



TC-15652

District Level Water Testing Laboratory
Office of the Executive Engineer, Drinking Water and Sanitation Division,
Jhumritelaiya-825409, Jharkhand, India.
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TEST REPORT

Issued to :- Director- Ramdeo Prasad Yadav
Adarsh Shishu+2 High School Baghmara, Po-Makatpur
Ps-Jainagar, Koderma (Jharkhand)

Sample Code:- JMT/DLWTL/S-213
URL NO. :- TC - 156520260000262F
Date of Issue:- 17/06/2026

SAMPLE PARTICULARS

Sample Name/Description: - GW
Sample Quantity: - 01 L
Sample pkg. Condition: - Good Condition at 4°C
Number of samples: 1 No
Sample Receive date: - 16/06/2026

Customer Date of sampling: - 16/06/2026
Customer Reference No.: - 20261606-213
Test started on: - 16/06/2026
Test completed on: - 17/06/2026

TEST RESULT

Sl. No.	Tested Parameter	Unit	Results	Method	Specification as per IS 10500 : 2012 (Second Revision)	
					Acceptable Limit	Permissible Limit (Absence of Alternate source)
1	pH	-	6.94	APHA 24 th Ed. 2023-4500-H- B, (Electrometric method)	6.5 - 8.5	No relaxation
2	Turbidity	NTU	1.0	APHA 24 th Ed. 2023-2130 B, (Nephelometric method)	1	5
3	Total Alkalinity as CaCO ₃	mg/l	90	APHA 24 th Ed. 2023-2320 B, (Titration method)	200	600
4	Calcium as (Ca)	mg/l	34.46	APHA 24 th Ed. 2023-3500 Ca B, (EDTA Titration method)	75	200
5	Magnesium as Mg	mg/l	15.06	APHA 24 th Ed. 2023-3500-Mg B, (Calculation method)	30	100
6	Total Hardness as CaCO ₃	mg/l	148	APHA 24 th Ed. 2023-2340 C, (EDTA Titration method)	200	600
7	Fluoride as (F)	mg/l	0.74	APHA 24 th Ed. 2023-4500 F -C, (Ion selective electrode method)	1.0	1.5
8	Taste	--	Agreeable	APHA 24 th Ed. 2023-2160 C (Taste Threshold)	Satisfactory	No relaxation
9	Odour	--	Agreeable	IS 3025 (Part-5)	Satisfactory	No relaxation
10	Colour	Hazen	4	APHA 24 th Ed. 2023-2120 B (Visual Comparison Method)	5	15
11	Total Dissolved Solids	mg/l	234	APHA 24 th Ed. 2023-2540 C (Total Dissolved Solids Dried at 180 Degree C)	500	2000
12	Chloride (as cl)	mg/l	59	APHA 24 th Ed. 2023-4500-CL Method B (Argentometric method)	250	1000

Remarks:-Submitted Sample of Water according to above parameters is fit for Consumption:- Yes (✓) No ()

Specific contractual notes: - (validity six month for date of issue)

- The results listed refer only to the tested sample and applicable parameter as received from the customer.
- This report shall not be reproduced except in full without approval of the laboratory.
- This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- Tested Sample shall be retained up to seven days from the date of issue of the test report.
- All disputes are subjected to the Koderma Jurisdiction.
- NOTE:- Beyond Detection Limit.

Reviewed By
Q.M

District Level Water Testing Laboratory
Jhumritelaiya, Koderma

End of Report

Ram P. Prasad
Authorized By
(Quality Manager)
Ram P. Prasad
Quality Manager

District Level Water Testing Laboratory
Jhumritelaiya, Jharkhand