

9	Total Iron	mg/l	1-0.160	1.0	No relaxation	APHA23rd Ed.2017- 3500 Fe B (Phenanthroline Method: 2017
10	*Fluoride	mg/l	1-0.22	1.50	1.50	Ion-Selective Electrode Method
11	Nitrate	mg/l	1- 6.98	45	No relaxtion	Ion selective method.
12	*E.Coli	MPN	↓ Nil	No relaxation	No relaxation	Enzyme substrate MPN Method
13	Residual Chlorine	Mg/l	↓ Nil	0.2	1.0	OT method
14	Calcium	Mg/l	↑ 72.4	100	200	EDTA Method.

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 DWTLs.

**Indicates the parameter are not included in NABL scope*

#APHA – American Public Health Association


20/5/2025
Quality Manager

Dr. S.K Muduli
District Water Testing Laboratory, Sambalpur
Authorised Signatory

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION SAMBALPUR

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WATER ANALYSIS REPORT

TEST REPORT NO.- DWTLS-26/2025

Issue No.- 26

Date- 20.5.2025



NABL ACCREDITED

T -12837

Sample Particulars		Details of Sampling	
Name of the Customer :-	Chairman Dayananda Public School, Sambalpur.	Type of Source:-	Drinking water
		Date of Sampling:-	19.5.2025
		Sample receive date:- Vide letter No.	217/DPS dt 19.5.25
Sample Package Condition:- a) Quantity of Sample Received – 1000 ml each b) Type of Container - PP (Poly Propylene)		Sample Registration Date:-	19.5.2025
		Sampling Protocol:-	Samples is not collected by this laboratory.
		Sample Collected by:-	-
		Sample Location:-	Raseram vihar, Padiabahal, SBP,School Campus.

TEST RESULT

Test started on-		19.5.2025		Test completed on-		20.5.2025
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method
				Acceptable Limit	Permissible Limit In absence of alternate source	
1	Colour	Hazen Unit	1-0.1 HU	1 HU	5 HU	APHA 23rd Ed. -2120-Colour Method B(Platinum Cobalt Visual Comparison) : 2017
2	pH at 25°C	pH Unit	1-7.33	6.5 to 8.5	No relaxation	APHA, 23rd Ed.2017-4500+B: 2017
3	Turbidity	NTU	0.1	1.0	5.0	APHA23rd Ed.2017-2130 B (Nephelometric Method): 2017
4	*Elect. Conductivity	µmho/cm	1 - 778	---	----	APHA 23rd Ed.2017- 2510 B:: 2017
5	Total Dissolved Solids	mg/l	506..0	500	2000	APHA 23rd Ed. -2540-TDS Method C (Dried at 180 degree Celcius): 2017
6	Chloride	mg/l	1 -96.00	250	1000	APHA23rd Ed.2017-4500 Cl B (Argentometric Method): 2017
7	Total Hardness (as CaCO ₃)	mg/l	344.00	200	600	APHA23rd Ed. 2017- 2340 C (Titrimetric Method): 2017
8	Total Alkalinity (as CaCO ₃)	mg/l	320.00	200	600	APHA23rd Ed. 2017 2320 B(Titration Method): 2017