

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION SAMBALPUR

Mob. – 9437597053

E-mail. – rwsslabssbp@gmail.com



WATER ANALYSIS REPORT

TEST REPORT NO.- DWTLS-43/2024-25

Issue No.- 46

Date:- 02.03.2024



**NABL ACCREDITED
T-9954**

Sample Particulars		Details of Sampling	
Name of the Customer :-	HEMANT KUMAR YADAV	Type of Source:-	Drinking Water
		Date of Sampling:-	NA
		Sample receive date:- Vide letter No.	Letter No- NA, Date.- 28.02.2024
Sample Package Condition:-		Sample Registration Date:-	28.02.2024
a) Quantity of Sample Received – 1000 ml each		Sampling Protocol:-	NA
b) Type of Container - PP (Poly Propiline)		Sample Collected by:-	Not Specified
		Sample Location:-	M/S INDIAN PUBLIC SCHOOL CANTEEN, SAMBALPUR.

TEST RESULT						
Test started on-		28.02.2024		Test completed on-		29.02.2024
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	pH at 25°C	pH Unit	7.36	6.5 to 8.5	No relaxation	APHA, 24 th Ed.2023-4500+B: 2023
2	Turbidity	NTU	0.59	1.0	5.0	APHA 24 th Ed2023-2130 B (Nephelometric Method): 2023
3	*Elect. Conductivity	µmho/cm	209.3	---	---	APHA 24 th Ed.2023- 2510 B:: 2023
4	Total Dissolved Solids (TDS)	mg/l	156.0	500	2000	APHA 24 th Ed. -2540-TDS Method C (Dried at 180 degree Celcius): 2023
5	Chloride	mg/l	15.0	250	1000	APHA 24 th Ed.2023-4500 Cl B (Argentometric Method): 2023
6	Total Hardness (as CaCO ₃)	mg/l	80.0	200	600	APHA 24 th Ed. 2023- 2340 C (Titrimetric Method): 2023
7	Total Alkalinity (as CaCO ₃)	mg/l	38.0	200	600	APHA 24 th Ed. 2023 2320 B(Titration Method): 2023

8	Total Iron	mg/l	0.296	1.0	No relaxation	APHA 24 th Ed.2023- 3500 Fe B (Phenanthroline Method: 2023
9	*Fluoride	mg/l	0.443	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 detected any in 100ml sample	No Relaxation	Enzyme Substract Method
12	*E. Coli	MPN	0.00	Shall Not be detected any in 100ml sample	No Relaxation	Enzyme Substract Method

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

Sanjaya Kumar Muduli
21/3/2024
Quality Manager

Dr. Sanjaya Kumar Muduli
District Water Testing Laboratory, Sambalpur
Authorised Signatory

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