



Water Testing Laboratory 5 MGD
Nagar Nigam, Arera Hills, Bhopal.

Test Report

Nature of sample- Water Sample	Collected by WT Lab 5 MGD NN		Unique Identification No.	-
Sender's name and address ST. BENEDIET ACADEMY BAGRASIYA BAGRODA BHOPAL	Sendor's lotter no.	-	Sendor's lotter Date	-
	WTL Ref. No	-	WTL recolpt date	11/03/2025
	Date of analysis started	11/03/2025	Date of analysis complotod	12/03/2025
	Quantlly Of sample	Ok		

Sample details

No.	Particulars of Samples
1.	ST. BENEDIET ACADEMY BAGRASIYA BAGRODA BHOPAL (R.O WATER)
2.	
3.	
4.	

RESULTS

No	Characteristics/ Unit	Test methods	BIS -10500:2012 Reaffirmed in 2023		Result				
			Desirable Limit	Permissible Limit in the absence of an alternate source	1	2	3	4	
1	2	3	4	5	6				
1	Colour	IS 3025 Part 4: 2021	5	15	BDL				
2	Taste	IS 3025 Part 8: 1984	Agreeable	Unagreeable	Agr.				
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.				
4	pH Value at 25°C	IS 3025 Part 11: 1983	6.5 to 8.5	6.5 to 8.5	7.70				
5	Chloride as Cl mg/l	IS 3025 Part 32: 1988	250	1000	8				
6	Total Alkalinity as CaCO ₃ mg/l	IS 3025 Part 23: 1986	200	600	18				
7	Calcium as Ca ⁺⁺ mg/l	IS 3025 Part 40: 1991	75	200	5.6				
8	Magnesium as Mg ⁺⁺ mg/l	APHA 23 rd edition, 3500 Mg-	30	100	1.92				
9	Turbidity in NTU	IS 3025 Part 10: 2023	1.0	5.0	BDL				
10	Total hardness as CaCO ₃ mg/l	IS 3025 PART 21: 2009	200	600	22				
11	Free Residual Chlorine	IS 3025 PART 26	0.2	1.0	-				
12	TDS By meter mg/l	IS 3025 Part 11: 1984	500	2000	25				
13	Total coliform per 100 ml	APHA 23 rd edition, 9211 B	NIL for treated water and water in distribution system		NIL				
14	E.coli or (TTC) per 100 ml	IS 1622			NIL				

1. This report should not be produced partly or full without approval of signatory authority for legal purposes.

2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible limit in the absence of an alternate source" in column 5, above which the sources will have to be rejected 3. The results refer only to tested samples and parameters tested.

4. Samples will be stored for a period of 5 days from the date of issue of report.

5. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.

6. BDL" stands for test results which are below the detectable limit.

[Signature]
IN CHARGE
CHEMIST,
5 M.G.D. W/T. PLANT
Nagar Nigam, BHOPAL