



TEST REPORT

| Report No. | WAURLS2300000236 | Date | 21.06.2023 |
|---|--|-----------------------------|------------|
| 1. Name & Address of Customer | Green Field Academy, Hargaon, Sitapur (U.P.)-261121. | | |
| 2. Reference No. | T.R.F. Dated 17.06.23, 000183 | | |
| 3. Material Identification with Details | Water; 1 Litre | | |
| 4. Source / Location | Drinking RO Water/School Premise | | |
| 5. Sampled by /Condition of Sample | School Authority/Sealed & Satisfactory | | |
| 6. Date of Sample Receipt | 17.06.2023 | | |
| 7. Date of Sample Registration | 17.06.2023 | | |
| 8. Date of Sample Testing | 17.06.2023 to 21.06.2023 | | |
| 9. Environmental Conditions | Room Temperature (°C): - 27.4 | Relative Humidity (%): - 48 | |

RESULTS

| S. No. | Name of Test | Method of Test | Test Result | Units | IS 10500:2012 Drinking Water Specification (Second Revision) |
|----------------------|--|------------------------|---------------|-------|--|
| Discipline- Chemical | | | | | |
| Group- Water | | | | | |
| 1 | Odour | IS:3025 (Part 05) 1988 | Agreeable | - | Agreeable (No Relax.) |
| 2 | Taste | IS:3025 (Part 08) 1988 | Agreeable | - | Agreeable (No Relax.) |
| 3 | Color | IS:3025 (Part 04) 1983 | BLQ (LOQ=0.5) | Hazen | 5.0 |
| 4 | Turbidity | IS:3025 (Part 10) 1996 | BLQ (LOQ=0.1) | NTU | 1.0 (Max. 5.0) |
| 5 | pH value | IS:3025 (Part 11) 1983 | 7.24 | - | 6.5-8.5 (No Relax.) |
| 6 | Total Dissolved Solids | IS:3025 (Part-16) 2006 | 81 | mg/l | 500 (Max.2000) |
| 7 | Total Hardness as CaCO ₃ | IS:3025(Part-21) 2009 | 38 | mg/l | 200 (Max. 600) |
| 8 | Calcium as Ca ⁺⁺ | IS:3025 (Part-40) 2003 | 10.6 | mg/l | 75 ((Max. 200) |
| 9 | Magnesium as Mg ⁺⁺ | IS:3025 (Part-46) 2003 | 2.8 | mg/l | 30 (Max.100) |
| 10 | Total Alkalinity as CaCO ₃ | IS:3025(Part-23) 2009 | 6.64 | mg/l | 200 (Max. 400) |
| 11 | Chloride as Cl ⁻ | IS:3025 (Part-32) 1988 | 29.9 | mg/l | 250 (Max.1000) |
| 12 | Total Iron as Fe | IS:3025 (Part-53) 2003 | BLQ (LOQ=0.1) | mg/l | 1.0 (No Relax.) |
| 13 | Nitrate as NO ₃ ⁻ | IS:3025 (Part 34) 1988 | BLQ (LOQ=1.0) | mg/l | 45 (No Relax.) |
| 14 | Sulphate as SO ₄ ⁻ | IS:3025 (Part 24) 1986 | 3.9 | mg/l | 200 (Max. 400) |
| 15 | Fluoride as F ⁻ | IS:3025 (Part-60) 2008 | BLQ (LOQ=0.1) | mg/l | 1.0 (Max. 1.5) |
| 16 | Free Residual Chlorine | IS:3025 (Part-26) 1986 | BLQ (LOQ=0.2) | mg/l | 0.2 (Max. 1.0) |
| 17 | Silica as SiO ₂ | IS:3023 (Part 35) 1988 | BLQ (LOQ=1.0) | mg/l | -NS- |

BLQ=Below Limit of Quantification, LOQ= Limit of Quantification, NS= Not Specified.

Remarks: The Sample Conforms to IS 10500:2012 (Second Revision) Drinking Water Specifications with respect to tests conducted

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Checked By

End of Report



Authorized Signatory

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