AR CLEAN ENVIRO LABS
Water, Food & Environment Testing Laboratory
Recognized by MOEF & CC

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## TEST REPORT

| | |
|---|---|
| **Name and Address of the Client:**<br>**M/S. Karunya Vidya Bhavan**<br>**(English Medium School)**<br>Karunagiri, Khammam, Telangana- 507003. | **Sample Registration** : 3987/10/26-001<br>**Test Report No** : CEL/W/3987/10/26-001<br>**Report Issued Date:** : 16.10.2026<br>**Your Reference** : Nil<br>**Date of Receipt** : 12.10.2026 |

| | | | |
|---|---|---|---|
| **Group** | : Water | **Date of Registration** | 12.10.2026 |
| **Discipline** | : Chemical & Biological | **Date of Commencement of Testing** | 12.10.2026 |
| **Sample Description** | : RO Water | **Date of Completion of Testing** | 16.10.2026 |
| **Sample Quantity** | : 1 Liter | **Sample Condition of Receipt** | Found Ok |
| **Sample Packing** | : Clean & Sterile Container | | |

**Sampling Details**

**Date of Sampling:** 12.10.2026 — **Sample Provided By:** Client

**TEST RESULT**

| S. No | TEST PARAMETERS | TEST METHOD | UNITS | RESULTS | Acceptable Limits (As Per IS: 10500:2012) |
|---|---|---|---|---|---|
| 1. | pH@25.0°C | IS 3025 (Part-11) 1983 :RA-2017 | -- | 7.90 | 6.5 – 8.5 |
| 2. | Electrical Conductivity | IS 3025 (Part-14) 2013 | µs/cm | 152 | Not Specified |
| 3. | Total Dissolved Solids | IS 3025 (Part-16) 1984 :RA-2017 | mg/l | 76 | Max. 500 |
| 4. | Turbidity | IS 3025 (Part-10) 1984 :RA-2017 | NTU | < 1.0 | Max. 1.0 |
| 5. | Odor | IS 3025 (Part-5) 2018 | -- | Agreeable | Agreeable |
| 6. | Color | IS 3025 (Part-4) 1983 :RA-2017 | CU | < 1.0 | Max. 5.0 |
| 7. | Total Alkalinity as $CaCO_3$ | IS 3025 (Part-23) 1986 :RA-2003 | mg/l | 28 | Max. 200 |
| 8. | Total Hardness as $CaCO_3$ | IS 3025 (Part-21) 2009 :RA-2019 | mg/l | 26 | Max. 200 |
| 9. | Calcium as Ca | IS 3025 (Part-40) 1991 :RA-2003 | mg/l | 6.2 | Max. 75 |
| 10. | Magnesium as Mg | IS 3025 (Part-46) 1994 :RA-2003 | mg/l | 2.5 | Max. 30 |
| 11. | Chlorides as Cl | IS 3025 (Part-32) 1988 :RA-2019 | mg/l | 16 | Max. 250 |
| 12. | Sodium as Na | APHA 24th Edition-3500 Na B | mg/l | 10 | Not Specified |
| 13. | Potassium as K | APHA 24th Edition-3500 K B | mg/l | 1.0 | Not Specified |
| 14. | Sulphates as $SO_4$ | IS 3025 (Part-24) 1986 :RA-2003 | mg/l | 6.0 | Max. 200 |
| 15. | Nitrates as $NO_3$ | APHA 24th Edition 4500 $NO_3$-C | mg/l | 1.0 | Max. 45 |
| 16. | Iron as Fe | IS 3025 (Part-53) 2003 | mg/l | 0.10 | Max. 1.0 |
| 17. | Fluoride as F | IS 3025 (Part-60) 2008 | mg/l | 0.20 | Max. 1.0 |
| 18. | Silica as $SiO_2$ | IS 3025 (Part 35) 1998 :RA-2003 | mg/l | 0.10 | Not Specified |
| | **MICROBIOLOGICAL ANALYSIS** | | | | |
| 19. | Total Plate Count | IS 1622: 1981 | Cfu/ml | 05 | Not Specified |
| 20. | Coliforms | IS 15185: 2016 | Per 100ml | Absent | Absent/100ml |
| 21. | *Escherichia coli* | IS 15185: 2016 | Per 100ml | Absent | Absent/100ml |

**APHA** – American Public Health Association, **IS** – Indian Standard, **ISO** - International Organization for Standardization, **CFU** – Colony Forming Units.

**Remarks:** The given water sample is suitable for drinking purpose as per the specifications given by IS 10500:2012.

**Verified By**
**G. Mamatha**
**(Sr.Chemist)**

**Authorized By**
**K. Anusha**
**(Sr.Chemist)**

AR CLEAN ENVIRO LABS LLP HYDERABAD

*******END OF THE REPORT*******