

DISTRICT WATER TESTING LABORATORY, R.W.S.&S. DIVISION, KALAHANDI(ODISHA)
 AT/PO-PARAMANANDPUR CHOWK, INFRONT OF OLD TVS SHOWROOM, BHAWANIPATNA
 Phone No: 06670-230784; E-mail. – distlabkldrws@gmail.com



TEST REPORT NO.- DWTLK-TR-31/2025-26/S1-S1
 ULR NO: TC137882500000031F
 DATE OF ISSUE –16.08.2025



TC -13788

WATER TEST REPORT

Sample Particulars		Details of Sampling	
Name of the Customer :- Principal Kendriya Vidyalaya Bhawanipatna Dist-Kalahandi(Odisha), Pin- 766001,	Type of Source:-	1. Ground Water/TW	
	Date of Sampling:-	14.08.2025	
	Sample receive date:- Vide letter No.	14.08.2025	
Sample Package Condition:- a) Quantity of Sample Received –500 ML b) Type of Container - PP	Sample Registration Date:-	14.08.2025	
	Sampling Protocol:-	Samples are collected by this Laboratory	
	Sample Collected by:-	Lab Attendant Cum Sample Collector	
	Sample Location:-	As Per Letter under reference (above)	

TEST RESULT

Test started on-		14.08.2025		Test completed on-		16.08.2025	
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Temperature	°C	1- 25.2 for each Sample	----	-----	Instrumental Method	
2	pH	pH Unit	1- 7.44	6.5 to 8.5	No relaxation	Electrometric Method, (APHA 24 th Ed 4500-H ⁺ B)	
3	Turbidity	NTU	1- 1.63	1.0	5.0	Nephelometric Method (APHA 24 th Ed. - 2130. B)	
4	Total Dissolved Solids (TDS)	mg/l	1- 742.9	500	2000	(APHA 24 th Ed 2540) TDS Method C 2017	
5	Chloride	mg/l	1- 256	250	1000	Argentometric Method (APHA 24 th Ed 4500 – Cl- B)	
6	Total Hardness (as CaCO ₃)	mg/l	1- 312	200	600	EDTA Titrimetric Method (APHA 24 th Ed 2340 C)	
7	Total Alkalinity (as CaCO ₃)	mg/l	1- 288	200	600	Titration Method (APHA 24 th Ed. - 2320 B)	
8	Iron	mg/l	1- 0.577	1.0	No relaxation	Phenanthroline Method (APHA 24 th Ed 3500 - Fe B)	
9	Calcium	Mg/l	1- 73.65	75	200	EDTA Method (APHA 24 th Ed 4500-H ⁺ B)	
10	Magnesium	Mg/l	1- 39.26	30	100	Calculation Method (APHA 24 th Ed 3500-Mg ⁺ B)	
11	Colour	Hazen Unit	1- 5.0	5	15	APHA 24 th Ed-2120B Visual Comparison Method	
12	Odour	-	1- Agreeable	Agreeable	Agreeable	IS 3025 (PART-5) Second revision :2017	
13	Taste	-	1- Agreeable	Agreeable	Agreeable	IS 3025(Part 8) :2012	

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 DWTLK.

#APHA – American Public Health Association

The parameters are accredited by NABL.

Checked & Compared by

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


 16.08.2025
 Quality Manager
 District Water Testing Laboratory
 Authorized Signatory
District Water Testing Laboratory
 RWS&S Division, Kalahandi

DISTRICT WATER TESTING LABORATORY, R.W.S.&S. DIVISION, KALAHANDI(ODISHA)

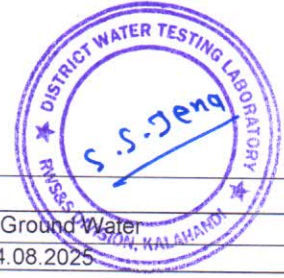
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WATER TEST REPORT

DISTRICT WATER TESTING LABORATORY, R.W.S.&S. DIVISION, KALAHANDI(ODISHA)

AT/PO-PARAMANANDPUR CHOWK, INFRONT OF OLD TVS SHOWROOM, BHAWANIPATNA

Phone No: 06670-230784; E-mail. – distlabkldrsws@gmail.com**WATER ANALYSIS REPORT**TEST REPORT NO.- DWTLK-TR-31/2025-26
DATE OF ISSUE –16.08.2025

Sample Particulars		Details of Sampling	
Name of the Customer :-	Principal Kendriya Vidyalaya Bhawanipatna Dist-Kalahandi(Odisha), Pin- 766001,	Type of Source:-	1.Ground Water
		Date of Sampling:-	14.08.2025
Sample Package Condition:- a) Quantity of Sample Received – 500ml (Each) b) Type of Container - pp		Sample receive date:-	14.08.2025
		Vide letter No.	
		Sample Registration Date:-	14.08.2025
		Sampling Protocol:-	Sample are collected by this Laboratory
		Sample Collected by:-	Lab Attendant Cum Sample Collector
		Sample Location:-	As Per Letter under reference (above)

TEST RESULT

Test Started on-		14.08.2025		Test Completed on-		16.08.2025	
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Fluoride	mg/l	1- 1.12	1.0	1.5	Ion- Selective Electrode Method (APHA 23 rd Ed.-4500 F-C	
2	Total Coli/ E-coli	MPN/100ml	1- Absent	Shall not be detectable in any 100 ml samples.		Coliert-18/DEXX-Quantity Tray (enzyme Substrate Test)	

Note :- The samples were tested with dilution.

Information on Test Report :

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Checked & compared by.

S.S. Jena
16.08.2025
Quality Manager
District Water Testing Laboratory,
Authorized Signatory
District Water Testing Laboratory,
RWS&S Division, Kalahandi

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