

District Water Testing Laboratory
Public Health Engineering Department
P.H.E.D. Chhindwara
Result of Sample

Nature of sample:- Drinking Water sample/Other		Not Sampled by DWTLCHW		Sample Code No		
Sender's name and address:- DIRECTOR SANT SRI ASHARAMJI GURUKUL, SENIOR SECONDARY SCHOOL PARASIA ROAD, DISST. CHHINDWARA M.P.		Sender's letter no.		Q		
		DWTLCHW Receipt. No.		114		
Date of analysis started:- 21.03.2024		Date of analysis completed		21.03.2024		
No. <u>288</u> /Dn.Lab/Distt.Chw/Dt. <u>26/3/24</u>		Quantity of sample		Ok		
Sample details						
No.	District	Location				
1	Chhindwara	Borewell Water				
Details of parameters, their test methods, units and specifications as per BIS						
S.No.	Parameter's	Test method	Unit	As Per BIS-10500:2012 For Drinking Water		Sample No. Test Result
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	
1	2	3	4	5	6	1
1	Turbidity	As per IS 3025 Part 10	NTU	1	5	3.2
2	pH	As per IS 3025 Part 11	pH scale	6.5 to 8.5	6.5 to 8.5	6.84
3	Total Alkalinity as CaCo3 Mg/l	As per IS 3025 Part 23	Mg/l	200	600	318.2
4	Chloride as Cl Mg/l	As Per IS 3025 Part 32	Mg/l	250	1000	129.0
5	Total Hardness as CaCo3 Mg/l	As Per IS 3025 Part 21	Mg/l	200	600	508.0
6	Calcium as Ca++ Mg/l	As per IS 3025 Part 40	Mg/l	75	200	128.0
7	Magnesium as Mg++ Mg/l	As Per IS 3025 Part 46	Mg/l	30	100	45.8
8	Nitratet as NO3 Mg/l	As per IS 3025 Part 34	Mg/l	45	45	10.0
9	Fluoride Mg/l	By Ion Meter	Mg/l	1	1.5	0.62
10	Total Dissolved Solids Mg/l	By Meter	Mg/l	500	2000	668
11	Iron as Fe	As Per IS 3025 Part 53	Mg/l	1	1	0.1
12	Sulphate as So4 mg/l	BIS:3025 Part 24	Mg/l	200	400	55.5

1. This report should not be produced partly or full without approval of signatory authority legal purposes.
2. It is recommended that acceptable limit is to be implemented values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" in column 6, above which the sources will have to be rejected.
3. The results refer only to tested samples and parameters tested
4. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.

Remark: Sample not Collected by laboratory staff.

Indt.No. Distt. Lab/P.H.E. Sub Dn, Chhindwara Date:-

Copy to - 1. Executive Engineer P.H.E. Division Chhindwara for Information please.

Kamlesh
Chemist

Distt. Water Testing Laboratory,
P.H.E.D., Chhindwara (M.P.)

