



**District Level Water Testing Laboratory ,Chas**  
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**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>ULR Number</b>	<b>TC112822500000033F</b>	<b>Issue Date: -27/02/2025</b>
<b>Issued To: (Name &amp; Address of Customer)</b>	<b>Loyola English Medium School , Gomia P.O Indian Explosive , Gomia</b>	<b>Source Type – Treated Water</b>
		<b>Order Ref. No.: -</b>
		<b>Sample Received Date: 25/02/2025</b>
<b>Date of Start Analysis:</b>	<b>25/02/2025</b>	<b>Sampling By: - Customer</b>
<b>Date of Completion Analysis: -</b>	<b>27/02/2025</b>	<b>Sample Quantity: - 1 liter</b>
		<b>Environmental Condition- Temp- 25±3°C, Hum. 50±10% RH</b>

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	-	8.20	APHA 23 <sup>rd</sup> Edition 2017-4500-H <sup>+</sup> B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	0.25	APHA-23 <sup>rd</sup> Edition 2017-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	178	APHA 23 <sup>rd</sup> Ed.2017-2540 C, (Total Dissolved Solids Dried at 180°C)	500	2000
4	Chloride (as Cl)	mg/L	21.98	APHA-23 <sup>rd</sup> Edition 2017-4500 Cl- B, (Argentometric method)	250	1000
5	Total Hardness as CaCO <sub>3</sub>	mg/L	156	APHA-23 <sup>rd</sup> Edition 2017-2340-C (EDTA Titrimetric method)	200	600
6	Total Alkalinity as CaCO <sub>3</sub>	mg/L	76	APHA-23 <sup>rd</sup> Edition 2017-2320-B, (Titration Method)	200	600
7	Calcium as Ca <sup>+</sup>	mg/L	46.49	APHA-23 <sup>rd</sup> Edition 2017-3500-Ca-B, (EDTA Titrimetric Method)	75	200
8	Magnesium as Mg <sup>+</sup>	mg/L	9.72	APHA-23 <sup>rd</sup> Edition 2017-3500-Mg-B, (Calculation Method)	30	100
9	Fluoride as F	mg/L	0.28	APHA 23 <sup>rd</sup> Ed.2017-4500 F <sup>-</sup> C, (Ion selective electrode method)	1.0	1.50
10	Colour	HU	05	APHA 23 <sup>rd</sup> Edition 2017-2120 B, (Visual comparison method):2017	5	15
11	Odour	-	Agreeable	IS 3025 (Part5): 2018, Observation	Agreeable	Agreeable
12	Taste	-	Agreeable	IS 3025 (Part 8): 2017, Observation	Agreeable	Agreeable

- Notes: -
- ◆ The results listed refer only to the tested sample and applicable parameters.
  - ◆ 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 Bokaro Jurisdiction.
  - ◆ BDL=Below Detection Limit.

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27/02/25  
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**Authorized Signatory**