



AES TESTING LABORATORY

(ISO 9001:2005/ISO45001:2018 Certified Laboratory)

44, 45, 1st Main Road, Vinayaka Nagar, Bagalagunte, Nagasandra Post, Bangalore - 560 073.

Mob : 9538555792, 9538555283, 9000565208, Email : aestestinglaboratory@gmail.com Web : www.aeslabs.co.in

TEST REPORT

| | |
|---|--|
| Report No: AESTL/25/03/W/0426 | Page: 1 of 1 |
| Issued To: M/s. Wisdom Montfort international School Agrahara Badavane, Thirumenahalli, Yelahanka , Bengaluru-560060. | Report Date : 20/03/2025 |
| | Customer Reference: Verbal |
| | Date of Receipt : 17/03/2025 |
| | Date of test Start : 17/03/2025 |
| Sample Collected By: Customer | Date of Completion of test: 20/03/2025 |
| | Sample Particulars : R.O Water |

Analytical Result

| Sl. No | Tests | Results | Maximum Acceptable Limits (in mg/L) | Maximum Permissible Limits (in mg/L) | Protocol |
|------------------------|--|-----------|-------------------------------------|--------------------------------------|-----------------------------|
| (As per IS 10500:2012) | | | | | |
| 01 | Colour, Hazen Units | <5.0 | 5 | 15 | APHA 2120 B |
| 02 | Odour | Agreeable | Agreeable | Agreeable | APHA 2150 C |
| 03 | Turbidity, NTU | <1.0 | 1 | 5 | APHA 2130 B |
| 04 | pH Value | 6.62 | 6.5 - 8.5 | No Relaxation | APHA 4500 H+ B |
| 05 | Electrical conductivity, $\mu\text{s/cm}$ | 120.0 | --- | --- | APHA 2510B |
| 06 | Total Hardness as CaCO_3 , mg/L | 14.0 | 200 | 600 | APHA 2340 C |
| 07 | Calcium as Ca, mg/L | 3.0 | 75 | 200 | APHA 3500 Ca |
| 08 | Magnesium as Mg, mg/L | 2.0 | 30 | 100 | APHA 3500 Mg - B |
| 09 | Chloride as Cl, mg/L | 4.0 | 250 | 1000 | APHA 4500 Cl |
| 10 | Total Dissolved Solids, mg/L | 25.0 | 500 | 2000 | APHA 2540 C |
| 11 | Sulphate as SO_4 , mg/L | <1.0 | 200 | 400 | APHA 4500 SO_4 - E |
| 12 | Nitrate as NO_3 , mg/L | 0.1 | 45 | No Relaxation | IS 3025 Part 34 |
| 13 | Fluoride as F, mg/L | <0.1 | 1.0 | 1.5 | APHA 4500 F- D |
| 14 | Iron as Fe, mg/L | <0.05 | 0.3 | No Relaxation | APHA 3500 Fe |
| 15 | Total Alkalinity as CaCO_3 , mg/L | 12.0 | 200 | 600 | APHA 2320 B |
| 16 | Chromium as Cr^{6+} , mg/L | <0.05 | 0.05 | No Relaxation | IS 3025/Part |
| 17 | Zinc as Zn, mg/L | <0.5 | 5 | 15 | IS 3025/Part-52 |
| 18 | Copper as Cu, mg/L | <0.05 | 0.05 | 1.5 | IS 3025/Part-49 |
| 19 | Manganese as Mn mg/L | <0.1 | 0.1 | 0.3 | IS 3025/Part-42 |
| 20 | Aluminium as Al, mg/L | <0.03 | 0.03 | 0.2 | IS 3025/Part-59 |
| 21 | Boron as B, mg/L | <0.5 | 0.5 | 1.0 | IS 3025/Part-55 |
| 22 | Total Coliform MPN/100ml | Absent | Absent | Absent | IS :15185:2016 57(Ref 2021) |
| 23 | E.Coli MPN/100ml | Absent | Absent | Absent | IS :15185:2016 (Ref 2021) |

Remarks: The above given parameter of given water sample meets to Acceptable limits as per IS 10500: 2012 for above chemical test but Microbiological test.

*****End of the Report*****

Tested By:

Authorized Signature:

Note : 1. The Result listed pertain only to tested samples and applicable parameters. 2. Samples will be destroyed after 15 days from the date of issue of test certificate unless & otherwise Specified. 3. This Report is not be reproduced either wholly or in part and can not be used an evidence in the count of law and should not any adveting media without prior Written permission. 4. Sampling not done by us, unless specified.