



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

Test Report

Nature of sample – Water sample Sender's name and address- VINDHYACHAL SCHOOL GHEKHEDU KOLAR ROAD BHOPAL	Not Collected by WT Lab 5 MGD NN		Unique Identification No.	-
		-	Sender's letter Date	-
		-	WTL receipt date	28/08/2025
	Date of analysis started	28/08/2025	Date of analysis completed	29/08/2025
	Quantity Of sample	Ok		

Sample details

Sample details

No.	Particulars of Samples
1.	VINDHYACHAL SCHOOL WARD-81 GEHUKHEDA KOLAR ROAD BHOPAL (TUBE WELL WATER)
2.	VINDHYACHAL SCHOOL WARD-81 GEHUKHEDA KOLAR ROAD BHOPAL (R.O WATER)
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	BDL		
2	Taste	IS 3025 Part 8: 1984	Agreeable	Unagreeable	Agr.	Agr.		
3	Odour	IS 3025 Part 5: 2018	Agreeable	Unagreeable	Agr.	Agr.		
4	pH Value at 25°C	IS 3025 Part 11: 1983	6.5 to 8.5	6.5 to 8.5	7.18	7.61		
5	Chloride as Cl mg/l	IS 3025 Part 32: 1988	250	1000	46.5	41		
6	Total Alkalinity as CaCO ₃ mg/l	IS 3025 Part 23: 1986	200	600	230	212		
7	Calcium as Ca++ mg/l	IS 3025 Part 40: 1991	75	200	79.2	88		
8	Magnesium as Mg++ mg/l	APHA 23 rd edition, 3500 Mg-	30	100	20.35	12.15		
9	Turbidity in NTU	IS 3025 Part 10: 2023	1.0	5.0	5.4	4.8		
10	Total hardness as CaCO ₃ mg/l	IS 3025 PART 21: 2009	200	600	282.28	274.8		
11	Free Residual Chlorine	IS 3025 PART 26	0.2	1.0	-	-		
12	TDS	IS 3025 Part 11: 1984	500	2000	286	262		
13	Total coliform per 100 ml	APHA 23 rd edition, 9211 B	NIL for treated water and water in distribution system		-	-		
14	E.coli or (TTC) per 100 ml	IS 1622			-	-		

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.

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