

Aqualab Analytical Services Inc. Operating under the name "AQUALAB PH"
Block 39 Lot 1&3 Green Estate 3 Malagasang I-G Imus City 4103 Cavite
Tel. No.: (046) 686 3704 | Mobile No. 0919 087 4880 | Email: info@aqualabph.com
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Certificate No.: **24001404CL**
Account ID: **46CAR0223WSP001**
Sample ID: **L1904PC**

MARIVIC GANATON
OCAMPO CAMP, BRGY BANCAL
CARMONA, CAVITE

Requested by: **CARMONA WATER DISTRICT**
Main Source: **C.W.D.**
Water Purpose (Use): **DRINKING**
Date/Time Collected: **12/19/2024 10:59AM**
Collected By: **G. TAPANG**

Sampling Point: **FAUCET**
Type of Water: **CHLORINATED**
Date/Time Received: **12/19/2024 5:10PM**
Date/Time Tested: **12/19/2024 5:15PM**

CERTIFICATE OF PHYSICAL AND CHEMICAL ANALYSIS



PARAMETER	METHOD OF ANALYSIS	RESULT	LIMIT	REMARKS
Cadmium, mg/L	3113 B. Electrothermal Atomic Absorption Spectrometric Method	< 0,0003 (ND)	≤ 0,003	PASS
Lead, mg/L	3113 B. Electrothermal Atomic Absorption Spectrometric Method	< 0,0003 (ND)	≤ 0,01	PASS
Color (Apparent), CU	2120 B. Visual Comparison Method	<10	≤ 10	PASS
Turbidity, NTU	2130 B. Nephelometric Method	0,84	≤ 5	PASS
pH	4500-H+ B. Electrometric Method	6,95	6,5 - 8,5 5 - 7*	PASS
Chlorine Residual (as free Chlorine), mg/L	DPD Colorimetric Method	0,38	0,3 - 1,5**	-

NOTHING FOLLOWS

Remarks: Results of examination are specifically related to samples as received.
*Validation limits to determine efficiency of water purification process (reverse osmosis or distillation) for refilling stations.
**Applicable only for bulk water supply.
Pursuant to PNSDW 2017, sample was collected according to prescribed technique and was contained and transported in the prescribed container at controlled temperature by Aqualab PH trained personnel.
Sample analysis was conducted within the prescribed holding time.

Reference/s: Methods of Analysis are based on the Standard Methods for Examining Water and Wastewater (SMEWW), American Public Health Association, American Water Works Association, 22nd Edition (2012); Parameters and Limits are based on Philippine National Standards for Drinking Water (2017); pH limit for water that undergone reverse osmosis or distillation ranges from 5,7 - 7,0; TBD - To be determined; ND - Not detected or below limit of detection of instrument; N/A - Not applicable; Results of other test parameters are reported by a sub-contracting DOH-accredited laboratory.

Note/s: Comma (,) is used in this report to emphasize presentation of decimal separation/s.


EDISON O. SUBALA, RCh
Deputy for Chemistry Laboratory
PRC Reg. No. 0011947
PAULO ANTONIO E. CLEMENTE, MD, DPSP
Head of Laboratory
PRC Reg. No. 0113927

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Certificate No.: **24001403CL**

BANCAL PUMPING STATION 4
BRGY BANCAL
CARMONA, CAVITE

Account ID: 46CAR0223WSP001
Sample ID: L1903PC

Requested by: CARMONA WATER DISTRICT
Main Source: C.W.D.
Water Purpose (Use): DRINKING
Date/Time Collected: 12/19/2024 10:35AM
Collected By: G. TAPANG

Sampling Point: PUMP
Type of Water: CHLORINATED
Date/Time Received: 12/19/2024 5:10PM
Date/Time Tested: 12/19/2024 5:15PM

CERTIFICATE OF PHYSICAL AND CHEMICAL ANALYSIS

PARAMETER	METHOD OF ANALYSIS	RESULT	LIMIT	REMARKS
Arsenic, mg/L	3113 B. Electrothermal Atomic Absorption Spectrometric Method	< 0,0009 (ND)	≤ 0,01	PASS
Nitrate, mg/L	4500-NO3- D. Nitrate Electrode Method	0,63	≤ 50,00	PASS
Color (Apparent), CU	2120 B. Visual Comparison Method	<10	≤ 10	PASS
pH	4500-H+ B. Electrometric Method	6,91	6,5 - 8,5 5 - 7*	PASS
Total Dissolved Solids, mg/L	2540 C. Total Dissolved Solids Dried at 180°C	145	≤ 600 ≤ 10*	PASS
Chlorine Residual (as free Chlorine), mg/L	DPD Colorimetric Method	0,30	0,3 - 1,5**	-

NOTHING FOLLOWS



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**Applicable only for bulk water supply.

Pursuant to PNSDW 2017, sample was collected according to prescribed technique and was contained and transported in the prescribed container at controlled temperature by Aqualab PH trained personnel.

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