



# 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 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: June 26, 2018  
Date of Sampling: June 26, 2018  
Time of Sampling: 9:35 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	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	102	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

Blk. 13, Lt. 13, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna  
Telefax no. (049)-502-8133  
Mobile: 0929-755-7955/ 0908-158-6655/0928-520-3229  
E-Mail: [cosmolab\\_laboratories@yahoo.com](mailto:cosmolab_laboratories@yahoo.com) Website: [cosmolab-inc.webs.com](http://cosmolab-inc.webs.com)



<http://www.cosmolab-laboratories.com>  
[@cosmolablaboratoriesinc](mailto:@cosmolablaboratoriesinc)





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

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: June 26, 2018

Date of Sampling: June 26, 2018

Time of Sampling: 1:38 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	93	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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Blk. 13, Lt. 13, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna  
Telefax no. (049)-502-8133  
Mobile: 0929-755-7955/ 0908-158-6655/0928-520-3229  
E-Mail: [cosmolab\\_laboratories@yahoo.com](mailto:cosmolab_laboratories@yahoo.com) Website: [cosmolab-inc.webs.com](http://cosmolab-inc.webs.com)



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

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 38353

Date: July 6, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: June 26, 2018  
Date of Sampling: June 26, 2018  
Time of Sampling: 1:43 PM  
Place of Sampling: CWD D-Line 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	61	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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Telefax no. (049)-502-8133  
Mobile: 0929-755-7955/ 0908-158-6655/0928-520-3229  
E-Mail: [cosmolab\\_laboratories@yahoo.com](mailto:cosmolab_laboratories@yahoo.com) Website: [cosmolab-inc.webs.com](http://cosmolab-inc.webs.com)



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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 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: June 26, 2018

Date of Sampling: June 26, 2018

Time of Sampling: 10:29 AM

Place of Sampling: CWD D-Line San Pablo St., 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	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:

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 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: June 26, 2018  
Date of Sampling: June 26, 2018  
Time of Sampling: 10:12 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	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	75	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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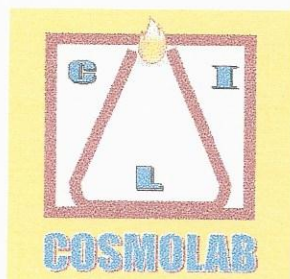
Blk. 13, Lt. 13, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna  
Telefax no. (049)-502-8133  
Mobile: 0929-755-7955/ 0908-158-6655/0928-520-3229  
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DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: June 26, 2018

Date of Sampling: June 26, 2018

Time of Sampling: 10:00 AM

Place of Sampling: CWD D-Line Paseo De Carmona, Brgy., Maduya, 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	104	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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NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: June 26, 2018  
Date of Sampling: June 26, 2018  
Time of Sampling: 8:41 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	88	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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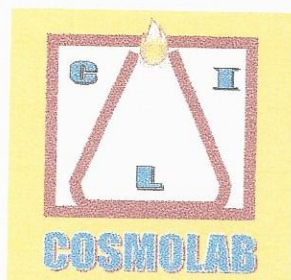
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DOH Water Laboratory Accreditation No. 04A-006-17-LW-2

NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: June 26, 2018  
Date of Sampling: June 26, 2018  
Time of Sampling: 1:01 PM  
Place of Sampling: CWD D-Line Mapalad St., Brgy. 2, 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	71	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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NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: June 26, 2018  
Date of Sampling: June 26, 2018  
Time of Sampling: 8:57 AM  
Place of Sampling: Abandoned Rd., 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	65	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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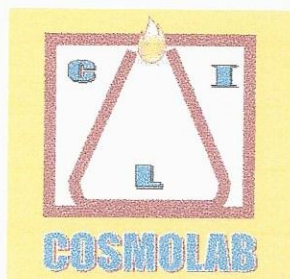
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NAME OF CLIENT: CARMONA WATER DISTRICT

RLA No.: ML 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: June 26, 2018

Date of Sampling: June 26, 2018

Time of Sampling: 9:47 AM

Place of Sampling: CWD D-Line Altarez St, Brgy., Maduya, 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	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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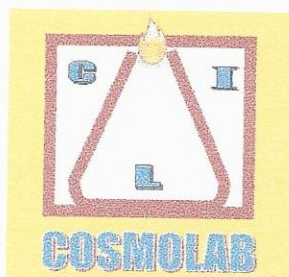
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RLA No.: ML 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: June 26, 2018

Date of Sampling: June 26, 2018

Time of Sampling: 10:19 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 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	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  
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

Blk. 13, Lt. 13, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna  
Telefax no. (049)-502-8133  
Mobile: 0929-755-7955/ 0908-158-6655/0928-520-3229  
E-Mail: [cosmolab\\_laboratories@yahoo.com](mailto:cosmolab_laboratories@yahoo.com) Website: [cosmolab-inc.webs.com](http://cosmolab-inc.webs.com)



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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 38353

Date: July 6, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: June 26, 2018

Date of Sampling: June 26, 2018

Time of Sampling: 2:00 PM

Place of Sampling: CWD D-Line SM Loyola St., Brgy., 4, 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	82	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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PRC Reg. No. 53000

Bldg. 13, Lt. 13, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna

Telefax no. (049)-502-8133

Mobile: 0929-755-7955/ 0908-158-6655/0928-520-3229

E-Mail: [cosmolab\\_laboratories@yahoo.com](mailto:cosmolab_laboratories@yahoo.com) Website: [cosmolab-inc.webs.com](http://cosmolab-inc.webs.com)



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"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 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water

Submitted By: Carmona Water District

Date Received: June 26, 2018

Date of Sampling: June 26, 2018

Time of Sampling: 9:14 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	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	112	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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Bldg. 13, Lt. 13, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna  
Telefax no. (049)-502-8133  
Mobile: 0929-755-7955/ 0908-158-6655/0928-520-3229  
E-Mail: [cosmolab\\_laboratories@yahoo.com](mailto:cosmolab_laboratories@yahoo.com) Website: [cosmolab-inc.webs.com](http://cosmolab-inc.webs.com)



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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 38353

Date: July 6, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: June 26, 2018  
Date of Sampling: June 26, 2018  
Time of Sampling: 1:53 PM  
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 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	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.

### 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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Approved by:

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Laboratory Manager  
PRC Reg. No 18428

Noted by:

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

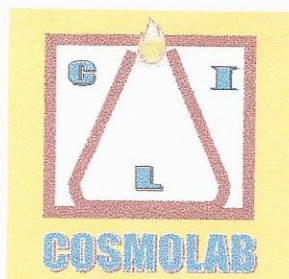
Blk. 13, Lt. 13, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna  
Telefax no. (049)-502-8133  
Mobile: 0929-755-7955/ 0908-158-6655/0928-520-3229  
E-Mail: [cosmolab\\_laboratories@yahoo.com](mailto:cosmolab_laboratories@yahoo.com) Website: [cosmolab-inc.webs.com](http://cosmolab-inc.webs.com)



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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 38353

Date : July 6, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: June 26, 2018  
Date of Sampling: June 26, 2018  
Time of Sampling: 9:25 AM  
Place of Sampling: CWD D-Line Phase 2, Brgy., 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	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  
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Engr. Alij M. Villamor  
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Bldg. 13, Lt. 13, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna  
Telefax no. (049)-502-8133  
Mobile: 0929-755-7955/ 0908-158-6655/0928-520-3229  
E-Mail: [cosmolab\\_laboratories@yahoo.com](mailto:cosmolab_laboratories@yahoo.com) Website: [cosmolab-inc.webs.com](http://cosmolab-inc.webs.com)



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