

DL/7.8/F-01

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|  JALSEVA TRAINING INSTITUTE GWSB LABORATORIES | Laboratory in Charge, District Laboratory, Quarter No. F/7 & F/8, Jalseva Nagar, Opp. G. K. General Hospital, Bhuj (Kachchh) - 370001 Phone : (02832) 220914 |  પ્રયોગશાળા ઈ-સાઈટ, જીસેવા પ્રયોગશાળા, ઈવાઈટ નં.એફ-૭ અને એફ-૮ જલસેવા નગર, ઓ.કે.જનરલ હોસ્પિટલ સામે, ભુજ(કચ્છ) - ૩૭૦૦૦૧ ફોન : (૦૨૮૩૨) ૨૨૦૯૧૪ |
| | [Email : dl.bhuj@gmail.com] | |

Test Report

Name & Address of Customer:-

The Pricipal
 BMCB Public School Lakhond
 Bhuj
 Private

Customer Reference No.: ..., 26/Jun/2023

Sample Submitted by : Sender

Date of Sample Receipt : 26-Jun-2023

Analysis Starting Date : 27-Jun-2023

Analysis Completion Date : 28-Jun-2023

ULR No.:TC93882300000920F

Dicipline : Chemical Testing, Group : Water

| Test Report No.: 402 / 2023-2024. | | Date of Issue : 28-Jun-2023 | | |
|--|--|------------------------------|--|------------------|
| Sample ID : BCW-402 / 06-2023 | | Mode of Sample: Satisfactory | | |
| Main Source : Ground Water. | | Source : Bore Well | | |
| Location : BMCB School 300mm X 600ft | | | | |
| Village : Lakhond | | Habitation : | | |
| Taluka : Bhuj | | District : Kutch | | |
| Latitude : 00.000000 | | Longitude : 00.000000 | | |
| Kindly find herewith the Analytical Results. | | Sample Type: Drinking Water | | |
| Sr.No. | Parameter | Unit | Reference Method : | Analytical Value |
| 1 | Colour | Hazen | APHA (23 rd Ed 2017), Method: 2120 B | < 5 |
| 2 | Odour | - | IS : 3025 (Part 5) - 2018 | Agreeable |
| 3 | Taste | - | IS : 3025 (Part 8) - 1984 | Agreeable |
| 4 | Turbidity | NTU | APHA (23 rd Ed 2017), Method: 2130 B | 1.28 |
| 5 | pH at 25°C | - | APHA (23 rd Ed 2017) Method: 4500 H ⁺ B | 7.18 |
| 6 | Conductivity at 25°C | μS/cm | APHA (23 rd Ed 2017) Method: 2510 B | 978 |
| 7 | Total Dissolved Solids | mg/l | APHA (23 rd Ed 2017) Method: 2540 C | 912 |
| 8 | Total Hardness (as CaCO ₃) | mg/l | APHA (23 rd Ed 2017) Method: 2340 C | 340 |
| 9 | Calcium (as Ca ⁺²) | mg/l | APHA (23 rd Ed 2017) Method: 3500 Ca ⁺² B | 63 |
| 10 | Magnesium (as Mg ⁺²) | mg/l | APHA (23 rd Ed 2017) Method: 3500-Mg ⁺² B | 45 |
| 11 | Chloride (as Cl ⁻) | mg/l | APHA (23 rd Ed 2017) Method: 4500-Cl ⁻ B | 284 |
| 12 | Sulphate (as SO ₄ ⁻²) | mg/l | APHA (23 rd Ed 2017) Method: 4500-SO ₄ ⁻² E | 119 |
| 13 | Nitrate (as NO ₃ ⁻) | mg/l | APHA (23 rd Ed 2017) Method: 4500-NO ₃ ⁻ B | 9.86 |
| 14 | Fluoride (as F ⁻) | mg/l | APHA (23 rd Ed 2017) Method: 4500-F ⁻ C | 0.34 |
| 15 | Total Alkalinity (as CaCO ₃) | mg/l | APHA (23 rd Ed 2017) Method: 2320 B | 208 |

This Report is issued under the following terms & Condition :

1. This report is referring only to the tested sample and for applicable parameter.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part, and can't be used be as evidence in court of law.
4. Please refer back page for IS 10500:2012 (2nd Revision) limits.

Checked By :

(V.J.Chudasama)

QMg. / TMg. / Dy.QMg. / Dy.TMg.

Issued By:

(V.J.Chudasama)

QMg. / TMg. / Dy.QMg. / Dy.TMg.

Authorized Signatory

----- End of the Test Report -----

O.W.No. DLBhuj/CAR/ 974 /of 2023, Dt. 27/06/2023

Quarter No. F/7 & F/8, Jalseva Nagar, Opposite G. K. General Hospital, Bhuj - 370001

Phone No.:- (02832) 220914, E-mail: dl.bhuj@gmail.com



For, Shree Ajramar Charitable Trust
 Prof. K. K. Kothari
 Managing Trustee



Principal
 BMCB Public School
 Bhuj - Kutch.

IS-10500:2012 (2nd Revision)

| Sr. No. | Parameter | Unit | Requirement (Acceptable Limit) | Permissible Limit in the Absence of Alternate Source |
|---------|--|-------|--------------------------------|--|
| | | | Max. | Max. |
| 1 | Colour | Hazen | 5 | 15 |
| 2 | Odour | - | Agreeable | Agreeable |
| 3 | Taste | - | Agreeable | Agreeable |
| 4 | Turbidity | NTU | 1 | 5 |
| 5 | pH at 25 ^o C | - | 6.5 to 8.5 | No relaxation |
| 6 | Conductivity at 25 ^o C | μS/cm | - | - |
| 7 | Total Dissolved Solids | mg/l | 500 | 2000 |
| 8 | Total Hardness (as CaCO ₃) | mg/l | 200 | 600 |
| 9 | Calcium (as Ca) | mg/l | 75 | 200 |
| 10 | Magnesium (as Mg) | mg/l | 30 | 100 |
| 11 | Chloride (as Cl) | mg/l | 250 | 1000 |
| 12 | Sulphate (as SO ₄) | mg/l | 200 | 400 |
| 13 | Nitrate (as NO ₃) | mg/l | 45 | No relaxation |
| 14 | Fluoride (as F) | mg/l | 1 | 1.5 |
| 15 | Total Alkalinity (as CaCO ₃) | mg/l | 200 | 600 |