



R. No. R091/5833

Jal Vigyan Bhavan, Wainganga Nagar, Ajni Nagpur - 440003



Government of Maharashtra
 Water Resources Department



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

AN ISO 9001 : 2015 CERTIFIED LABORATORY

No. 94	W.Q.LAB LEVEL-II/NAG/2023	Date: 17 / 07 / 2023
Sample Analysis Report		
Name and Address of Client		Date of Sampling
Soamalwar school Nikalas		15/07/2025
Ranapratap Nagar Road, Khamla,		Sample Collected by
Nagpur, 440025		Client
		Date of Sample receipt in Lab
		15/07/2025
		Sample I.D. Number
		DW/2507/009
Reference	Your letter dated 15/07/2025	
Sample Description	One RO Water Sample.	

Sr. No.	Characteristic (Parameter)	Unit	Analysis Result	DRINKING WATER - SPECIFICATION	
				BIS 2012	IS 10500 : 2012
				Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1	Colour	Hazen unit	<1	5 Max	15 Max
2	Odour	--	Agreeable	Agreeable	Agreeable
3	pH	--	7.6	6.5 To 8.5	No relaxation
4	Turbidity	NTU	0.1	1 Max	5 Max
5	Total Dissolved Solids	mg/L	108	500 Max	2000 Max
6	Total Alkalinity (as CaCO ₃)	mg/L	76	200 Max	600 Max
7	Chloride (as Cl)	mg/L	11.0	250 Max	1000 Max
8	Total Hardness (as CaCO ₃)	mg/L	72	200 Max	600 Max
9	Calcium (as Ca)	mg/L	19.2	75 Max	200 Max
10	Magnesium (as Mg)	mg/L	5.8	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	8.4	200 Max	400 Max
13	Nitrate (as NO ₃)	mg/L	0.94	45 Max	No relaxation
14	Iron (as Fe)	mg/L	0.06	0.3 Max	No relaxation
15	Total coliforms	MPN/100m	Absent	Shall not be detectable in any 100 ml sample	
16	Faecal coliforms	MPN/100m	Absent	Shall not be detectable in any 100 ml sample	

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



[Signature]
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