



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

Test Report

Nature of sample- Drinking water		Not Collected by WT Lab 5 MGD NN		Unique Identification No.	-
Sender's name and address St. Paul's co-ed school, Anand Nagar , Bhopal.		Sender's letter no.	-	Sender's letter Date	-
		WTL Ref. No	-	WTL receipt date	24/06/2024
		Date of analysis started	24/06/2024	Date of analysis completed	25/06/2024
		Quantity Of sample	ok		

Sample details

No.	Particulars of Samples
1.	St. Paul's co-ed school, Anand Nagar , Bhopal. (Water sample)
2.	-

RESULTS

No.	Characteristics/ Unit	Test methods	BIS -10500:2012 Reaffirmed in Sep 2022		Results	
			Desirable Limit	Permissible Limit in the absence of an alternate source	1	2
1	2	3	4	5		
1	Colour	IS 3025 Part 4: 2021	5	15	NIL	
2	Taste	IS 3025 Part 8: 1984	Agreeable	Unagreeable	Agreeable	
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agreeable	
4	pH pH Value at 25°C	IS 3025 Part 11: 1983	6.5 to 8.5	6.5 to 8.5	8.02	
5	Chloride as Cl mg/l	IS 3025 Part 32: 1988	250	1000	18	
6	Total Alkalinity as CaCO ₃ mg/l	IS 3025 Part 23: 1986	200	600	104	
7	Calcium as Ca ⁺⁺ mg/l	IS 3025 Part 40: 1991	75	200	27.2	
8	Magnesium as Mg ⁺⁺ mg/l	APHA 23 rd edition, 3500 Mg-	30	100	11.52	
9	Turbidity in NTU	IS 3025 Part 10: 2023	1.0	5.0	0.7	
10	Total hardness as CaCO ₃ mg/l	IS 3025 PART 21: 2009	200	600	116	
11	Free Residual Chlorine	IS 3025 PART 26	0.2	1.0	0.2	
12	TDS By meter mg/l	IS 3025 Part 11: 1984	500	2000	114	
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				

- This report should not be produced partly or full without approval of signatory authority for legal purposes.
- 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
- The results refer only to tested samples and parameters tested.
- Samples will be stored for a period of 5 days from the date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.


ANALYST
5 M.G.D. W/T. PLANT
Nagar Nigam, BHOPAL.