



District Level Water Testing Laboratory, Hazaribagh

Office of the Executive, Engineer, Drinking Water and Sanitation Division, Hazaribagh
(Test Analysis Report)

Test Analysis Report

Discipline:- Chemical&Biological	Group :- Water	Sub -Group: Drinking Water	
Issued To:	GD GOENKA PUBLIC SCHOOL NEAR TV TOWER , BARKAGAON ROAD HAZARIBAGH (825301)	SAMPLE CODE:- 01	
		Report Issue Date :22.06.2026	
Sample Description / Type	Drinking water (G.W.)-	Sample Provided by	LAB rep sujit kumar
Sample Location	N/A	Sample Quantity / Packing	1 L PVC Bottle
Date of Sample Received	20.06.2026	Sample Temperature	4 °C
Date of start of Analysis	20.06.2026	Humidity	50±15 % RH
Date of Completion Analysis :	22.06.2026	Sampling Procedure	N/A

Sl. No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit (Max)	Permissible Limit (In Absence of Alternate source) (Max)
(A)	CHEMICAL PARAMETERS					
1	pH	-	7.28	APHA 24 th Edition 2023-4500-H ⁺ B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	1.2	APHA-24 th Edition 2023 -2130-A, (Nephelometric method)	1	5
3	Chloride (as Cl)	mg/L, Max	10	APHA-24 th Edition 2023-4500- B, (Argentometric method)	250	1000
4	Total Hardness as CaCO ₃	mg/L, Max	200	APHA-24 th Edition 2023-2340-C (EDTA Titrimetric method)	200	600
5	Total Alkalinity as CaCO ₃	mg/L, Max	180	APHA-24 th Edition 2023-2320-B, (Titration Method)	200	600
6	Calcium as Ca ⁺	mg/L, Max	24.95	APHA-24 th Edition 2023-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg ⁺	mg/L, Max	8.75	APHA-24 th Edition 2023-3500-Mg-B, (EDTA Titrimetric Method)	30	100
8	Fluoride as F	mg/L, Max	0.21	APHA 24 th Ed.2023-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
9	Colour	CU (Hazen)	5	APHA 24 th Edition 2023 (Visual Comparison Method)	5	15
10	Odour	--	Agreeable	IS 3025 (Part-5)	Agreeable	Agreeable
11	Iron as Fe	mg/L, Max	0.21	APHA 24 th Edition 2023-4500-H ⁺ B, (1,10-phenanthroline Method)	1.0	No relaxation
12	Nitrate as NO ₃	mg/L, Max	0.23	APHA 24 th Edition 2023-4500-NO ₃ B, (Ultraviolet spectrophotometric screening Method)	45	No relaxation
13	Total Dissolved Solids at 180°C	mg/L, Max	158	APHA 24 th Edition 2023-2540 C (Total Dissolved Solids at 180°C)	500	2000
(B)	BIOLOGICAL PARAMETERS					
14	Total Coliform	CFU/100 mL	0	APHA 24 th Ed. 2023-3500 Fe B (Membrane Filter Technique)	Shall not be detectable in any 100 mL Sample	
15	Thermotolerant(Fecal) Coliform/ E.Coli	CFU/100 mL	0	APHA 24 th Ed. 2023-9222D (Membrane Filter Technique)	Shall not be detectable in any 100 mL Sample	

Remarks:-On the basis of these tested parameters submitted/collected water samples confirms IS 10500 Yes () / No ()

Specific contractual notes:-

- 1.The results listed refer only to the tested sample and applicable parameter.
- 2.This report shall not be reproduced except in full without approval of the laboratory.
- 3.This report results apply to the sample as received.
- 4.This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- 5.Tested Sample shall be retained up to seven days from the date of issue of the test report
- 6.The liability of the laboratory is limited to the invoiced amount.
- 7.All disputes are subjected to the Hazaribagh Jurisdiction.

8.NOTE:- BDL=Below Detection Limit

Reviewed by Technical Manager (B.K.Prasad)

.....End of Report.....

Authorised Signatory
(Abhishek Kumar)
Quality Manager
District Level Water Testing Laboratory
DWS Division, Hazaribagh

**PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION
CERTIFICATE.**

No. DLWTL-31-26-27Date : 22/06/2026

It is certified that an inspection team headed by BRAJESH KISHOR PRASAD (TECHNICAL MANAGER) (Name of Officers with designation) from DRINKING WATER AND SANITATION H2B. (Name of Department/Office) inspected the G.D GOENKA PUBLIC SCHOOL NEAR TV TOWER, BARKAGAON, HAZARIBAG (Name & Address of the School) on 20/06/26 and found that the G.D GOENKA PUBLIC SCHOOL, NEAR TV TOWER, BARKAGAON, H2B. (Name of school) has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per the norms prescribed by the Central/State/U.T Govt.

The above valid for a period of 06 Months (From date of issue.)

Signature with Seal : 

Name :

Designation

Quality Manager
District Level Water Testing Laboratory
D.W.&S Division, Hazaribagh

To

G.D GOENKA PUBLIC SCHOOL
NEAR TV TOWER, BARKAGAON
ROAD, HAZARIBAG (JHARKHAND)

(Name & Address of the Institution)