



**SUB-DIVISIONAL WATER TESTING LABORATORY, R.W.S.&S,
SUB-DIVISION, PATTAMUNDAI,
(NABL ACCREDITED)**

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	WATER ANALYSIS REPORT		 TC-10687
	TEST REPORT NO- SDWTLP-77 DATE OF ISSUE -24.04.2026		

Sample Particulars		Details of Sampling	
Name of the Customer :-	Principal BNNR Public School, Nial, Aul, Kendrapada	Type of Source:-	Borewell
		Date of Sampling:-	24.04.2026
		Sample receive date:- Vide letter No.	24.04.2026 / Vide letter No-Nill
Sample Package Condition:-		Sample Registration Date:-	24.04.2026
a) Quantity of Sample Received - 500ml		Sampling Protocol:-	Samples are not collected by this laboratory.
b) Type of Container - pp		Sample Collected by:-	Avijit Ghadai
		Sample Location:-	Loc-Nial Aul Kendrapada (BNNR PUBLIC SCHOOL)

TEST RESULT

Test Started on-		24.04.2026		Test Completed on-		24.04.2026	
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	pH	pH Unit	7.11	6.5 to 8.5	No relaxation	APHA 23 rd Ed. 4500-H ⁺ B (Electrometric Method)	
2	Elect. Conductivity	µmho/cm	942.0	----	----	APHA 23 rd Ed. 2510 B (Laboratory Method)	
3	TDS Total Dissolved Solids (TDS)	mg/l	498.7	500	2000	APHA 23 rd Ed. 2540 C (Total Dissolved Solids Dried at 180°C)	
4	Total Alkalinity (as CaCO ₃)	mg/l	240	200	600	APHA 23 rd Ed. 2320 B (Titration Method)	
5	Iron	mg/l	0.152	1.0	No relaxation	APHA 23 rd Ed. 3500 Fe B; (Phenanthroline Method)	
6	Turbidity	NTU	0.41	1.0	5.0	APHA 23 rd Ed. 2130 B (Nephelometric Method)	
7	Chloride	mg/l	124	250	1000	APHA 23 rd Ed. 4500 Cl- B (Argentometric Method)	
8	Total Hardness (as CaCO ₃)	mg/l	240	200	600	APHA 23 rd Ed. 2340 C (EDTA Titration Method)	
9	Calcium (as Ca)	mg/l	68.13	75	200	APHA 23 rd Ed. 3500 Ca B (EDTA Titrimetric Method)	
10	Magnesium (as Mg)	mg/l	17.01	30	100	APHA 23 rd Ed. 3500 Mg B (Calculation Method)	
11	Colour	Hazen Units	1	5	15	APHA 23 rd Ed. 2010 B (Visual Comparison Method)	
12	Odour	Qualitative Observation	Agreeable	Agreeable	Agreeable	APHA 23 rd Ed. 2015 B (Threshold Odour Test)	
13	Taste	Qualitative Observation	Agreeable	Agreeable	Agreeable	APHA 23 rd Ed. 2016 B (Flavor Threshold Test)	

Note :- The samples were tested with dilution.


Information on Test Report :

Results relates only to samples received in the Laboratory .

The test report shall not be reproduced except in full without written approval of SDWTLP .

APHA - American Public Health Association

Reviewed by


 24.04.26
 Technical Manager

***** End of Report*****

Quality Manager.

Sub-Divisional Water Testing Laboratory,
 RWS&S, Sub- Division, Pattamundai
 Authorised Signatory