



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	Sender's letter no.	Sender's letter Date	-
Principal, St Francis Convent Co-ed School, Patel Nagar, Bhopal.	WTL Ref. No	WTL receipt date	30/12/2024
	Date of analysis started	Date of analysis completed	31/12/2024
	Quantity Of sample		Ok

No.	Particulars of Samples	Sample details
1.	St Francis Convent Co-ed School. (Tubewell Water)	
2.		
3.		
4.		

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	Ag.			
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Ag.			
4	pH Value at 25°C	IS 3025 Part 11: 1983	6.5 to 8.5	6.5 to 8.5	7.66			
5	Chloride as Cl mg/l	IS 3025 Part 32: 1988	250	1000	94			
6	Total Alkalinity as CaCO ₃ mg/l	IS 3025 Part 23: 1986	200	600	260			
7	Calcium as Ca++ mg/l	IS 3025 Part 40: 1991	75	200	100.8			
8	Magnesium as Mg++ mg/l	APHA 23 rd edition, 3500 Mg-	30	100	26.4			
9	Turbidity in NTU	IS 3025 Part 10: 2023	1.0	5.0	1.3			
10	Total hardness as CaCO ₃ mg/l	IS 3025 PART 21: 2009	200	600	362			
11	Free Residual Chlorine	IS 3025 PART 26	0.2	1.0	NIL			
12	TDS By meter mg/l	IS 3025 Part 11: 1984	500	2000	428			
13	Total coliform per 100 ml	APHA 23 rd edition, 9211 B	NIL for treated water and water in distribution system		30			
14	E.Coli or (TTC) per 100 ml	IS 1622			10			

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.

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