

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

Sample from : I.B.S. Global Academy, Sanwer Road, Ujjain
 Particular of sample : Sample No. 1) R.O. Water
 Date of collection : 07-02-25
 Date of Analysis : 07-02-25

S. No.	Characteristics	Unit	Appendix As per manual on water supply Treatment prepared published by CPHEEO- Manual		Result					
			Acceptable	Cause for rejection	R.O. Water (1)	2	3	4	5	6
1.	Physical Turbidity	NTU	2.5	10.0	0.0 ✓					
2.	Colour	PCobalt	5.0	25.0	NIL ✓					
3	Taste and odour	Scale	Unobjectionable	Unobjectionable	NIL ✓					
4.	Chemical PH	PH Scale	7.0 to 8.5	<6.5 to 9.2>	7.02 ✓					
5.	Total Alkalinity	Mg/1	200	600	090 ✓					
6.	Chloride	-	Up to 200	1000	052 ✓					
7.	Total Hardness	Mg/1	200as CaCO ₃	600as CaCO ₃	076 ✓					
8.	Calcium Hardness	-								
9.	Magnesium Hard.	-								
10.	Total Dissolved Solids	-	500	2000	105 ✓					
11.	Iron	Mg/1	0.1	1.0	NIL ✓					
12.	Fluride	-	1.0	1.5	NIL ✓					
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	NIL					
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.

Biological

Bacteriological (M.P.N.) of coli form per 100 ml of sample – **No. 1) NIL**

Special Tests

(1)

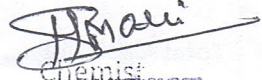
(2)

(3)

Chemist :

Remarks : All the tested parameter results are under limits as per CPHEEO manual.

So, water can be used for the drinking purpose. ✓

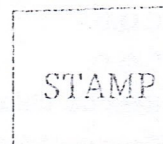

Chemist
CHEMIST
Laboratory Incharge
WATER TREATMENT PLANT & LAB
GAUCHAT
FILTRATION PLANT
GAUCHAT, UJJAIN

Note :

East :

ON INDIA GOVERNMENT SERVICE

✓ To,



No. _____

_____ IBS Global Academy _____

_____ Sanwer Road _____

_____ Ujjain (M.P.) _____