



Vista Labs

Analytical • Biological • Environmental

An ISO 9001:2015 &
OHSAS ISO 45001:2018 Certified Lab



Regn. No.20DQGN85

TEST REPORT

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| | | |
|--|---------------------------------------|--|
| Name & Address Of Customer: M/s. Pallavi Model School 1-5-563/1/414D/NR, Near Pakalakunta, Alwal, Secunderabad-500010. | Lab Ref. No: | VIS/1629/2023 |
| | Reporting Date: | 29/06/2023 |
| | Sample Received On: | 28/06/2023 |
| | Your Ref No: | Verbal |
| Sample Description: R.O.water | Analysis Started On: | 28/06/2023 |
| Sample Condition At the time of Receipt: Found OK | Date of Sampling: | 28/06/2023 |
| Sample drawn By: Customer | Quantity Received: 1Ltr X 1No. | Analysis Completed On: 29/06/2023 |

TEST RESULTS

| Sl. No. | Characteristic Physical & Chemical | Test method | Results | Requirement (Acceptable Limit) As per IS 10500:2012 |
|---------|---|---|-----------|--|
| 1. | P ^H Value at 25°C | IS:3025(Part -11)-1983,RA 2017 | 6.82 | 6.50 - 8.50 |
| 2. | Electrical conductivity @ 25°C, µS/cm | APHA (23 rd Edn:2017) -2510 B | 86 | Not specified |
| 3. | Total Dissolved solids, mg/l | IS:3025(Part -16)-1984,RA 2006 | 56 | < 500 |
| 4. | Turbidity, (NTU) | IS:3025(Part -10) 1984,RA 2017 | < 1.00 | < 1.0 |
| 5. | Colour, (Hazen Units) | IS:3025(Part - 4)-1983,RA 2017 | < 02 | < 05 |
| 6. | Odour | IS:3025(Part - 5)-1983,RA 2018 | Agreeable | Agreeable |
| 7. | Total Hardness as CaCO ₃ , mg/l | IS:3025(Part -21)-2009,RA 2014 | 15 | < 200 |
| 8. | Alkalinity to Phenolphthalein as CaCO ₃ , mg/l | IS:3025(Part -23)-1986,RA 2014 | Nil | Not specified |
| 9. | Alkalinity to methyl orange as CaCO ₃ , mg/l | IS:3025(Part -23)-1986,RA 2014 | 28 | < 200 |
| 10. | Calcium as Ca mg/l | IS:3025(Part -40)1991,RA 2014 | 3.6 | < 75 |
| 11. | Magnesium as Mg mg/l | APHA (23 rd Edn:2017)-3500-Mg B | < 2.0 | < 30 |
| 12. | Sodium as Na mg/l | IS:3025(Part -45) 1993,RA 2014 | 12.9 | Not specified |
| 13. | Potassium as K mg/l | IS:3025(Part -45) 1993,RA 2014 | < 1.0 | Not specified |
| 14. | Chloride as Cl mg/l | IS:3025(Part -32)-1988,RA 2014 | 10.6 | < 250 |
| 15. | Sulphate as SO ₄ mg/l | IS:3025(Part -24)-1986,RA 2014 | < 5.0 | < 200 |
| 16. | Nitrate as NO ₃ mg/l | IS:3025(Part -34) 1988,RA 2014 | < 0.1 | < 45 |
| 17. | Fluoride as F mg/l | APHA (23 rd Edn:2017)-4500-F D | 0.50 | < 1.0 |
| 18. | Total Silica as SiO ₂ mg/l | APHA (23 rd Edn:2017)- 4500 SiO ₂ C | < 1.0 | Not specified |
| 19. | Iron as Fe mg/l | APHA (23 rd Edn:2017) 3500 Fe-B | 0.050 | < 0.3 |

Note:

1. This report is valid for the tested sample(s) only.
2. Test report shall not be reproduced except in full & with written approval of VISTALABS
3. This report should not be used for advertisement / judicial purpose.
4. Total Number Of Test(S) NINETEEN Only.
5. Lab will maintain unused portions of samples for 15 days after the report has been issued

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

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|  Checked By |  |
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VIS/LAB/F/047

4-9-6, Flat No. 103 & 104, Surya Towers, Adj. ANR Gardens, HMT Nagar, Nacharam, Hyderabad-500 076.
Ph : 040-27173815, 42210081, E-mail : vistalabs@yahoo.co.in, vistalabs2004@gmail.com