



# Vista Labs

Analytical • Biological • Environmental

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



Regn. No.23DQLD43

## TEST REPORT

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<b>Name &amp; Address Of Customer:</b> M/s. DSR Educational Society Openmind School. C/o. V.K.Engineers.	<b>Lab Ref. No:</b>	VIS/5928/2024
	<b>Reporting Date:</b>	19/02/2024
	<b>Sample Received On:</b>	16/02/2024
	<b>Your Ref No:</b>	Letter
<b>Sample Description: R.O.water</b>	<b>Analysis Started On:</b>	16/02/2024
<b>Sample Condition At the time of Receipt: Found OK</b>	<b>Date of Sampling:</b>	16/02/2024
<b>Sample drawn By: Customer</b>	<b>Quantity Received: 1Ltr X 1No.</b>	<b>Analysis Completed On:</b> 19/02/2024

## TEST RESULTS

Sl. No.	Characteristic Physical & Chemical	Test method	Results	Requirement (Acceptable Limit) As per IS 10500:2012
1.	P <sup>H</sup> Value at 25°C	IS:3025(Part -11)-1983,RA 2017	7.72	6.50 - 8.50
2.	Electrical conductivity @ 25°C, µS/cm	APHA (23 <sup>rd</sup> Edn:2017) -2510 B	230	Not specified
3.	Total Dissolved solids, mg/l	IS:3025(Part -16)-1984,RA 2006	150	<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 <sub>3</sub> , mg/l	IS:3025(Part -21)-2009,RA 2014	50	< 200
8.	Alkalinity to Phenolphthalein as CaCO <sub>3</sub> , mg/l	IS:3025(Part -23)-1986,RA 2014	Nil	Not specified
9.	Alkalinity to methyl orange as CaCO <sub>3</sub> , mg/l	IS:3025(Part -23)-1986,RA 2014	80	< 200
10.	Calcium as Ca, mg/l	IS:3025(Part -40)1991,RA 2014	7.2	< 75
11.	Magnesium as Mg, mg/l	APHA (23 <sup>rd</sup> Edn:2017)-3500-Mg B	4.8	< 30
12.	Sodium as Na, mg/l	IS:3025(Part -45)-1993,RA 2014	29.9	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	24.8	< 250
15.	Sulphate as SO <sub>4</sub> , mg/l	IS:3025(Part -24)-1986,RA 2014	< 5.0	< 200
16.	Nitrate as NO <sub>3</sub> , mg/l	IS:3025(Part -34)-1988,RA 2014	1.2	< 45
17.	Fluoride as F, mg/l	APHA (23 <sup>rd</sup> Edn:2017)-4500-F D	0.50	< 1.0
18.	Total Silica as SiO <sub>2</sub> , mg/l	APHA (23 <sup>rd</sup> Edn:2017)- 4500 SiO <sub>2</sub> C	< 1.0	Not specified
19.	Iron as Fe, mg/l	APHA (23 <sup>rd</sup> 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\*\*\*\*\*

<b>Checked By</b>	<b>Authorized Signatory</b>

VIS/LAB/F/047

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