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WATER ANALYSIS TEST REPORT

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Client : Vishwachetan Foundation, Oxford Polytechnic, Near Pale Village Tq: Hubli Dst:Dharwad.	Certificate No. : ESSAR/6848 Date of Sampling : 26/04/2023 Date of Tested : 27/04/2023 Ref No : Verbal-26/04/2023
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Sample details : Water sample as submitted by the party : R O Water Sample.

Test Device Details : Instrumental, Volumetric & Gravimetric

Source at : Near Pale Village Tq: Hubli Dst:Dharwad.

Procedure Used : IS:3025 APHA-AWA

Sl. No.	PARAMETER	Units	Test Method	Result	Requirement as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
1.	Colour(Hezen)	--	IS 3025 (Part 4) 1983	0.1	5	15
2.	Odour	--	IS: 3025(Part 6)-1983	Agreeable	Agreeable	Agreeable
3.	Taste	--	IS: 3025(Part 7&8)	Agreeable	Agreeable	Agreeable
4.	Turbidity	NTU	IS: 3025(Part 10)-1984	0.2	1	5
5.	Hydrogen ion concentration(pH)	--	IS: 3025(Part 11)-1983	6.8	6.5 to 8.5	No Relaxation
6.	Electric Conductivity (EC)	µS/cm	IS 3025 (part 14)-1984	60	--	--
7.	Total Dissolved Solids (TDS)	mg/l	IS 3025 (part 16)-1984	39	500	2000
8.	Total Hardness(TH)	mg/l	IS 3025 (part 21)	30	200	600
9.	Calcium (Ca ⁺⁺)	mg/l	IS 3025 (part 40)-1991	6.7	75	200
10.	Magnesium(Mg ⁺⁺)	mg/l	IS 3025 (part 46)-1994	2.8	30	100
11.	Chloride(Cl ⁻)	mg/l	IS 3025 (part 32)-1998	12	250	1000
12.	Fluoride(F ⁻)	mg/l	IS 3025 (part 60)-2008	0.1	1.0	1.5
13.	Sulphate(SO ₄ ⁻²)	mg/l	IS: 3025(Part 24)-1986	1	200	400
14.	Nitrates(NO ₃ ⁻¹)	mg/l	IS: 3025(Part 34)-1988	0.5	45	No Relaxation
15.	Iron(Fe)	mg/l	IS: 3025(Part 53)	BDL	0.3	No Relaxation
16.	Alkalinity	mg/l	IS: 3025(Part 23)-1986	24	200	600
17.	Total Suspended Solids	mg/l	IS: 3025(Part 17)-1984	Nil	--	--

BACTERIOLOGICAL PARAMETERS:

					Requirement
18.	Total Coliforms	MPN/100 ml	IS : 1622-1981	ND	ND
19.	E Coli	MPN/100 ml	IS : 1622-1981	ND	ND

Inference as per IS 10500 :2012 Standards. BDL=Below Detectable Level. ND=Not Detected

REMARK : WITHIN THE ACCEPTABLE LIMITS FOR TESTED PARAMETERS.

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Chief Executive Officer: