

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, BARGARH

E-mail. – dlbargarh@gmail.com

**WATER ANALYSIS REPORT**

TEST REPORT NO.- DWTLB-25/2025-26 / 51



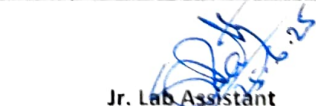
Issue No.- 25

Date :- 25.06.2025

Sample Particulars				Details of Sampling		
Name of the Customer :- The Principal, AIMS INTERNATIONAL SCHOOL, ATTABIRA		Type of Source:-	Surface Water, Drinking Water, Ground Water			
		Sample receive date:-	Letter No 32 / 2025 - Dt. 24.06.25			
		Vide letter No	24.06.2025			
		Sample Registration Date:-	Samples is not collected by this Laboratory			
		Sampling Protocol:-	The Principal, AIMS INTERNATIONAL SCHOOL, ATTABIRA			
		Sample Collected by:-	Sample code no	Location Address		Type of Source
		Sample Address	1	AIMS INTERNATIONAL SCHOOL, ATTABIRA		Ground Water
Test started on		24.06.2025		Test completed on		25.06.2025
Sl. No	Test Parameters	Units	Results	BIS		Test Method
				Acceptable Limit	Permissible Limit	
1	Temperature	°C	26.0°C			APHA 24th Ed 2023- 2550- B Laboratory Method
2	Colour	Hazen Unit	5	1	5	APHA 24th Ed 2023- 2120- B Colour Method (Platinum Cobalt Visual Comparison)
3	Odour	-	Agreeable	-	-	APHA 24th Ed 2023- 2150- B Threshold Odour Test
4	Taste	-	Agreeable	-	-	APHA 24th Ed 2023- 2160- B Flavour Threshold Test
5	Turbidity	NTU	1.6	1.0	5.0	APHA 24th Ed 2023- 2130 B (Nephelometric Method): 2023
6	Total Dissolved Solids(TDS)	mg/l	177	500	2000	APHA 24th Ed 2540 C Gravimetric Method) Dried at 180°C
7	Elect. Conductivity	µmho/cm	341	---	---	APHA 24th Ed 2023- 2510 B:: (Laboratory Method)
8	pH at 26.0°C	pH Unit	6.51	6.5 to 8.5	No relaxation	APHA 24th Ed 2023- 4500 H + B. Electrometric Method
9	Chloride	mg/l	92	250	1000	APHA 24th Ed 2023- 4500- Cl B. (Argentometric Method)
10	Total Hardness (as CaCO ₃)	mg/l	172	200	600	APHA 24th Ed 2023- 2340. C (EDTA Titrimetric Method):
11	Total Alkalinity (as CaCO ₃)	mg/l	100	200	600	APHA 24th Ed 2023 2320 B (Titration Method)
12	Total Iron	mg/l	0.08	1.0	No relaxation	APHA 24th Ed 2023- 3500 -Fe B (Phenanthroline Method)
13	Fluoride	mg/l	0.19	1	1.50	APHA 24th Ed 2023- 4500- F - SPADNS method
14	Total Coliforms	(MPN/100)	00	Shall not be detected in any 100 ml Samples		Colilert - 18 / IDEXX: Quantity Tray. (Enzyme Substrate Test- APHA 24 th Ed 9223- Cl B)
15	E-Coli	(MPN/100)	00			

Counter sign by


Superintending Engineer
RWSS Division, Bargarh


Jr. Lab Assistant
District Water Testing Laboratory
RWSS Division, Bargarh