



TEST REPORT

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Name & Address Of Customer: M/s. GV Research Centers Pvt.Ltd. Sy.No-542, Plot No-3, Genome Valley, Kothur, Medchal-Malkajgiri Dist.		Lab Ref No:	VIS/476/2021
		Reporting Date:	07/05/2021
		Sample Received On:	06/05/2021
		Your Ref No:	Verbal
		Analysis Started On:	06/05/2021
Sample Description: Bore water		Sample Condition	
		At the time of Receipt:	Found OK
Sample drawn By: Client	Quantity Received: 1Ltr X 1No.	Analysis Completed On:	07/05/2021

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	6.79	6.50 - 8.50
2.	Electrical conductivity @ 25°C, µS/cm	APHA (23 rd Edn:2017)- 2510 B	1408	Not specified
3.	Total Dissolved solids, mg/l	IS:3025(Part -16)-1984,RA 2006	930	< 500
4.	Turbidity, (NTU)	IS:3025(Part -10)-1984,RA 2017	1.30	< 1.0
5.	Total Hardness as CaCO ₃ , mg/l	IS:3025(Part -21)-2009,RA 2014	376	< 200
6.	Alkalinity to Phenolphthalein as CaCO ₃ , mg/l	IS:3025(Part -23)-1986,RA 2014	Nil	Not specified
7.	Alkalinity to methyl orange as CaCO ₃ , mg/l	IS:3025(Part -23)-1986,RA 2014	220	< 200
8.	Non- Carbonate hardness as CaCO ₃ , mg/l	By calculation	156	Not specified
9.	Calcium as Ca, mg/l	IS:3025(Part -40)-1991,RA 2014	89.6	< 75
10.	Magnesium as Mg, mg/l	APHA (23 rd Edn:2017)- 3500-Mg B	36.5	< 30
11.	Sodium as Na, mg/l	IS:3025(Part -45)-1993,RA 2014	145.8	Not specified
12.	Potassium as K, mg/l	IS:3025(Part -45)-1993,RA 2014	7.8	Not specified
13.	Chloride as Cl, mg/l	IS:3025(Part -32)-1988,RA 2014	255.6	< 250
14.	Sulphate as SO ₄ , mg/l	IS:3025(Part -24)-1986,RA 2014	108.5	< 200
15.	Nitrate as NO ₃ , mg/l	IS:3025(Part -34)-1988,RA 2014	13.6	< 45
16.	Fluoride as F, mg/l	APHA (23 rd Edn:2017)- 4500-F D	1.30	< 1.0
17.	Total Silica as SiO ₂ , mg/l	APHA (23 rd Edn:2017)- 4500-SiO ₂ C	15.0	Not specified
18.	Iron as Fe, mg/l	APHA (23 rd Edn:2017)- 3500-Fe B	0.080	< 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

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