

DISTRICT WATER TESTING LABORATORY
Public Health Engineering Department, Sehore Email: eephseh@nic.in

ULR No. T C 0 0 0 0 2 3 0 0 0 0 0 0 8 7 F

TEST REPORT

Nature of sample :-	Drinking Water	NOT SAMPLED BY DIST. LAB			
Sender's name and address:- PRINCIPAL SANSKAR ACADEMY OF EDUCATION REHTI		Sender's letter no.		Sender's letter Date	01/01/2024
Quantity Of sample	Sufficient	DWTL Ref. No	87	DWTL receipt date	01/01/2024
Condition of Sample	ok	Date of analysis started	01/01/2024	Date of analysis completed	02/01/2024

Sample details

No	Block	Gram Panchayat	Village /Habitation	Location
1	BHERUNDA		REHTI	SANSKAR ACADEMY OF EDUCATION
2				
3				
4				
5				
6				
7				
8				
9				
10				

Field..Testing

Discipline.. Chemical

Group..Water

Sub Group..Drinking Water

Details of parameters , their test methods, units and specifications as per BIS

No.	Characteristics	Test method	Unit	As Per BIS -10500:2012 For Drinking Water	
				Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source
1	2-	3	4	5	6
1	Ph	IS 3025(P-11).1983	pH scale	6.5-8.5	6.5-8.5
2	Turbidity	IS 3025(P-10).1984	NTU	1.0	5.0
3	Colour	IS 3025(P-04).2021	Hazen Scale	5	15
4	Total Hardness	IS 3025(P-21):2009	mg/l	200	600
5	Calcium	IS 3025(P-40).1991	mg/l	75	200
6	Magnesium	APHA 23 rd Edition 3500 Mg-B	mg/l	30	100
7	Total Alkalinity	IS 3025(P-23).1986	mg/l	200	600
8	Chloride	IS 3025(P-32).1988	mg/l	250	1000
9	Fluoride	IS 3025 (P-60):2013	Mg/l	1.0	1.5
10	Nitrate as NO ₃	IS 3025(P-34) 2022	Mg/L	45	45
11	Sulphate as SO ₄	IS 3025 (P-24) Sec 1 2022	Mg/l	200	400
12	TDS By Meter	IS 3025 (P-16): 2023	Mg/l	500	2000
13	Iron as Fe	IS 3025 (P-53).2019	Mg/l	1.0	1.0
14	Manganese as/ mg/l	IS 3025 (P-59).2006	Mg/l	0.1	0.3

- This report should not be produced partly or full without approval of signatory authority for legal purposes .
- 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 up to 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.
- The results refer only to tested samples and parameters tested.
- Samples will be stored for a period of 10 days from the date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- Remarks:

Analyst

ISSUE No. 87/DWTL/PHED/SEHORE / ISSUE DATE:- 03/01/2024

Signature
Signature Authority

Narendra Kumar
DWTL PHE D Sehore

Principal
Principal
Sanskar Academy Of Education
Itawa Jaidi(Rehti), Distt. Sehore

DISTRICT WATER TESTING LABORATORY
Public Health Engineering Department Email-eehphseh@nic.in
Results of samples

Sender's letter no -		Date 01/01/2024		Lab REF No :-87			Date :- 01/01/2024		Unique Identification No. 87		Sample code no 87					
No.	Parameters /Units	Sample numbers														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Temperature in/ degree C	21.4														
2	pH	7.97														
3	Turbidity	4.1														
4	Colour	00														
5	Odour	AGREEABLE														
6	Taste	AGREEABLE														
7	Total Hardness as CaCo3	208.0														
8	Calcium as Ca	40.0														
9	Magnesium as Mg	25.9														
10	Total Alkalinity as CaCo3	350.0														
11	Chloride as Cl	20.9														
12	Fluoride as F	0.309														
13	Nitrate as NO3	14.2														
14	Sulphate as SO4	-														
15	Conductivity By Meter/ Micromhos/cm	672														
16	TDS	403														
	Iron as Fe	-														
18	Mangnese as Mn	-														
19	Residual Chlorine as Cl2/ mg/l	-														
20	Total Coliform / Pre 100 ml	-														
21	Faecal Coliform / Pre 100 ml	-														

Sardar Academy Of Education
Hata Jaldi(Rohi) Dist. Sehare

Analyser
Narendra

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Narendra
Signatory Authority
Quality Manager
Narendra Kumar
DWTL PHE D Sehare



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