

Format No.- DL/PHED/JDP/4.1

District Water Testing Laboratory
Public Health Engineering Division Jagdalpur, Dist.-Bastar (C.G.)

Near Collectorate Road, Pin Code – 494001

E-mail :- phelabjdp@gmail.com

Test Report**Group- Drinking Water**

TC-13342

Report No. - DL/PHED/JDP/99	ULR-TC133422500000099F	Sampled by – Mr. Markandey Singh		
Sender's Name and Address :- Principal, Deepati Convent School Tokapal.	Sender's letter No. :	Q	Sender's Letter Date :	07-03-2025
	DL Receipt No. :	548	DL Receipt Date :	07-03-2025
	Date of Analysis started :	10-03-2025	Date of Analysis Completed :	10-03-2025

Sample Details

Sr.no	Block	Sample ID	Village	Location / Source
1	Tokapal	548/4498/Mar25	Tokapal	Deepati Convent School/Bore Water

Details of parameters, their test method, units and specification as per IS 3025/APHA

Results

Sr. No.	Characteristics	Unit of Measurement	Test Method	1					
1	Turbidity	NTU	IS 3025 Part No.-10 (2023)	0.9					
2	Colour	Hazen	IS 3025 Part No.-04 (2021)	5					
3	Odour		IS 3025 Part No.-05 (2018)	Agreeable					
4	pH	pH Scale	IS 3025 Part No.-11 (2022)	6.80					
5	Total Alkalinity as CaCO ₃	mg/L	IS 3025 Part No.-23 (2023)	21.00					
6	Total Dissolved Solid at 180°C±2°C	mg/L	IS 3025 Part No.-16 (2023)	20					
7	Chloride as Cl ⁻	mg/L	IS 3025 Part No.-32 (2019)	12.22					
8	Total Hardness as CaCO ₃	mg/L	IS 3025 Part No.-21 (2019)	33.32					
9	Calcium as Ca ²⁺	mg/L	IS 3025 Part No.-40 (2023)	10.21					
0	Magnesium as Mg ²⁺	mg/L	APHA 24 th 3500-Mg-B (2023)	1.90					
11	Fluoride as F ⁻	mg/L	APHA 24 th 4500-F-C (2023)	0.18					

- The report should not be produced partly or full without approval of signatory authority of legal purpose.
- It is recommended that acceptable limit is to be implemented. Value 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 7, above which the sources will have to be rejected.
- The results refer only to tested samples and parameters.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Samples will be stored for a period of 10 days from date of issue of report.

Remark:- 1. Results apply to the sample as received.**2. Sampling not done by Laboratory's Staff.**

Laboratory issue no. 99/Lab/Date:- 11-03-2025

Hemant Kashyap
Chemist/Authorized Signatory (NABL)

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Results

Sr. No.	Characteristics	Unit of Measurement	Test Method	1					
1	Spec. Conductivity	μS/cm	IS 3025 Part No.-14	40					
2	Nitrate as NO ₃ ⁻ (Screening Method)	mg/L	APHA 24 th 4500-NO ₃ -B	-					
3	Iron as Fe	mg/L	APHA 24 th 3500-Fe-B	0.2					
4	Manganese as Mn ⁺	mg/L	APHA 24 th 3500-Mn-B	-					
5	Sulphate as SO ₄ ²⁻	mg/L	IS 3025 Part No.-24	-					
6	Residual Chlorine	mg/L	IS 3025 Part No.-26	-					
7	E. Coli	CFU/ 100ml	APHA 24 th 9222 B	-					
	Total Coliform Bacteria	CFU/ 100ml	APHA 24 th 9222 B	-					

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Anil Kumar Nureti
 Chemist