

District Laboratory Division Rewa
Public Health Engineering Department Rewa
ANALYSIS REPORT

Types of Sample		T.W.
PARTICULARS OF SENDER		
PARTICULARS OF SAMPLE		
Sample No.	Place of collection and details of sample	Collected/Not Collected by PHBD Date
(01)	पी.एम.श्री.के.डी.प. विद्यालय कु.।.वी.प.	
	(अ.ग.।)	

PARTICULARS TO BE FILLED IN THE LABORATORY	
Date of Receipt	Time of Receipt
Lab reference No.	Tested On
	5/6/26

NATURE OF STUDY - CHEMICAL & BACTERIOLOGICAL ANALYSIS								
S.No.	Characteristics	Unit	As per BIS - 10500, 2021 for Drinking Water		Result			
			S.N.		Sample 1	Sample 2	Sample 3	Sample 4
			Requirement (Desirable Limit)	Permissible limit in the absence of Alternate Source	(01)			

PHYSICAL TESTS							
1	Temperature	Oc					
2	Turbidity	NTU	1	5-0			
3	Colour	Hazen Units	5	15	8		
4	Odour		Unobjectionable	Objectionable			

CHEMICAL TESTS							
5	pH	pH Scale	6.5 to 8.5	No Relaxation	7.2		
6	Total Hardness as CaCO ₃	mg/l	200	600	100		
7	Calcium as Ca	mg/l	75	200			
8	Magnesium as Mg	mg/l	30	100			
9	Alkalinity as Ca	mg/l	200	600	57.5		
10	Chloride as Cl	mg/l	250	1000	12.49		
11	Nitrate as NO ₃	mg/l	45	45			
12	Total Dissolved Solids	mg/l	500	2000	132		
13	Iron	mg/l	1.0	1	0.1		
14	Sulphate as SO ₄	mg/l	200	400			
15	Fluoride as F	mg/l	1	1	0.3		



BACTERIOLOGICAL TEST

18	Residual Chloride as Cl ₂	mg/l	0.2	1.0	M/L			
19	MPN of Coliform	Per 100 ml	Nil	Nil				
20	Faecal Coliform	Per 100 ml						

Note:- The figures indicated under the column "Requirement (Desirable Limit)" the limit upto which water is generally acceptable to the consumers, Figures in excess of those mentioned under "Requirement (Desirable Limit)" the water not acceptable, but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under column "Permissible limit in the absence of Alternate Source" above which the source will have to be rejected (Guideline values for Drinking water as Per BIS 10500)

Signature of Analyst
Remarks if any.

Lab Incharge

District Laboratory PHED Rewa (M.P.)

Chemist
District Laboratory
P.H.E.D. Rewa (M.P.)

