



# DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION SAMBALPUR

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	<b>WATER ANALYSIS REPORT</b>		 NABL ACCREDITED TC-12837
	<b>TEST REPORT NO.- DWTLS -22/2025-2026</b>		
	Issue No.- <b>22</b>	Date:- <b>02.05.2025</b>	
<b>Sample Particulars</b>		<b>Details of Sampling</b>	
Name of the Customer :-	THE PRINCIPAL, ODISHA ADARSHA VIDYALAYA, DHANKAUDA	Type of Source:-	Drinking Water
		Date of Sampling:-	30.04.2025
		Sample receive date:- Vide letter No.	Letter No- NA, Date- 30.04.2025
Sample Package Condition:-		Sample Registration Date:-	30.04.2025
Quantity of Sample Received – 1000 ml each		Sampling Protocol:-	NA
Type of Container - PP (Poly Propylene)		Sample Collected by:-	JAGADISH BEHERA, SAMPLER, DLL SBP
		Sample Location:-	M/S ODISHA ADARSHA VIDYALAYA, DHANKAUDA SAMBALPUR

TEST RESULT						
Test started on-		30.04.2025		Test completed on-		01.05.2025
Si.	Test Parameters	Units	Results	Requirements IS10500 :2012		Test Method
				Acceptable Limit	Permissible Limit In absence of alternate source	
1	pH at 25°C	pH Unit	6.73	6.5 to 8.5	No relaxation	APHA, 24 <sup>th</sup> Ed.2023-4500+B: 2023
2	Turbidity	NTU	0.44	1.0	5.0	APHA 24 <sup>th</sup> Ed2023-2130 B (Nephelometric Method): 2023
3	*Elect. Conductivity	µmho/cm	332.3	—	—	APHA 24 <sup>th</sup> Ed.2023- 2510 B:: 2023
4	Total Dissolved Solids (TDS)	mg/l	216.0	500	2000	APHA 24 <sup>th</sup> Ed. -2540-TDS Method C (Dried at 180 degree Celcius): 2023
5	Chloride	mg/l	28.0	250	1000	APHA 24 <sup>th</sup> Ed.2023-4500 Cl B (Argentometric Method): 2023
6	Total Hardness (as CaCO <sub>3</sub> )	mg/l	134.0	200	600	APHA 24 <sup>th</sup> Ed. 2023- 2340 C (Titrimetric Method): 2023
7	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	76.0	200	600	APHA 24 <sup>th</sup> Ed. 2023 2320 B(Titration Method): 2023

8	Total Iron	mg/l	0.055	1.0	No relaxation	APHA 24 <sup>th</sup> Ed.2023- 3500 Fe B (Phenanthroline Method): 2023
9	*Fluoride	mg/l	1.03	1.50	1.50	Ion-Selective Electrode Method
10	*Residual Chlorine	mg/l	0.00	0.2	1.0	RC Comparator Method
11	*Total Coliform	MPN	0.00	Shall Not be detectedany in 100ml sample	No Relaxation	Enzyme Substract Method
12	*E. Coli	MPN	0.00	Shall Not be detectedany in 100ml sample	No Relaxation	Enzyme Substract Method
13	Calcium (as Ca)	mg/l	36.75	75	200	APHA 24 <sup>th</sup> Ed. - 3500-Ca Method B (EDTA method): 2023
14	Magnesium (as Mg)	mg/l	10.48	30	100	APHA 24 <sup>th</sup> Ed. 3500 Mg B (Calculation Method): 2023

**Information on Test Report :**

Results relates only to samples received in the Laboratory .

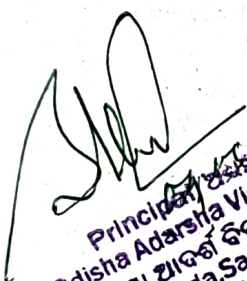
The test report shall not be reproduced except in full without written approval of DWTLs.

\*Indicates the parameter are not included in NABL scope

#APHA – American Public Health Association

  
30/4/2025  
(Quality Manager)

Dr. Sanjaya Kumar Mudull  
District Water Testing Laboratory, Sambalpur  
Authorised Signature

  
Principal  
Odisha Adarsha Vidyalaya  
ଓଡ଼ିଶା ଆର୍ଦ୍ଧା ଶିକ୍ଷାଳୟ  
Dhankauda, Sambalpur  
ଧନକୋଣ୍ଡା, ସମ୍ବଲପୁର

\*\*\*\*\*End Of the Report\*\*\*\*\*



**OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER,  
SAMBALPUR  
(PUBLIC HEALTH WING)**

Order No. 442 /PH, Sambalpur

Date 6.4.24

Subject: - Regarding issue of Health and Sanitation certificate.

I hereby declare that the District task force team has inspected the Odisha Adarsha Vidyalaya, Badsinghari, Block-Dhankauda Dist.-Sambalpur on Dt. 05.04.2024 and certify,

- ❖ That the school is providing adequate facilities for portable drinking water.
- ❖ That the school is providing clean healthy and hygienic toilets with washing facilities for boys and girls separately. There are separate toilets available for staff members.
- ❖ That there are no hostel facilities available in the school.
- ❖ Mid-day meal is functioning for Class 6<sup>th</sup> to 8<sup>th</sup> students.
- ❖ Fire safety equipment are available in the school premises.
- ❖ That in all other necessary aspects the sanitation is satisfactory.

Conditions:

- ❖ The school authority should ban the Cigarette and other Tobacco products in the campus and visible board to be displayed – COTP Act 2003.
- ❖ The school authority should ensure personal hygiene practice including hand washing among the students and staffs.
- ❖ This certificate is valid for one year from the date of issue.

Chief District Medical & Public Health Officer  
Sambalpur

*[Signature]*  
6/4/2024

Date 6.4.24

Letter No. 443 /PH, Sambalpur

Copy to The Principal, Odisha Adarsha Vidyalaya, Badsinghari, Block-Dhankauda, Sambalpur for information.

Chief District Medical & Public Health Officer  
Sambalpur

*[Signature]*  
6/4/2024

*[Signature]*  
Principal/ଅଧ୍ୟକ୍ଷ  
Odisha Adarsha Vidyalaya  
ଓଡ଼ିଶା ଆଦର୍ଶ ବିଦ୍ୟାଳୟ  
Dhankauda, Sambalpur  
ଧନକାଉଡ଼ା, ସମ୍ବଲପୁର