



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Bengaluru Urban Divisional Laboratory-Banashankari, Bangalore-560070.

NABL Accredited Laboratory Bangalore urban

| TEST REPORT | | | | | |
|--|--|-----------|---|---|-------------------------------|
| Address of the sampling location :- Moulya Gurukul International School | | | Report date: 22/04/2024 | | |
| 68/3, Hompalaghatta, Kasaba Hobli, Anekal | | | Report Number: 0531 | | |
| Bangalore-562106. | | | Reference: TRF | | |
| | | | Sample code: 0531 | | |
| | | | Date of Sample collection: 17/04/2024 | | |
| | | | Analysis start date: 18/04/2024 | | |
| | | | Analysis completion date: 19/04/2024 | | |
| | | | DISE Number: | | |
| Sample Particulars: R.O water | | | Sample quantity: 1 Liter | | |
| Sl.No | Test | Results | Acceptable Limit IS 10500 : 2012 RA:2018 | Permissible Limit IS 10500 : 2012 RA:2018 | Protocol |
| Description: Colourless liquid | | | | | |
| 1 | pH Value @25°C Temp | 7.0 | 6.5 – 8.5 | No relaxation | IS 3025 (Part-11) : 2022 |
| 2 | Specific Conductance, $\mu\text{S}/\text{cm}$ @25°C Temp | 70.0 | - | - | IS 3025 (Part-14) : 2013 |
| 3 | Odour | Agreeable | Agreeable | Agreeable | IS 3025 (Part-5 & 6):2018 |
| 4 | Colour, Hazen Units | < 1.0 | 5 | 15 | IS 3025 (Part-4) :2021 |
| 5 | Turbidity, NTU | 0.0 | 1 | 5 | IS 3025 (Part-10) : 2023 |
| 6 | Total Dissolved Solids, mg/l @180°C | 40.0 | 500 | 2000 | IS 3025 (Part-16) : 2023 |
| 7 | Alkalinity as CaCO_3 , mg/l | 8.7 | 200 | 600 | IS 3025 (Part-23) : 2023 |
| 8 | Total Hardness as CaCO_3 , mg/l | 8.3 | 200 | 600 | IS 3025 (Part-21) : 2009 |
| 9 | Calcium as Ca, mg/l | 1.7 | 75 | 200 | IS 3025 (Part-40) : 1991 |
| 10 | Magnesium as Mg, mg/l | 1.0 | 30 | 100 | IS 3025 (Part-46) : 2023 |
| 11 | Chloride as Cl, mg/l | 7.5 | 250 | 1000 | IS 3025 (Part-32) : 1988 |
| 12 | Sulphate as SO_4 , mg/l | 4.4 | 200 | 400 | IS 3025 (Part-24) : 2022 |
| 13 | Fluoride as F, mg/l | Nil | 1 | 1.5 | APHA 24 rd Edition |
| 14 | Nitrate as NO_3 , mg/l | 2.7 | 45 | No relaxation | APHA 24 rd Edition |
| 15 | Iron as Fe, mg/l | Nil | 1 | No relaxation | IS 3025 (Part-53) : 2003 |
| Remark: The above given sample conforms to the acceptable limits as per IS 10500:2012 drinking water specifications for the above mentioned parameters only. | | | | | |
| Analysed by: Megha K.S Senior Analyst/Junior Analyst | | | Authorized Signatory: Pavithra B.S Technical Manager: Pavithra B.S | | |



Note:

- 1) The above results relate only to the sample tested.
- 2) The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- 3) Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- 4) Samples will be discarded after 15 days from the date of report generation.
- 5) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01

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