

**LABORATORY**  
**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
 MAINTENANCE SUB DIVISION NO. 2, P.H.E. DEPTT., UJJAIN

Sample from : Gyan Sagar Global Academy, Chintaman Road, Ujjain  
 Particular of sample : Sample No. 1) Tape Water  
 Date of collection : 17-09-24  
 Date of Analysis : 17-09-24

S. No.	Characteristics	Unit	Appendix		Result						
			As per manual on water supply Treatment prepared published by CPHEEO- Manual		Tape Water						
			Acceptable	Cause for rejection	①	2	3	4	5	6	
1.	Physical Turbidity	NTU	2.5	10.0	1.2	✓					
2.	Colour	PICobal t	5.0	25.0	02	✓					
3	Taste and odour	Scale	Unobjectionable	Unobjectionable	NIL	✓					
4.	Chemical PH	PH Scale	7.0 to 8.5	<6.5 to 9.2>	7.72	✓					
5.	Total Alkalinity	Mg/1	200	600	200	✓					
6.	Chloride	-	Up to 200	1000	064	✓					
7.	Total Hardness	Mg/1	200as CaCO3	600as CaCO3	172	✓					
8.	Calcium Hardness	-									
9.	Magnesium Hard.	-									
10.	Total Dissolved Solids	-	500	2000	242	✓					
11.	Iron	Mg/1	0.1	1.0	NIL	✓					
12.	Fluride	-	1.0	1.5	0.15	✓					
13.	Maganese	-	0.3	1.0	-						
14.	Dissolved oxygen	-	-	-	-						
15.	C.O.D.	-	10	-	-						
16.	B.O.D.	-	06	-	-						
17.	Residual Chlorine	-	02	1.0	Trace	✓					
18.	Coagulant dose At test	-	-	-	-						

Note : 1. The figure indicated under the column acceptable are the limits upto which the water is generally Acceptable to the consumers.  
 2. Figure in excess to those mentioned under acceptable render the water not acceptable but still Tolerated in the absence of alternative and better source but upto the limits indicated under Column 'cause for rejection' above which the supply will have to be rejected.

**PRINCIPAL**  
 GYAN SAGAR GLOBAL ACADEMY  
 NEAR JANTAR-MANTAR, CHINTAMAN ROAD  
 UJJAIN (M.P.)