



CENTRE FOR RESEARCH & CONSULTANCY

THE NATIONAL INSTITUTE OF ENGINEERING

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ENVIRONMENTAL ENGINEERING LABORATORY TEST REPORT

Test report on analysis of drinking water sample supplied by the Secretary, Sri Sharada Public School, R.T Nagar, Mysore.

Location Name: Sri Sharada Public School, R.T.Nagar, Mysore

Source of sample: RO in the premises (as mentioned by client)

Sample collection date and time: 15.3.2023 at 10.30 AM(supplied by the client to the laboratory)

Sl. No.	Characteristics	Result	Limits specified, max: IS 10500-2012	
			Desirable limit	Permissible limit in absence of alternate sources
1	Colour (apparent colour)	Nil	5	15
2	Odour	Unobjectionable	Unobjectionable	
3	Taste	Agreeable	Agreeable	
4	Conductivity(micro-mho/cm)	52	--	--
5	Turbidity (in FAU)	Nil	1	5
6	pH	6.7	6.5 to 8.5	No relaxation
7	Iron as Fe (mg/l)	0.01	0.3	No relaxation
8	Fluorides as F (mg/l)	0.02	1.0	1.5
9	Sulphates as SO ₄ (mg/l)	0.01	200	400
10	Total Hardness (as CaCO ₃) (mg/l)	10	200	600
11	Calcium Hardness (as Ca) (mg/l)	Nil	75	200
12	Total Alkalinity (as CaCO ₃) (mg/l)	8	200	600
13	Total Chlorides as Cl (mg/l)	Nil	250	1000
14	Total nitrates (as NO ₃) (mg/l)	Nil	45	100
15	Residual, free chlorine (mg/l)	Nil	0.2	1.0
16	Total solids (mg/l)	20	--	--
17	Total Dissolved solids (mg/l)	20	500	2000
18	E-Coli (Faecal contamination) (Hydrogen Sulphide Paper-Strip test)	Nil	--	--

Note: The results given above are as per the sample supplied by the client to the Laboratory. Based on the results for the parameters tested and given above, and in reference to IS 10500-2012, the water is suitable for drinking purpose.


Testing Officer

Assistant Professor

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