



ESTD : 1946

CENTRE FOR RESEARCH & CONSULTANCY

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Date: 02.06.2025

ENVIRONMENTAL ENGINEERING LABORATORY TEST REPORT

Test report on analysis of drinking water sample supplied by Kautilya Vidyalaya Kanakadasanagar Dattagalli Mysore


Location Name: Kautilya Vidyalaya Kanakadasanagar Dattagalli Mysore

Source of sample: RO water (as mentioned by client).


Sample collection date and time: 27.05.2025 at 10.30 am

Sl. No.	Characteristics	Result	Limits specified, max: IS 10500-2012	
			Desirable limit	Permissible limit in absence of alternate sources
1	Colour (in Hazen units)	Nil	5	15
2	Odour	Unobjectionable	Unobjectionable	
3	Taste	Agreeable	Agreeable	
4	Conductivity(micro-mho/cm)	60	--	--
5	Turbidity (in FAU)	Nil	1	5
6	pH	6.87	6.5 to 8.5	No relaxation
7	Iron as Fe (mg/l)	Nil	0.3	No relaxation
8	Fluorides as F (mg/l)	Nil	1.0	1.5
9	Sulphates as SO ₄ (mg/l)	Nil	200	400
10	Total Hardness (as CaCO ₃) (mg/l)	10	200	600
11	Calcium Hardness (as CaCO ₃) (mg/l)	Nil	75	200
12	Total Alkalinity (as CaCO ₃) (mg/l)	08	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)	37	--	--
17	Total Dissolved solids (mg/l)	37	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, water is suitable for drinking purposes.


Testing Officer

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