

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, JHARSUGUDA

email. -labjharsuguda@gmail.com



WATER ANALYSIS REPORT

TEST REPORT NO.- DWTL- 199 /2023

Dt. 12.09.2023

Sample Particulars		Details of Sampling	
Name of the Customer :-	Principal of St. Joseph's Convent School	Type of Source:-	Bore Well
		Date of Sampling:-	Not mention
		Sample receive date:-	08.09.2023
		Vide letter No.	
Sample Package Condition:-			
a) Quantity of Sample Received – 1000 ml each		Sampling Protocol:-	NA
b) Type of Container - Normal Bottle		Sample Collected by:-	Not Specified
		Sample Location:-	St. Joseph's Convent School

TEST RESULT

Test started on-		11.09.2023		Test completed on-		12.09.2023	
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Temperature	°C	25.5°C				
2	Odour*	---	Agreeable	Agreeable	Agreeable		---
3	Taste*	---	Agreeable	Agreeable	Agreeable		---
4	pH at 25°C	pH Unit	6.21	6.5 to 8.5	No relaxation	APHA, 23rd Ed.2017-4500+B.	2017 Electrometric Method
5	Turbidity	NTU	0.63	1.0	5.0	APHA23rd Ed 2017-2130 B	(Nephelometric Method): 2017
6	Elect. Conductivity	µmho/cm	221.1	---	---	APHA 23rd Ed 2017 2510 B.	2017 Electrometric Method
7	Total Dissolved Solids (TDS)	mg/l	144	500	2000		CALCULATION METHOD


8	Chloride	mg/l	58	250	1000	APHA23rd Ed 2017-4500 Cl B (Argentometric Method) 2017
9	Total Hardness (as CaCO ₃)	mg/l	100	200	600	APHA23rd Ed. 2017- 2340 C (Titrimetric Method)- 2017
10	Total Alkalinity (as CaCO ₃)	mg/l	52	200	600	APHA23rd Ed. 2017 2320 B(Titration Method)- 2017
11	Fluoride	mg/l	0.70	1.50	1.50	SPADNS Method
12	Total Iron	mg/l	0.019	1.0	No relaxation	APHA23rd Ed.2017- 3500 Fe B (Phenanthroline Method) 2017
13	Total Coliforms	MPN	0	No relaxation	No relaxation	MPN Method


Results relates only to samples received in the Laboratory .
#APHA – American Public Health Association

Tested By



Lab Assistant
DWTL, Jharsuguda

Checked & Reviewed


Lab Chemist
12/09/23
DWTL, Jharsuguda


Lab Incharge
12/09/23
DWTL, Jharsuguda

***** END OF THE REPORT *****


Principal
St. Joseph's Convent School
Opp. B.T.M., Jharsuguda
Odisha, Pin:- 768203


Manager
St. Joseph's Convent School
Opp. B.T.M., Jharsuguda
Pin-768203, Odisha