampling: CWD D-Line Gov. Drive., Brgy., Bancal, Carmona, Cavite

Load

Source of Sampling: Water District O443-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	74	1 41 500

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:

**Plate Count** 

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, MT, MLS (ASCPi)

Laboratory Microbiologist PRC Reg. No. 69666 WMLA-18-0703 Approved by:

Engr. Carlos B. Castromayor Laboratory Manager

PRC Reg. No 18428

Noted by:

less than 500

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 14295

Date Released: April 19, 2021

SAMPLE DESCRIPTION: Raw Water (Carman de Mateo)

Submitted By: Carmona Water District

**Date Received:** April 12, 2022 Date of Sampling: April 12, 2022 Time of Sampling: 8:11 AM

Place of Sampling: CWD D-Line Cityland Subd., Mabuhay, Carmona, Cavite

Load

Source of Sampling:

Test Requested	Methodology	No. of Positive Tubes	Results	Standards
64.10		(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	57	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.

Method

#### REFERENCES:

**Plate Count** 

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 Laboratory Manager

PRC Reg. No 18428

Noted by:

ingr. Ali M. 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 14295

Date Released: April 19, 2021

SAMPLE DESCRIPTION: Raw Water (Elmer Ceneno) Carmona Water District

Submitted By: **Date Received:** 

April 12, 2022

Date of Sampling:

April 12, 2022 10:19 AM

Time of Sampling: Place of Sampling:

CWD D-Line Bongavilla St., Maduy Extension, 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	0	less than 1.1	less than 1.1
	Fermentation			
Thermotolerant Coliform	Multiple Tube	0	less than 1.1	less than 1.1
(E.Coli)	Fermentation			
Test Requested	Description	Methodology	Results	Standards
			CFU/ml	CFU/ ml
Heterotrophic	Total Microbial	Pour Plate	90	less than 500
Plate Count	Load	Method	70	iess mun 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 :

Marieris C. Manko RMT, MLS (ASCPi)

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Approved by

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