

**OFFICE OF THE ASSISTANT EXECUTIVE ENGINEER**

**RWS&S Sub-Division, Sadar, Cuttack**

At-Mahanadi Vihar, Dist-Cuttack-753004

Letter No: 218

Date: 05.05.26

To

**The Principal  
Odisha Adarsha Vidyalaya  
Chitalpur, Kantapada, Cuttack**

**SUB:-** Test Report Of Water Samples Of Odisha Adarsha Vidyalaya, Chitalpur, Kantapada ,  
Cuttack .

**REF:-** Your Office Letter No -824 / Dt.28.04.2026

Respected Sir ,

With respect to the subject cited above. The water sample of Odisha Adarsha Vidyalaya, Chitalpur, Kantapada, Cuttack is found to be **safe as per our mentioned Tested Parameters in the Test Report** of District Water Testing Laboratory, Cuttack for drinking purpose & test report is enclosed herewith for your kind information and necessary action.

This is for your kind information and necessary action.

Enclosed :- As Above

Yours faithfully,

*AK*  
*5.5.26*  
ASSISTANT EXECUTIVE ENGINEER  
RWS&S Sub-Division, Sadar, Cuttack.

*ell*  
*5.5.26*

C.C. Submitted to :

1. Superintending Engineer, RWS&S Division ,Cuttack for favour of kind information and necessary action.

## DISTRICT WATER TESTING LABORATORY, R.W.S.&amp;S. DIVISION, MAHANADI VIHAR, CUTTACK

E-mail. -cuttackdistlab@gmail.com

## WATER ANALYSIS REPORT



TEST REPORT NO.- DWTL-TR/18/2026-27/S-1 to S-1  
 ULR NO.-TC41372600000018F  
 DATE OF ISSUE - 05.05.2026



Sample Particulars		Details of Sampling	
Name of the Customer :-	ODISHA ADARSHA VIDYALAYA CHITALPUR, KANTAPADA, CUTTACK	Type of Source:-	BOREWELL.
		Date of Sampling:-	02.05.2026
		Sample receive date/ Time:-	02.05.2026(12 PM)
			Ref letter No:-824/OAV/KPD/2026
Sample Package Condition:-		Sample Registration Date:-	02.05.2026
a) Quantity of Sample Received - 1000ml		Sampling Protocol:-	Samples are collected by Sample Collector of this Laboratory
b) Type of Container :- pp		Sample Collected by:-	Sample Collector DWTL CUTTACK
c) Sealed / Unsealed : Sealed		Sample Location:-	AT-CHITALPUR,PO-SUNDARGRAM BLOCK-KANTAPADA,DIST-CUTTACK

## TEST RESULT

Test started on-		02.05.2026		Test completed on-		05.05.2026	
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Temperature	25.1 <sup>o</sup> C		-----	-----	Instrumental Method	
2	pH	pH Unit	1- 6.84	6.5 to 8.5	No relaxation	Electrometric Method, ( APHA 23 <sup>rd</sup> Ed 4500-H <sup>+</sup> B)	
3	Elect. Conductivity	µmho/cm	1- 195.4	---	----	Instrumental Method (APHA 23 <sup>rd</sup> Ed 2510 B)	
4	Turbidity	NTU	1- 0.98	1.0	5.0	Nephelometric Method (APHA 23 <sup>rd</sup> Ed. - 2130. B )	
5	Chloride	mg/l	1- 10	250	1000	Argentometric Method (APHA 23 <sup>rd</sup> Ed 4500 - Cl- B)	
6	Total Hardness (as CaCO <sub>3</sub> )	mg/l	1- 62	200	600	EDTA Titrimetric Method (APHA 23 <sup>rd</sup> Ed 2340 C)	
7	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	1- 64	200	600	Titration Method (APHA 23 <sup>rd</sup> Ed. - 2320 B)	
8	Iron	mg/l	1- 0.287	1.0	No relaxation	Phenanthroline Method (APHA 23 <sup>rd</sup> Ed 3500 - Fe B)	
9	Total Dissolved Solids (TDS)	mg/l	1- 127	500	2000	Gravimetric Method	
10	Calcium (as Ca)	mg/l	1- 20.84	75	200	EDTA Titrimetric Method (APHA 23 <sup>rd</sup> Ed 3500 B)	

11	Magnesium (as Mg)	mg/l	1- 2.91	30	100	Calculation Method (APHA 23 <sup>rd</sup> Ed 3500 B)
12	SULPHATE	Mg/l	1. 3.87	200	400	Turbidimetric Method (APHA, 23 <sup>rd</sup> Ed.-4500- SO <sub>4</sub> <sup>2-</sup> )


**Information on Test Report :**

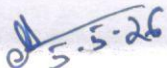
Results relates only to samples received in the Laboratory .

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

#APHA – American Public Health Association

Checked &amp; Compared by

  
 05.05.26  
 LAB CHEMIST  
**LAB CHEMIST**  
**DISTRICT WATER TESTING**  
**LABORATORY, CUTTACK**

  
 JUNIOR LAB ASSISTANT  
 District Water Testing Laboratory,  
 RWSS Division, Mahanadi Vihar, Cuttack  
 Authorised Signatory

**DISTRICT WATER TESTING LABORATORY, R.W.S.&S.DIVISION, MAHANADI VIHAR  
CUTTACK**

**Mob. -0671-2441619; E-mail. -cuttackdistlab@gmail.com**



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				Acceptable Limit	Permissible Limit in absence of alternate source		
1	FLUORIDE	Mg/l	1. 0.024	1.0	1.5	SPADNS METHOD METHOD (APHA 23 <sup>rd</sup> Ed-4500 F ° C)	
BACTERIOLOGICAL TEST							
1	E.COLIFORM	MPN/100 ml	1) <1.0	Shall not be detectable in any 100ml samples		Colliert-18/IDEXX-QUANTITY TRAY [ENZYME SUBSTRATE TEST APHA 23 <sup>rd</sup> Ed 9223-cl- B)	
2	TOTAL COLIFORM	MPN/100 ml	1) <1.0				

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Checked & Compared

*[Signature]*  
6.5.05.26

Lab Chemist

**LAB CHEMIST**

**DISTRICT WATER TESTING  
LABORATORY, CUTTACK**

*[Signature]*  
5.5.26  
JUNIOR LAB ASSISTANT.

District Water Testing Laboratory,  
RWSS Division, Mahanadi Vihar, Cuttack  
Authorized Signatory