

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

Sample from : Akshat International School, Lalpur, Ujjain

Particular of sample : Sample No. 1) Well Water

Date of collection : 02-01-23

Date of Analysis : 02-01-23

S. NO.	Characteristics	Unit	Appendex-23 (a) As per manual on water supply Treatment prepared published by CPHEEO-MANUAL		Result					
			Acceptable	Cause for rejection	Well Water					
					①	2	3	4	5	
1.	Physical Turbidity	NTU	2.5	10.0	0.6	✓				
2.	Colour	PICobalt 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>	8.1	✓				
5.	Total Alkalinity	Mg/1	200	600	080	✓				
6.	Chloride	-	Up to 200	1000	110	✓				
7.	Total Hardness	Mg/1	200as CaCO3	600as CaCO3	118	✓				
8.	Calcium Hardness	-								
9.	Magnesium Hard.	-								
10.	Total Dissolved Solid	-	500	2000	191	✓				
11.	Iron	Mg/1	0.1	1.0	NIL	✓				
12.	Fluoride	-	1.0	1.5	0.2	✓				
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 Test

(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

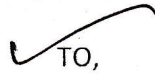
Laboratory Incharge

FILTRATION PLANT
GAU GHAT, UJJAIN

Note :

East : **Water sample is collected by consumer.**

ON INDIA GOVERNMENT SERVICE

 TO,

No. _____

Akshat International School

Lalpur

Ujjain (M.P.)

STAMP