



COSMOLAB LABORATORIES, INC.

"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: March 21, 2018

Date of Sampling: March 21, 2018

Time of Sampling: 2:07 PM

Place of Sampling: CWD Office City Land Subd., Brgy., Mabuhay, Carmona, Cavite

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	80	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
20th Edition, APHA, Washington, DC, 2005

Certified by :

Maricris C. Manito, RMT
Laboratory Microbiologist
PRC Reg. No. 69666

Approved by:

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

Noted by:

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

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DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: March 21, 2018

Date of Sampling: March 21, 2018

Time of Sampling: 9:27 AM

Place of Sampling: CWD D-Line Melanie Altarez Brgy., 9, Carmona, Cavite

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	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)

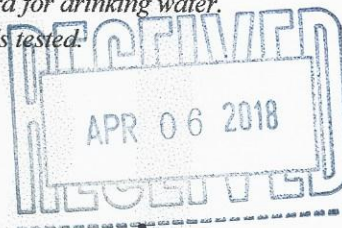
REMARKS:

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:

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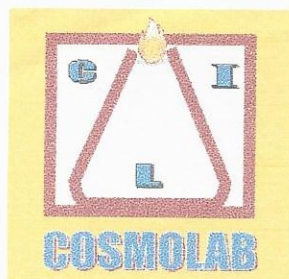
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DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: March 21, 2018
Date of Sampling: March 21, 2018
Time of Sampling: 9:02 AM
Place of Sampling: CWD D-Line #10305 Cabilang Baybay, 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	200	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:

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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date: April 3, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: March 21, 2018
Date of Sampling: March 21, 2018
Time of Sampling: 10:00 AM
Place of Sampling: CWD D-Line #1188 San Pablo St., Brgy., 1, Carmona, Cavite
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	200	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
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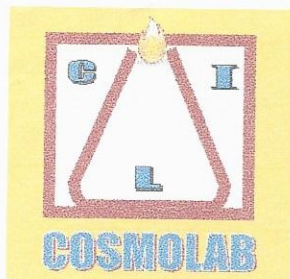
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DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: March 21, 2018

Date of Sampling: March 21, 2018

Time of Sampling: 9:53 AM

Place of Sampling: CWD D-Line #844 Zamora St., Brgy., 8, Carmona, Cavite

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	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
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: March 21, 2018

Date of Sampling: March 21, 2018

Time of Sampling: 1:00 PM

Place of Sampling: CWD D-Line #11320 Mapalad St., Mabuhay, Carmona, Cavite

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	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
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DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: March 21, 2018

Date of Sampling: March 21, 2018

Time of Sampling: 9:44 AM

Place of Sampling: CWD D-Line #627 Magallanes St., Brgy., 6, Carmona, Cavite

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	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

20th Edition, APHA, Washington, DC, 2005

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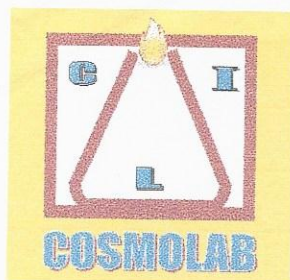
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: March 21, 2018
Date of Sampling: March 21, 2018
Time of Sampling: 8:37 AM
Place of Sampling: CWD D-Line Abandoned Rd., 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	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:

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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: March 21, 2018
Date of Sampling: March 21, 2018
Time of Sampling: 1:43 PM
Place of Sampling: CWD D-Line , Ph 1, Milagrosa, Carmona, Cavite
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	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:

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DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: March 21, 2018
Date of Sampling: March 21, 2018
Time of Sampling: 1:55 PM
Place of Sampling: CWD D-Line Brgy., 13, Lantic, 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	70	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.

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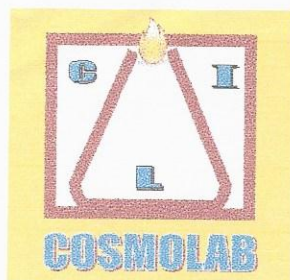
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DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: March 21, 2018

Date of Sampling: March 21, 2018

Time of Sampling: 1:36 PM

Place of Sampling: CWD D-Line Hebron St., Brgy., Mabuhay, Carmona, Cavite

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	70	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.

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COSMOLAB LABORATORIES, INC.

"Caring for the Environment through Quality Testing"



MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: March 21, 2018

Date of Sampling: March 21, 2018

Time of Sampling: 1:49 PM

Place of Sampling: CWD D-Line Phase 2, Milagrosa, 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	60	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
20th Edition, APHA, Washington, DC, 2005

Certified by :

Maricris C. Manito, RMT
Laboratory Microbiologist
PRC Reg. No. 69666

Approved by:

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

Noted by:

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

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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date: April 3, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: March 21, 2018
Date of Sampling: March 21, 2018
Time of Sampling: 9:12 AM
Place of Sampling: CWD D-Line Brgy. 4-5 SM Loyola St., 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	150	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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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date : April 3, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: March 21, 2018
Date of Sampling: March 21, 2018
Time of Sampling: 8:29 AM
Place of Sampling: CWD D-Line Southcoast, Bancal, Carmona, Cavite
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	250	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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Certified by :

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Approved by:

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

Noted by:

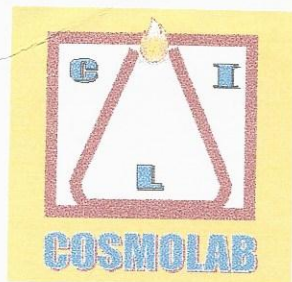
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 36518

Date: April 3, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: March 21, 2018
Date of Sampling: March 21, 2018
Time of Sampling: 9:17 AM
Place of Sampling: #279 San Jose St., Brgy., 2, 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	300	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
20th Edition, APHA, Washington, DC, 2005

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