

SUITE 807, UNION SQUARE CONDOMINIUM 15TH AVENUE, CUBAO, QUEZON CITY
TEL/FAX: 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

TEST REPORT

Sample Lab. No. : 21-0075
 Submitted By : Baa Water District
 Address : Baa, Camarines Sur
 Contact Number : -----
 Sample Source : Deepwell
 Sample Location : Bagumbayan 2

Date/Time of : 19-Jan-2021
 Collection : 11:00 PM
 Receipt : 22-Jan-2021
 Examination : Jan. 22-29, 2021
 Test Report # PC-2021-0190

| WATER QUALITY | | | | |
|--------------------------------|---------|-------------|-----|--|
| PHYSICAL ANALYSIS | | | | |
| Parameters | Results | PNSDW Limit | MDL | Methodology |
| Turbidity (NTU) | : 2.88 | 5 | | 2130 B. Nephelometric Method |
| Apparent Color (Color Units) | : 10 | 10 | | 2120 B. Visual Comparison |
| CHEMICAL ANALYSIS | | | | |
| pH* | : 7.08 | 6.5 - 8.5 | | 4500-H+ B. Electrometric |
| Total Dissolved Solids (mg/L)* | : 298 | 600 | | 2540 C. Gravimetric dried at 180°C |
| Sulfate (mg/L)* | : 3.2 | 250 | | 4500-SO ₄ ²⁻ E. Turbidimetric |
| Nitrate (mg/L) | : 2.6 | 50 | | 4500-NO ₃ ⁻ D Electrode Method |
| Chloride (mg/L) | : 8 | 250 | | 4500-Cl- B. Argentometric |
| METAL ANALYSIS (mg/L) | | | | |
| Iron (mg/L, total) | : 0.12 | 1.00 | | 3111 B. Direct Air-Acetylene |
| Manganese (mg/L, total) | : 0.28 | 0.40 | | 3111 B. Direct Air-Acetylene |

NOTES:

* ISO/IEC 17025:2017 Accredited Parameters.

MDL - Method Detection Level

PNSDW - Philippine National Standards for Drinking Water

Data italicized are provided by the customer.

The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained.

Result(s) of the examination is/are specifically related to sample(s) as received.

REFERENCES:

American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water. 22nd Edition., American Public Health Assoc., Washington D.C.
Dept. of Health, Philippine National Standards for Drinking Water 2017

Analyzed by:

Lorraine Mae S. Asaytuno
 PRC No. 0013916
 Date: January 29, 2021

Certified by:

Harlene Joy L. Cruz
 PRC No. 0009512
 Date: January 29, 2021

Noted by:

Louvelyn A. Bagarra
 PRC No. 0025350
 Date: January 29, 2021

End of Report

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