



Government of Maharashtra
Water Resources Department

Hydrology Project Division, Nagpur,
Water Quality Lab Level-II, Nagpur.

R. No. RQ91/5633

Jal Vidnyan Bhavan, Wainganga Nagar, Ajni Nagpur - 440003.

AN ISO 9001 : 2015 CERTIFIED LABORATORY

No.63	W.Q.LAB LEVEL-II/NAG/2023	Date: 01/07/2024
Sample Analysis Report		
Name and Address of Client		Date of Sampling
Principal,		21/06/2024
School Of Scholars , Hukeshwar Road,		Sample Collected by
Nagpur.		Client
		Date of Sample receipt in Lab
		21/06/2024
		Sample I.D. Number
		DW/2406/038
Reference	Your letter dated 21/06/2024	
Sample Description	One RO water sample	

Sr. No.	Characteristic (Parameter)	Unit	Analysis Result	DRINKING WATER - SPECIFICATION	
				BIS 2012 Requirement (Acceptable Limit)	IS 10500 : 2012 Permissible Limit in the Absence of Alternate Source
1	Colour	Hazen unit	<1	5 Max	15 Max
2	Odour	--	Agreeable	Agreeable	Agreeable
3	pH	--	7.8	6.5 To 8.5	No relaxation
4	Turbidity	NTU	0.1	1 Max	5 Max
5	Total Dissolved Solids	mg/L	120	500 Max	2000 Max
6	Total Alkalinity (as CaCO ₃)	mg/L	74	200 Max	600 Max
7	Chloride (as Cl)	mg/L	12	250 Max	1000 Max
8	Total Hardness (as CaCO ₃)	mg/L	78	200 Max	600 Max
9	Calcium (as Ca)	mg/L	20.6	75 Max	200 Max
10	Magnesium (as Mg)	mg/L	8.1	30 Max	100 Max
11	Fluoride (as F)	mg/L	0.08	1.0 Max	1.5 Max
12	Sulphate (as SO ₄)	mg/L	3.6	200 Max	400 Max
13	Nitrate (as NO ₃)	mg/L	0.68	45 Max	No relaxation
14	Iron (as Fe)	mg/L	0.08	0.3 Max	No relaxation
15	Total colliforms	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample	
16	Faecal colliforms	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample	

-----End of Report-----



Gov. Pansari
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