



District Level Water Testing Laboratory, Jamtara
Station Road, Pani Tanki Campus,
Jamtara-815351
Email: dlwtljamtara@gmail.com

Test Report

Report No:	JMT/DLWTL/07/14	Issue Date	23.07.2025
ULR.No:	-	Sample Code-	20250722GW-14
Issued To: (Name & Address of Customer)	Eklavya Model Residential School, Vill- Choukunda, Block-Fatehpur, Dist-Jamtara Sample No-2 (Office)	Order Ref. No:- L.No- 1461 I.T.D.A, Jamtara/ 16.07.2025	
Date of Start Analysis :	22.07.2025	Sampling:- Note Done by Laboratory Sample Received Date: 22.07.2025, 11:10am	
Sample Condition	1 litre, good, at 4°C		
Date of Completion Analysis:	23.07.2025	Environmental Condition of Laboratory Temperature: 25± 3 °C Humidity: 50±10 %	

Sl. No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH at 25°C	-	7.46	APHA 24 th Edition 2023-4500-H ⁺ B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	0.2	APHA 24 th Edition 2023-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	132.0	APHA 24 th Edition 2023-2540 C, (Total Dissolved Solids Dried at 180°C)	500	2000
4	Total Hardness as CaCO ₃	mg/L	120.28	APHA 24 th Edition 2023-2340-C (EDTA Titrimetric method)	200	600
5	Total Alkalinity as CaCO ₃	mg/L	99.00	APHA 24 th Edition 2023-2320-B, (Titration Method)	200	600
6	Calcium as Ca ⁺	mg/L	37.32	APHA 24 th Edition 2023-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg ⁺	mg/L	6.60	APHA 24 th Edition 2023-3500-Mg-B, (Calculation Method)	30	100
8	Fluoride as F	mg/L	BDL	APHA 24 th Edition 2023-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
9	Chloride (as Cl)	mg/L	15.99	APHA 24 th Edition 2023-4500 Cl ⁻ B, (Argentometric method)	250	1000
10	Colour	HU	2	APHA 24 th Edition 2023-2120 B, (Visual Comparison)	5	15
11	Odour	-	Agreeable	IS 3025 (Part-5)-2018	Agreeable	Agreeable
12	Taste	-	-	IS 3025 (Part-8)-2023	Agreeable	Agreeable

Statement of Conformity:- The above results confirm to IS-10500 :2012 (Second Revision) and the Decision Rule applied is our DOC.No- QP/12/7.8.6.1, issue No-01, issue date-11.02.2020

Notes: -

- ♦ The results listed refer only to the tested sample and applicable parameters as received from the customer
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- ♦ All disputes are subjected to the Jamtara Jurisdiction.
- ♦ The laboratory is responsible for all the informations given in the report..

Reviewed by
Rajesh Kumar Singh
23.07.2025
(Rajesh Kumar Singh)

Authorised by:
Rajesh Kumar Singh
23.07.2025
(Rajesh Kumar Singh)

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

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





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Test Report

Report No:	JMT/DLWTL/07/13	Issue Date	23.07.2025
ULR.No:	-	Sample Code-	20250722GW-13
Issued To: (Name & Address of Customer)	Eklavya Model Residential School, Vill- Choukunda, Block-Fatehpur, Dist-Jamtara Sample No-1 (Mess)	Order Ref. No:-	L.No- 1461 I.T.D.A, Jamtara/ 16.07.2025
Date of Start Analysis :	22.07.2025	Sampling:-	Note Done by Laboratory Sample Received Date: 22.07.2025, 11:10am
Sample Condition	1 litre, good, at 4°C		
Date of Completion Analysis:	23.07.2025	Environmental Condition of Laboratory	Temperature: 25± 3 °C Humidity: 50±10 %

Sl. No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH at 25°C	-	6.81	APHA 24 th Edition 2023-4500-H ⁺ B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	0.3	APHA 24 th Edition 2023-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	197.0	APHA 24 th Edition 2023-2540 C, (Total Dissolved Solids Dried at 180°C)	500	2000
4	Total Hardness as CaCO ₃	mg/L	209.52	APHA 24 th Edition 2023-2340-C (EDTA Titrimetric method)	200	600
5	Total Alkalinity as CaCO ₃	mg/L	166.32	APHA 24 th Edition 2023-2320-B, (Titration Method)	200	600
6	Calcium as Ca ⁺	mg/L	54.43	APHA 24 th Edition 2023-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg ⁺	mg/L	17.91	APHA 24 th Edition 2023-3500-Mg-B, (Calculation Method)	30	100
8	Fluoride as F	mg/L	BDL	APHA 24 th Edition 2023-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
9	Chloride (as Cl)	mg/L	15.99	APHA 24 th Edition 2023-4500 Cl- B, (Argentometric method)	250	1000
10	Colour	HU	5	APHA 24 th Edition 2023-2120 B, (Visual Comparison)	5	15
11	Odour	-	Agreeable	IS 3025 (Part-5)-2018	Agreeable	Agreeable
12	Taste	-	-	IS 3025 (Part-8)-2023	Agreeable	Agreeable

Statement of Conformity:- The above results confirm to IS-10500 :2012 (Second Revision) and the Decision Rule applied is our
DOC.No- QP/12/7.8.6.1, issue No-01, issue date-11.02.2020

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Quality Manager
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-----End of the Report-----

