



## TEST REPORT

Page 1 of 1

Name & Address Of Customer: M/s. Kendriya Vidyalaya Gachibowli.	Lab Ref No:	VIS/1131/2021
	Reporting Date:	10/07/2021
C/o. Sri Laxmi Enterprises	Sample Received On:	09/07/2021
	Your Ref No:	Verbal
Sample Description: R.O.water	Analysis Started On:	09/07/2021
	Sample Condition	
Sample drawn By: Client	Quantity Received: 1Ltr X 1No.	At the time of Receipt: Found OK
		Analysis Completed On: 10/07/2021

## TEST RESULTS

Sl.No.	Characteristic	Test method	Results	Requirement (Acceptable Limit) Asper IS 10500:2012
1.	P <sup>H</sup> Value at 25°C	IS:3025(Part -11)-1983,RA 2017	6.84	6.50 - 8.50
2.	Electrical conductivity @ 25°C, µS/cm	APHA (23 <sup>rd</sup> Edn:2017) -2510 B	94	Not specified
3.	Total Dissolved solids, mg/l	IS:3025(Part -16)-1984,RA 2006	60	< 500
4.	Turbidity, (NTU)	IS:3025(Part -10)-1984,RA 2017	< 1.00	< 1.0
5.	Total Hardness as CaCO <sub>3</sub> , mg/l	IS:3025(Part -21)-2009,RA 2014	15	< 200
6.	Alkalinity to Phenolphthalein as CaCO <sub>3</sub> , mg/l	IS:3025(Part -23)-1986,RA 2014	Nil	Not specified
7.	Alkalinity to methyl orange as CaCO <sub>3</sub> , mg/l	IS:3025(Part -23)-1986,RA 2014	30	< 200
8.	Non- Carbonate hardness as CaCO <sub>3</sub> , mg/l	By calculation	Nil	Not specified
9.	Calcium as Ca, mg/l	IS:3025(Part -40)-1991,RA 2014	3.6	< 75
10.	Magnesium as Mg, mg/l	APHA (23 <sup>rd</sup> Edn:2017)-3500-Mg B	< 2.0	< 30
11.	Sodium as Na, mg/l	IS:3025(Part -45)-1993,RA 2014	14.7	Not specified
12.	Potassium as K, mg/l	IS:3025(Part -45)-1993,RA 2014	< 1.0	Not specified
13.	Chloride as Cl, mg/l	IS:3025(Part -32)-1988,RA 2014	12.1	< 250
14.	Sulphate as SO <sub>4</sub> , mg/l	IS:3025(Part -24)-1986,RA 2014	< 5.0	< 200
15.	Nitrate as NO <sub>3</sub> , mg/l	IS:3025(Part -34)-1988,RA 2014	< 0.1	< 45
16.	Fluoride as F, mg/l	APHA (23 <sup>rd</sup> Edn:2017)-4500-F D	0.50	< 1.0
17.	Total Silica as SiO <sub>2</sub> , mg/l	APHA (23 <sup>rd</sup> Edn:2017)- 4500 SiO <sub>2</sub> C	Nil	Not specified
18.	Iron as Fe, mg/l	APHA (23 <sup>rd</sup> Edn:2017)- 3500 Fe B	< 0.050	< 0.3
19.	Colour, (Hazen Units)	IS:3025(Part - 4)-1983,RA 2017	< 2.00	< 05

**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\*\*\*\*\*



Checked By

Authorized Signatory

VIS/LAB/F/047