

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

Sample from : Podar International School, Vill. Matana Kala, Dewas Road, Ujjain
 Particular of sample : Sample No. 1) R.O. Water
 Date of collection : 20-12-23
 Date of Analysis : 20-12-23

S. NO.	Characteristics	Unit	Appendex-23 (a) 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	
1.	Physical Turbidity	NTU	2.5	10.0	NIL					
2.	Colour	PCobalt Scale	5.0	25.0	NIL					
3.	Taste and odour	-	Unobjectionable	Unobjectionable	NIL					
4.	Chemical PH	PH Scale	7.0 to 8.5	<6.5 to 9.2>	7.0					
5.	Total Alkalinity	Mg/1	200	600	060					
6.	Chloride	-	Up to 200	1000	020					
7.	Total Hardness	Mg/1	200as CaCO3	600as CaCO3	048					
8.	Calcium Hardness	-								
9.	Magnesium Hard.	-								
10.	Total Dissolved Solid	-	500	2000	068					
11.	Iron	Mg/1	0.1	1.0	-					
12.	Fluoride	-	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 of 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 - **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.



Assistant Engineer
P.H.E. Maint. Sub Div. No. 2
N.P.N. Ujjain (M.P.)



Chemist
Laboratory Incharge

FILTRATION PLANT
GAU GHAT, UJJAIN

Note :

East : Sample is collected by consumer.

ON INDIA GOVERNMENT SERVICE

✓ TO,

No. _____

Podar International School

Vill. Matana Kala, Dewas Road

Ujjain

STAMP