



# COSMOLAB LABORATORIES, INC.

"Caring for the Environment through Quality Testing"



## PHYSICOCHEMICAL TEST RESULTS for DRINKING WATER

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

NAME OF CLIENT: CARMONA WATER DISTRICT

SAMPLE DESCRIPTION: Raw Water ( New Pumping Station )

Submitted By: Carmona Water District

Date Received: August 20, 2018

Date of Sampling: August 20, 2018

Time of Sampling: 8:33 AM

Place of Sampling: Cabilang Baybay 2, Carmona, Cavite

Source of Sample: Water District

RLA No.: CL 39393

Date : August 28, 2018

PARAMETERS	UNIT	METHOD of DETECTION	RESULTS	SPECIFICATIONS	REMARKS
<b>Physical</b>					
Color	TCU	2120 Spectrophotometric	< 5	5 TCU	PASSED
Odor	-	2150 Threshold Odor Test	unobjectionable	unobjectionable	PASSED
Taste	-	2160 Flavor Threshold Test	unobjectionable	unobjectionable	PASSED
Turbidity	NTU	2130 Nephelometric	1.0	5 NTU	PASSED
<b>Chemical</b>					
pH @ 25 °C	-	4500-Glass Electrode	7.62	6.5 - 8.5	PASSED
Total Hardness as CaCO <sub>3</sub>	mg/L	2340 EDTA Titrimetric	96.12	300	PASSED
Chloride	mg/L	4500-Cl- Argentometric	3.15	250	PASSED
Nitrate	mg/L	Spectrophotometric	0.12	50	PASSED
Iron	mg/L	3500-Fe- Phenanthroline	0.05	1.0	PASSED
Arsenic	mg/L	AAS	< 0.001	0.01	PASSED
Cadmium	mg/L	AAS	< 0.01	1	PASSED
Lead	mg/L	AAS	< 0.01	0.01	PASSED
Copper	mg/L	AAS	< 0.01	1	PASSED
Manganese	mg/L	3500-Mn-Persulfate	0.05	0.4	PASSED
Total Dissolved Solids	mg/L	Conductimetric	216	500	PASSED

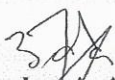
### REMARKS:

Results are those obtained at time of examination and relate only to the sample/s tested.

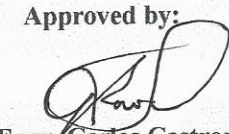
### REFERENCES:

Standard Methods for the Examination of Water & Wastewater, American Public Health Association,  
American Water Works Association, 21st ed., 2005  
Phillippine National Standard for Drinking Water, 2017

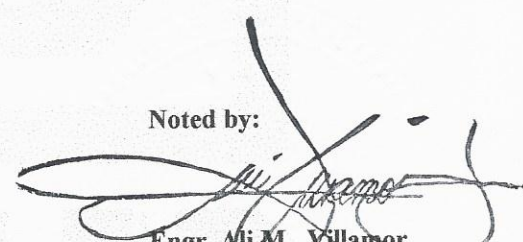
Certified by:

  
Zandra Daphne A. Apuan, RCh  
Laboratory Chemist  
PRC Reg. No. 9997  
WMLA-17-0554

Approved by:

  
Engr. Carlos 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)



Like us on  
Facebook

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





# 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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION: Raw Water (Ermitaño Medina)

Submitted By: Carmona Water District

Date Received: August 20, 2018

Date of Sampling: August 20, 2018

Time of Sampling: 1:15 PM

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

Source of Sampling: Water District

CCWD01G

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	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  
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





# 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 39393

Date: August 28, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: August 20, 2018  
Date of Sampling: August 20, 2018  
Time of Sampling: 10:01 AM  
Place of Sampling: CWD D-Line SM Loyola St., Brgy., Hall 4, Carmona, Cavite  
Source of Sampling: Water District  
CCWD01G

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	95	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

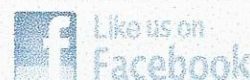
Approved by:

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

Noted by:

Engr. Al M. 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](https://www.facebook.com/cosmolablaboratoriesinc)





"Caring for the Environment through Quality Testing"

COSMOLAB LABORATORIES, INC.



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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION:

Raw Water (Melanie Alaraz)  
Carmona Water District

Submitted By:

Date Received:

August 20, 2018

Date of Sampling:

August 20, 2018

Time of Sampling:

1:24 PM

Place of Sampling:

CWD D-Lime Brgy., Maduya, Carmona, Cavite

Source of Sampling:

Water District

CCWD01G

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. AN M. Villamor  
General Manager  
PRC Reg. No. 53000

Bk. 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: cosmola\_b\_laboratories@yahoo.com Website: cosmola\_b-inc.webs.com



Like us on Facebook

http://www.cosmolab-laboratories.com

@cosmolablaboratoriesinc





# 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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION: Raw Water (Michael Obias)

Submitted By: Carmona Water District

Date Received: August 20, 2018

Date of Sampling: August 20, 2018

Time of Sampling: 9:22 AM

Place of Sampling: CWD D-Line Villa Sorte, Milagrosa, Carmona, Cavite

Source of Sampling: Water District

CCWD01G

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	62	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](https://www.facebook.com/cosmolablaboratoriesinc)





# 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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION: Raw Water (Restituto San Paseoal)

Submitted By: Carmona Water District

Date Received: August 20, 2018

Date of Sampling: August 20, 2018

Time of Sampling: 1:37 PM

Place of Sampling: CWD D-Line San Pablo St., Cabilang Baybay, Carmona, Cavite

Source of Sampling: Water District

CCWD01G

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	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  
Standard Methods for the Examination of Drinking Water and Wastewater  
20th Edition, APHA, Washington, DC, 2005

Certified by :

Maricris C. Mahito, 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](https://www.facebook.com/cosmolablaboratoriesinc)





# 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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION: Raw Water (Elnora Trinidad)

Submitted By: Carmona Water District

Date Received: August 20, 2018

Date of Sampling: August 20, 2018

Time of Sampling: 8:43 AM

Place of Sampling: CWD D-Line 14339 Gov.Drive, Bancal, Carmona, Cavite

Source of Sampling: Water District

CCWD01G

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:

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

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)



Like us on  
Facebook

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





# 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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION: Raw Water (Emelita Cabling)

Submitted By: Carmona Water District

Date Received: August 20, 2018

Date of Sampling: August 20, 2018

Time of Sampling: 8:50 AM

Place of Sampling: Abandoned Rd., Brgy., Bancal, Carmona, Cavite

Source of Sampling: Water District

CCWD01G

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	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:

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:

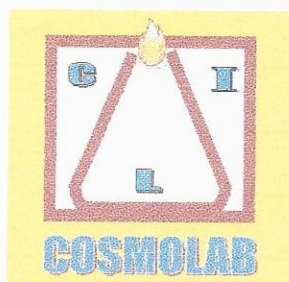
Engr. Ali M. Villamor  
General Manager  
PRC Reg. No. 53000



Like us on  
Facebook

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





# 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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION: Raw Water (Leize M. Erencillo)

Submitted By: Carmona Water District

Date Received: August 20, 2018

Date of Sampling: August 20, 2018

Time of Sampling: 1:08 PM

Place of Sampling: CWD D-Line 843 Brgy., 8, Carmona, Cavite

Source of Sampling: Water District

CCWD01G

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	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:

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. AH 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](https://www.facebook.com/cosmolablaboratoriesinc)





# 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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION: Raw Water (Fe Rofon)

Submitted By: Carmona Water District

Date Received: August 20, 2018

Date of Sampling: August 20, 2018

Time of Sampling: 8:32 AM

Place of Sampling: CWD D-Line Phase 4, Milagrosa, Carmona, Cavite

Source of Sampling: Water District

CCWD01G

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	92	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)



Like us on  
Facebook

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





# 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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION: Raw Water (Maria Del Pasion)

Submitted By: Carmona Water District

Date Received: August 20, 2018

Date of Sampling: August 20, 2018

Time of Sampling: 8:32 AM

Place of Sampling: CWD D-Line Corehouse, Bancal, Carmona, Cavite

Source of Sampling: Water District

CCWD01G

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  
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](https://www.facebook.com/cosmolablaboratoriesinc)





# 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 39393

Date : August 28, 2018

SAMPLE DESCRIPTION: Raw Water (Doreon Ariola)  
Submitted By: Carmona Water District  
Date Received: August 20, 2018  
Date of Sampling: August 20, 2018  
Time of Sampling: 9:31 AM  
Place of Sampling: CWD D-Line Brgy., Lantic, Carmona, Cavite  
Source of Sampling: Water District  
CCWD01G

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:

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

Bldg. 13, Lt. 13, Columbian Circle, Anahaw Subd., Dita, Sta. Rosa City, Laguna  
Telefax no. (049)-502-8133  
Mobile: 0929-755-7955/ 0908-158-6855/0928-520-3229  
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](https://www.facebook.com/cosmolablaboratoriesinc)





# 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: August 28, 2018

SAMPLE DESCRIPTION: Raw Water  
Submitted By: Carmona Water District  
Date Received: August 20, 2018  
Date of Sampling: August 20, 2018  
Time of Sampling: 9:55 AM  
Place of Sampling: CWD D-Line San Jose St., Brgy., 2, Carmona, Cavite  
Source of Sampling: Water District  
CCWD01G

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.

### 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)



Like us on  
Facebook

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

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

FACEBOOK

@cosmolablaboratoriesinc