



**District Level Water Testing Laboratory ,Chas**  
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TC-16293

**TEST REPORT**

<b>FIELD:</b> - Testing	<b>DISCIPLINE:</b> - Chemical	<b>GROUP:</b> - Water	<b>SUB GROUP:</b> - Drinking Water
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<b>Test Report Number:</b> 2026/199	<b>URL No. :</b> TC162932600000199F	<b>Issue Date:</b> 16/04/2026
<b>Issued To:</b> (Name & Address of Customer)	Loyola English Medium School, Gomia P.O. – Indian Explosive (Gomia) Bokaro, Jharkhand - 829112	<b>Source Type – Treated Water</b>
		<b>Sample Id.:</b> DLWTLCHAS/2026-27/TW/199
<b>Date of Start Analysis:</b>	15/04/2026	<b>Sample Received Date:</b> 15/04/2026
<b>Date of Completion Analysis:</b>	16/04/2026	<b>Sample Collected By:</b> Customer
		<b>Sample Quantity:</b> - 1 liter
		<b>Sample Condition:</b> - Good

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	-	6.98	APHA 24 <sup>th</sup> Edition 2023-4500-H <sup>+</sup> B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	0.36	APHA-24 <sup>th</sup> Edition 2023-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	112	APHA 24 <sup>th</sup> Edition .2023-2540 C, (Total Dissolved Solids Dried at 180°C)	500	2000
4	Total Alkalinity as CaCO <sub>3</sub>	mg/L	64	APHA-24 <sup>th</sup> Edition 2023-2320-B, (Titration Method)	200	600
5	Total Hardness as CaCO <sub>3</sub>	mg/L	88	APHA-24 <sup>th</sup> Edition 2023-2340-C (EDTA Titrimetric method)	200	600
6	Calcium as Ca	mg/L	25.65	APHA-24 <sup>th</sup> Edition 2023-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg	mg/L	5.83	APHA-24 <sup>th</sup> Edition 2023-3500-Mg-B, (Calculation Method)	30	100
8	Chloride as Cl	mg/L	9.99	APHA-24 <sup>th</sup> Edition 2023-4500 Cl- B, (Argentometric method)	250	1000
9	Fluoride as F	mg/L	0.15	APHA-24 <sup>th</sup> Edition 2023-4500 F- C, (Ion selective electrode method)	1.0	1.50
10	Colour	HU	05	APHA-24 <sup>th</sup> Edition 2023-2120 B, (Visual Comparison)	5	15
11	Odour	-	Agreeable	IS 3025 (Part5): 2022. Observation	Agreeable	Agreeable
12	Taste	-	Agreeable	IS 3025 (Part 8):2023, Observation	Agreeable	Agreeable

**Notes: -**

- ◆ The results listed refer only to the tested sample and applicable parameters as received from the customer
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ Water is potable based on the above parameters
- ◆ This report cannot be reproduced, except when in full, without the written permission of the Lab In-charge.
- ◆ All disputes are subjected to the Bokaro Jurisdiction.
- ◆ BDL=Below Detection Limit.
- ◆ The laboratory is responsible for all the information given in the report.

Reviewed & Authorized By:  
*Mukesh Awari*  
 16/04/26  
**Quality Manager**  
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