



R. No. RQ91/5633

Jal Vidyan 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. 08	W.Q.LAB LEVEL-II/NAG/2023	Date: 03/02/2026
Sample Analysis Report		
Name and Address of Client: Principal P M Shri Kendriya Vidyalaya Kamptee.	Date of Sampling	29/01/2026
	Sample Collected by	Client
	Date of Sample receipt in Lab	29/01/2026
	Sample I.D. Number	DW/2601/005
Reference	Your letter dated: 29/01/2026	
Sample Description	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	--	7.2	6.5 To 8.5	No relaxation
4	Turbidity	NTU	0.1	1 Max	5 Max
5	Total Dissolved Solids	mg/L	140	500 Max	2000 Max
6	Total Alkalinity (as CaCO ₃)	mg/L	84	200 Max	600 Max
7	Chloride (as Cl)	mg/L	15.0	250 Max	1000 Max
8	Total Hardness (as CaCO ₃)	mg/L	88	200 Max	600 Max
9	Calcium (as Ca)	mg/L	23.3	75 Max	200 Max
10	Magnesium (as Mg)	mg/L	7.3	30 Max	100 Max
11	Fluoride (as F)	mg/L	0.12	1.0 Max	1.5 Max
12	Sulphate (as SO ₄)	mg/L	10.2	200 Max	400 Max
13	Nitrate (as NO ₃)	mg/L	1.10	45 Max	No relaxation
14	Iron (as Fe)	mg/L	0.08	0.3 Max	No relaxation
15	Total coliforms	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample	
16	Faecal coliforms	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample	

End of Report



[Signature]
 Government Analyst
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 NAGPUR.