



Vista Labs

Analytical • Biological • Environmental

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



Regn. No.23DQLD43

TEST REPORT

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Name & Address Of Customer: M/s. BPDVA School Midhani Township, Dhatu Nagar, Kanchanbagh, Hyderabad-058. C/o. Trinity Appliances & Services.	Lab Ref. No:	VIS/337/2024
	Reporting Date:	15/04/2024
Sample Description: R.O.water	Sample Received On:	13/04/2024
	Your Ref No:	Verbal
Sample Condition At the time of Receipt: Found OK	Analysis Started On:	13/04/2024
Sample drawn By: Customer	Date of Sampling:	13/04/2024
Quantity Received: 1Ltr X 1No.	Analysis Completed On:	15/04/2024

TEST RESULTS

Sl. No.	Characteristic Physical & Chemical	Test method	Results	Requirement (Acceptable Limit) As per IS 10500:2012
1.	P ^H Value at 25 ^o C	IS:3025(Part -11)-1983,RA 2017	6.89	6.50 - 8.50
2.	Electrical conductivity @ 25 ^o C, μS/cm	APHA (23 rd Edn:2017) -2510 B	56	Not specified
3.	Total Dissolved solids, mg/l	IS:3025(Part -16)-1984,RA 2006	36	< 500
4.	Turbidity, (NTU)	IS:3025(Part -10)-1984,RA 2017	< 1.0	< 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	10	< 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	18	< 200
10.	Calcium as Ca, mg/l	IS:3025(Part -40)1991,RA 2014	2.4	< 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	8.3	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	7.1	< 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.

IS 10500: 2012 = Drinking water Specification

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

Checked By	Authorized Signatory

VIS/LAB/F/047

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