



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 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water
 Submitted By: Carmona Water District
 Date Received: April 24, 2018
 Date of Sampling: April 24, 2018
 Time of Sampling: 9:35 AM
 Place of Sampling: CWD D-Line Phase 4, 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	51	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.

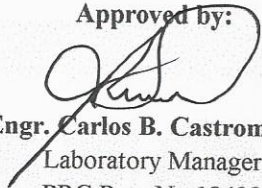
REFERENCES:

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

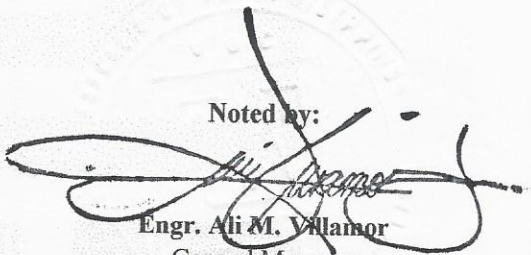
Certified by :


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

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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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 37155
Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: April 24, 2018
Date of Sampling: April 24, 2018
Time of Sampling: 9:26 AM
Place of Sampling: CWD D-Line Villa Sorte, Milagrosa, 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.

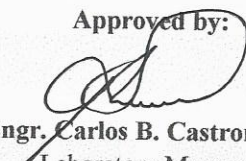
REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health
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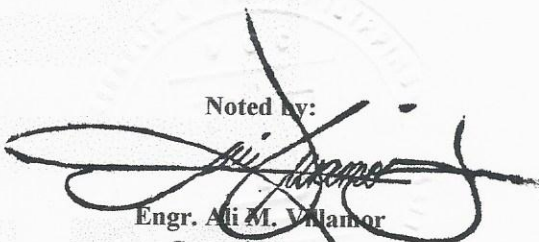
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water
 Submitted By: Carmona Water District
 Date Received: April 24, 2018
 Date of Sampling: April 24, 2018
 Time of Sampling: 10:10 AM
 Place of Sampling: CWD D-Line Magallanes St., Brgy., 6, 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	66	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.

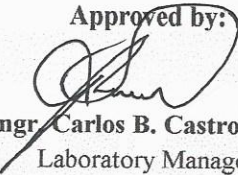
REFERENCES:

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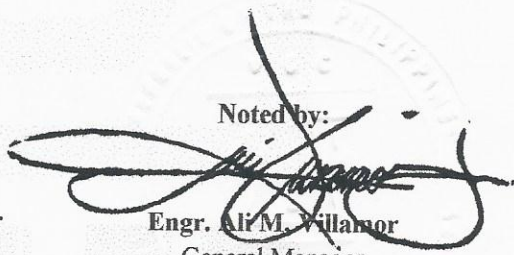
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DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water
 Submitted By: Carmona Water District
 Date Received: April 24, 2018
 Date of Sampling: April 24, 2018
 Time of Sampling: 10:10 AM
 Place of Sampling: CWD D-Line Paseo de 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	58	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.

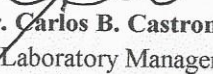
REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health
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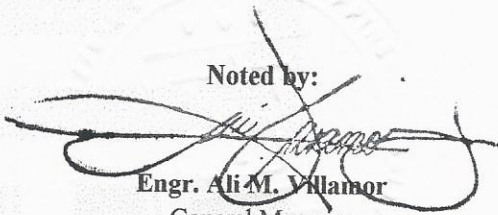
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: April 24, 2018

Date of Sampling: April 24, 2018

Time of Sampling: 2:15 PM

Place of Sampling: CWD D-Line Brgy., 10 Cabilang Baybay, 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	86	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.

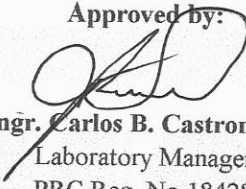
REFERENCES:

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Standard Methods for the Examination of Drinking Water and Wastewater
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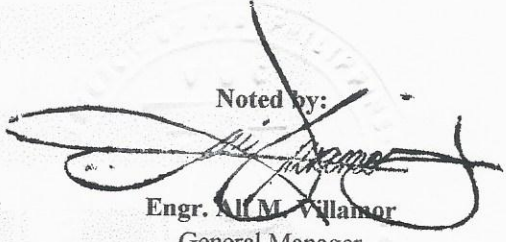
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No. : ML 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: April 24, 2018
Date of Sampling: April 24, 2018
Time of Sampling: 1:51 PM
Place of Sampling: CWD D-Line Brgy., San Pablo, 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	151	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.

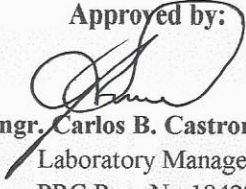
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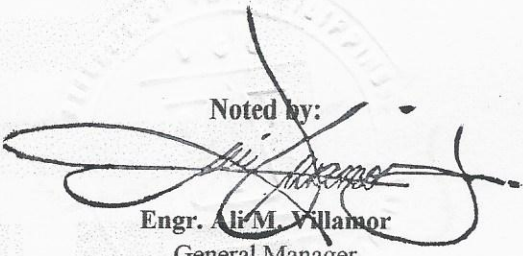
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: April 24, 2018

Date of Sampling: April 24, 2018

Time of Sampling: 10:16 AM

Place of Sampling: CWD D-Line Rosario 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	73	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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[Signature]
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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 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: April 24, 2018

Date of Sampling: April 24, 2018

Time of Sampling: 1:05 PM

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

Source of Sampling: Water District

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

Test Requested	Description	Methodology	Results CFU/ml	Standards CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	42	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.

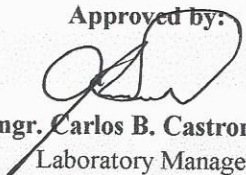
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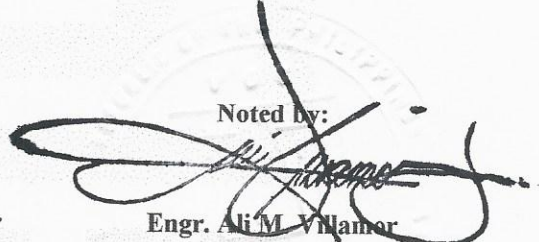
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water
 Submitted By: Carmona Water District
 Date Received: April 24, 2018
 Date of Sampling: April 24, 2018
 Time of Sampling: 9:50 AM
 Place of Sampling: CWD D-Line Altarez 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 CFU/ml	Standards CFU/ ml
Heterotrophic Plate Count	Total Microbial Load	Pour Plate Method	55	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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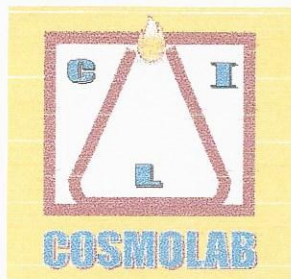
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RLA No.: ML 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: April 24, 2018
Date of Sampling: April 24, 2018
Time of Sampling: 9:35 AM
Place of Sampling: CWD D-Line Phase 1, 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	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)

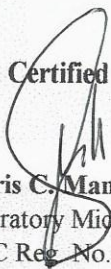
REMARKS:

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

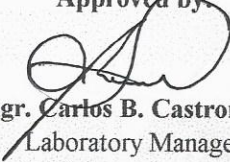
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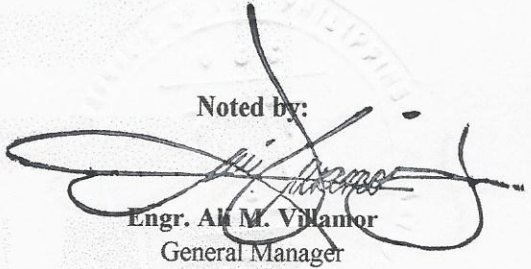
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NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 37155

Date: April 30, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: April 24, 2018
Date of Sampling: April 24, 2018
Time of Sampling: 2:08 PM
Place of Sampling: CWD D-Line SM Loyola St., 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	49	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.

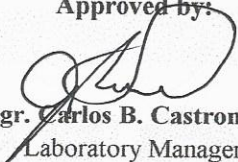
REFERENCES:

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

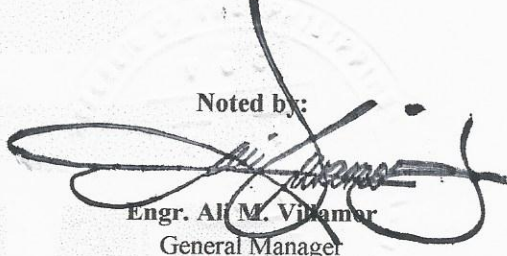
Certified by:


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

Approved by:


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

Noted by:


Engr. Al M. Vilamur
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-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water
 Submitted By: Carmona Water District
 Date Received: April 24, 2018
 Date of Sampling: April 24, 2018
 Time of Sampling: 8:52 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 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	63	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.

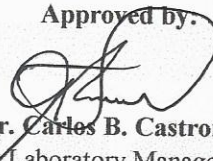
REFERENCES:

Philippine National Standards for Drinking Water, 2017, Department of Health
 Standard Methods for the Examination of Drinking Water and Wastewater
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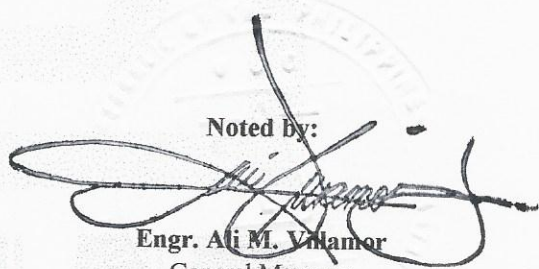
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Noted by:


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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 37155

Date: April 30, 2018

SAMPLE DESCRIPTION: Raw Water
 Submitted By: Carmona Water District
 Date Received: April 24, 2018
 Date of Sampling: April 24, 2018
 Time of Sampling: 2:02 PM
 Place of Sampling: Brgy., San Jose, 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	52	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.

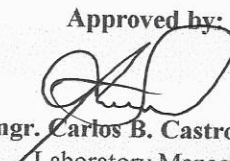
REFERENCES:

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 Standard Methods for the Examination of Drinking Water and Wastewater
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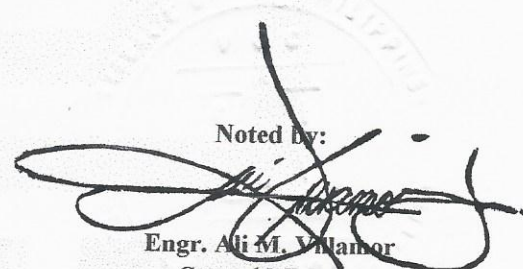
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER

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

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 37155

Date : April 30, 2018

SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: April 24, 2018
Date of Sampling: April 24, 2018
Time of Sampling: 9:42 AM
Place of Sampling: CWD D-Line Brgy., Lantic, 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	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.

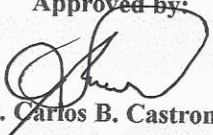
REFERENCES:

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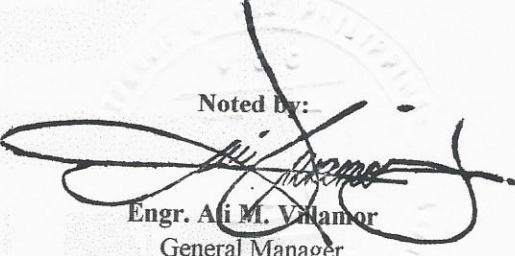
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MICROBIOLOGICAL TEST RESULTS for DRINKING WATER DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT **RLA No.:** ML 37155
Date : April 30, 2018
SAMPLE DESCRIPTION: Raw Water
Submitted By: Carmona Water District
Date Received: April 24, 2018
Date of Sampling: April 24, 2018
Time of Sampling: 9:10 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	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	81	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)

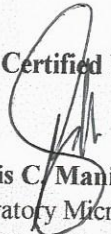
REMARKS:

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.

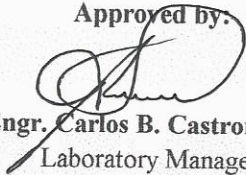
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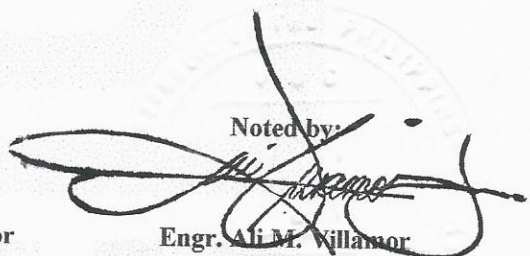
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