



District Level Water Testing Laboratory

(Government of Jharkhand)

Office of The Executive Engineer (DWSD),

Bhelatand Water Treatment Plant Campus, Dhanbad-826004.

Email: dlwtl.dhanbad@gmail.com



TC-15603

Test Report

ULR No:	TC1560326000000191F	Report Issue Date: 06-04-2026
To Customer Details:	SRI SRI SURYADEO SINGH SMRITI GURUKULAM Saraidhela, Dhanbad.	Order Ref. No: SG/DHN/001/2026-27
Date of Sample Receiving:	04-04-2026	Sampling: Not done by laboratory
Date of Start Analysis:	04-04-2026	Sample Description: 1 Litre Drinking Water in Sealed Plastic Bottle.
Date of Completion Analysis:	06-04-2026	Location: Saraidhela, Dhanbad.

PHYSICO-CHEMICAL PARAMETER:

Sl	Parameters	Result	Method Reference	BIS 10500:2012 (Acceptable - Permissible Limit)
1	Taste	Agreeable	APHA-24 th Edition 2023-2161 A, IS:3025 Part -7 & 8	Agreeable
2	Odour	Agreeable	APHA-24 th Edition 2023-2150 A, IS:3025 Part - 5	Agreeable
3	Colour (Hazen)	<5	APHA-24 th Edition 2023-2120-B (Visual Comparison Method), IS:3025 Part - 4	5 - 15
4	pH (25°C)	6.8	APHA-24 th Edition 2023-4500-H B (Electrometric Method)	6.5 - 8.5
5	Total Dissolve Solid (mg/l)	49.0	APHA-24 th Edition 2023-2540 C	500 - 2000
6	Turbidity (NTU)	6.8	APHA-24 th Edition 2023-2130-B (Nephelometric Method)	1.0 - 5.0
7	Fluoride as F (mg/l)	0.029	APHA-24 th Edition 2023-4500-F-C (Ion Selective Electrometric Method)	1.0 - 1.5
8	Total Alkalinity as CaCO ₃ (mg/l)	16.0	APHA-24 th Edition 2023-2320-B (Titrimetric Method)	200 - 600
9	Total Hardness as CaCO ₃ (mg/l)	20.0	APHA-24 th Edition 2023-2340-C (EDTA Titrimetric method)	200 - 600
10	Calcium as Ca ⁺ (mg/l)	4.0	APHA-24 th Edition 2023-3500-B (EDTA Titrimetric Method)	75 - 200
11	Magnesium as Mg ⁺ (mg/l)	3.84	APHA-24 th Edition 2023-3500-B (Titrimetric Method)	30 - 100

BACTERIOLOGICAL PARAMETER:

12	Total Coliforms (CFU/100mL)	Absent	APHA-24 th Edition 2023-9222-B, IS: 15185	Shall not be detectable in a 100ml Sample
13	Thermo Tolerant Coliforms / E Coli. (CFU/100mL)	Absent	APHA-24 th Edition 2023-9222-D, IS: 15185	Shall not be detectable in a 100ml Sample

Notes:-

- All the parameters are expressed in milligrams/Litre except pH, and Turbidity (NTU), Colour (Hazen).
- The results listed refer only to the sample as received and tested.
- This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report cannot be reproduced, except when in full, without the written permission of the Lab In-charge.
- All disputes are subjected to the Dhanbad Jurisdiction.
- BDL = Below Detection Limit.

Review by
06/04/26



Authorised Signatory
06/04/26

End of the Report