



District Water Testing Laboratory

Behind officer Club, Kasturba Gandhi Ward, Bhandara

Office of the Senior Geologist

Groundwater Surveys and Development Agency

Bhandara -441904

FINAL REPORT

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Final Report No. - DWTL/GSDA/ BHN/128/2026

Date- 17.04.2026

Customer - The Lord's public School, Bhandara App ID- 2650641047928BA9	Lab ref./Sample Inward No.- DWTL/BHN/SG/CHEM/01/2026 Sample Received Date/Inward Date 06.04.2026 Sample - Water Source- R.O. ULR NO-TC151822600000014F	Analysis Start Date- 15.04.2026 Analysis End Date- 16.04.2026
Sample collected by- Applicant Condition of Sample- ok	Sampling Date- 05.04.2026 Sampling Time-11.45 pm	Environmental condition Temp -27°C Humidity - 38 %
Source Location- The Lord's public School, Bhandara		

Final Result

Sr No	Test Parameter	Measur ement Unit	Test Method	Requirement as per IS10500 : 2012 (Drinking Water Specifications)		Test Result
				Desirable Limit	Permissible Limit	
1	pH @25°C	-	APHA 24 th EDN, METHOD 4500	6.5 TO 8.5	No Relaxation	7.46
2	Ele. Conductivity @25°C	uS/cm	APHA 24 th EDN, METHOD 2510B	-	-	209
3	TDS	mg/L	APHA 24 th EDN, METHOD 2540C	500	2000	135
4	Total Hardness	mg/L	APHA 24 th EDN, METHOD 2340C	200	600	156.8
5	Fluoride	mg/L	APHA 24 th EDN, METHOD 4500F-B	1	1.5	0.320
6	Nitrate	mg/L	APHA 24 th EDN, METHOD 4500 No ₃ -B	45	-	2.770
7	Iron	mg/L	APHA 24 th EDN, METHOD 3500 Fe-B	1.0	-	0.090
8	Colour	Hazen	APHA 24 th EDN, METHOD 2120 -C	-	-	1
9	Odour	-	IS 3025(P-5):1983	-	-	Agrecable
10	Taste	-	IS 3025(P-7):1984	-	-	Agrecable
11	Turbidity	NTU	APHA 24 th EDN, METHOD 2130-B	1	5.0	0.1
12	Calcium	mg/L	APHA 24 th EDN, METHOD 3500Ca-B	75	200	50.176
13	Magnesium	mg/L	APHA 24 th EDN, METHOD 4500	30	100	7.777
14	Sulphate	mg/L	APHA 24 th EDN, METHOD 4500 SO ₄ -B	200	400	6.290
15	Total Alkalinity	mg/L	APHA 24 th EDN, METHOD 2320B	200	600	113.5
16	Chloride	mg/L	APHA 24 th EDN, METHOD 4500Cl-B	250	1000	28.75

1. The results relate only to the samples tested.
2. The report shall not be reproduced except in full, without the written approval of the laboratory.
3. The Sample is collected by the client himself. As such the lab has no involvement in sample collection
- 4 This Report is not Permitted to use of water for commercial purpose

Approved By

C.K.Uke
QM
C.K.Uke
(Asistant Geologist)

रसायनी
जिल्हा सनियंत्रण कक्ष
भंडारा

-----End of Report-----

Authorised By

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