

DISTRICT WATER TESTING LABORATORY, R.W.S.&S. DIVISION PHULBANI,
KANDHAMAL
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WATER ANALYSIS REPORT

TEST REPORT NO.- DWTLP-TR/52/2023-24/S-1
ULR - TC98782300000052 F
DATE OF ISSUE -11.10.2023

TC-9878

Sample Particulars		Details of Sampling	
Name of the Customer :- Principa Akalabya School Block : Balliguda		Type of Source :-	1.Bore Well
		Date of Sampling :-	13.10.2023
Sample Package Condition:- a) Quantity of Sample Received - 500ml (Each) b) Type of Container - pp		Sample receive date :- Vide letter No.	Vide letter No. - NA Dated -13.10.2023
		Sample Registration Date:-	13.10.2023
		Sampling Protocol :-	Samples is not Collected by this Laboratory
		Sample Collected by :-	Collected by Staff of the School
		Sample Location :-	Akalabya School Block : Phiringia Dist :Kandhamal

TEST RESULT						
Test Started on-		13.10.2023		Test Completed on-		1310.2023
Sl.	Test Parameters	Units	Results	Requirements 84 IS 10500: 2012		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	pH at 25.3°c	pH Unit	1-6.58	6.5 to 8.5	No relaxation	Electrometric Method, (APHA 23 rd Ed 4500-H ⁺ B)
2	Chloride	mg/l	1-16	250	1000	Argentometric Method (APHA 23 rd Ed 4500 - Cl- B)
3	Total Hardness (as CaCO ₃)	mg/l	1-64	200	600	EDTA Titrimetric Method (APHA 23 rd Ed 2340 C)
4	Total Alkalinity (as CaCO ₃)	mg/l	1-88	200	600	Titration Method (APHA 23 rd Ed. - 2320 B)

	Iron	mg/l	1-0.18	1.0	No relaxation	Phenanthroline Method (APHA 23 rd Ed 3500 - Fe B)
6	Turbidity	NTU	1-0.45	1.0	5.0	Nephelometric Method (APHA 23 rd Ed. - 2130. B)
7	TDS	Mg/l	1-135.19	500	2000	TDS Method (Dried at 180 degrees Celsius (APHA 23 rd Ed 4500-H* B)
8	Colour	CU	1-1.0	200		Colour Comparison Method (APHA 23 rd Ed 4500-H* B)
9	Odor	-----	1-Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) Second Revision :2012
10	Taste	-----	1-Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) (Reaffirmed 2012) : 2012
11	Calcium	Mg/l	1-14.42	75	200	APHA 23 rd Ed.-3500-Ca Method B (EDTA Method)
12	Magnesium	Mg/l	1-6.80	30	100	APHA 23 rd ED Mg B (Calculation Method)
13	Temperature	°C	25.4	-	-	APHA 23 rd ED-2550 B Laboratory 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 DWTP

#APHA - American Public Health Association

Checked & compared by


 Quality Manager
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