District Level Water Testing Laboratory, chatra

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TC-16092

Test Report

Report No:	1707/CTR/810 ®	**Issue Date:22/07/2026**
ULR.No:	_TC160922600000061F	**Sample Code- 810**
Issued To: (Name & Address of Customer)	**INDUMATI TIBREWAL SARASWATI VIDYA MANDIR HIGH SCHOOL, CHATRA ,JHARKHAND,825401**	**Order Ref. No:- L.No-810**
Date of Start Analysis :	17-07-2026	**Sampling:-** Note Done by Laboratory **Sample Received Date: 17/07/2026**
Sample Condition	1 litre,good, at 4^{0}C	
Date of Completion Analysis:	20-07-2026	**Environmental Condition of Laboratory Temperature: 25± 3 ^{0}C Humudity: 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^{0}C	-	7.34	APHA 24thEdition 2023-4500-H$^+$ B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	<1	APHA 24thEdition 2023-2130-B, (Nephelometric method)	1	5
3	Total Dissolved Solids	mg/L	60	APHA 24thEdition 2023-2540 C, (Total Dissolved Solids Dried at 180^{0}C)	500	2000
4	Total Hardness as $CaCO_3$	mg/L	40	APHA 24thEdition 2023-2340-C (EDTA Titrimetric method)	200	600
5	Total Alkalinity as $CaCO_3$	mg/L	28	APHA 24thEdition 2023-2320-B, (Titration Method)	200	600
6	Calcium as Ca+	mg/L	6.41	APHA 24thEdition 2023-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg+	mg/L	5.83	APHA 24thEdition 2023-3500-Mg-B, (Calculation Method)	30	100
8	Fluoride as F	mg/L	<0.2	APHA 24thEdition 2023-4500 F$^-$ C, (Ion selective electrode method)	1.0	1.50
9	Chloride (as Cl)	mg/L	-	APHA 24thEdition 2023-4500 Cl- B, (Argentometric method)	250	1000
10	Colour	HU	05	APHA 24thEdition 2023-2120 B, (Visual Comparison)	5	15
11	Odour	-	Agreeable	IS 3025 (Part-5)-2018	Agreeable	Agreeable
12	Taste		Agreeable	IS 3025 (Part-5)-2018	Agreeable	Agreeable

Remarks:-The submitted sample of water confirm to IS-10500 with respect to above test.

Notes: -

- The results listed refer only to the tested sample and applicable parameters as received from the costumer
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Review & Authorized by;

22.07.26

(Nityanand Kaushik)
Quality Manager
District Level Water Testing Laboratory
D.W.& S. Division Chatra

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

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