



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

STATE LEVEL WATER TESTING LABORATORY

31, Kamarajar Salai, Chepauk, Chennai - 600 005

Phone: 044 - 28412098 E-mail: twadboardcwa@gmail.com

Test Report

Sample Receipt No/Date :	2612/Dt.28.06.2024
Invoice Details :	3169/Dt.28.06.2024/ Amt-Rs.1180/-
Customer Name and Address :	ABS Global Smart School, No.16, J N Road, V.M Nagar, Thiruvallur - 602001
Test Commenced on :	28.06.2024
Test Completed on :	29.06.2024
Test Report Date :	01.07.2024

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	Borewell
Location :	Thiruvallur
Sample drawn by/Date :	Customer / 28.06.2024
Quantity Received :	2 litres
Sample container :	Plastic
Condition of the sample :	Good Condition
Appearance, Colour, Odour :	Clear / Colourless / Agreeable

The test result of sample received is as follows.

Sl. No.	I. PHYSICAL EXAMINATION	Method of Testing	Sample No. 6247	IS 10500 : 2012 Permissible limit in the absence of alternate source
1	Turbidity NT Units	IS 3025 (Part 10) : 2023	1.4	5
2	Total dissolved Solids mg/L	IS 3025 (Part 16) : 2023	1142	2000
3	Electrical Conductivity Micro mho/cm	APHA 23 rd Edition 2017 - 2510 B	1631	-
II. CHEMICAL EXAMINATION				
4	pH at 25°C	IS 3025 (Part 11) : 2022	7.58	6.5-8.5
5	Ph. Alkalinity as CaCO ₃ mg/L	IS 3025 (Part 23) : 1983 - Reaffirmed 2014	0	-
6	Total Alkalinity. as CaCO ₃ mg/L	IS 3025 (Part 23) : 2023	408	600
7	Total Hardness as CaCO ₃ mg/L	IS 3025 (Part 21) : 2009 - Reaffirmed 2019	312	600
8	Calcium as Ca mg/L	IS 3025 (Part 40) : 2019 - Reaffirmed 2019	90	200
9	Magnesium as Mg mg/L	IS 3025 (Part 46) : 2023	21	100
10	Sodium as Na mg/L	APHA 23 rd Edition 2017 - 3500 Na B	254	-
11	Potassium as K mg/L	APHA 23 rd Edition 2017 - 3500 K B	2	-
12	Iron as Fe mg/L	APHA 23 rd Edition 2017 - 3500 Fe B	0	1.0
13	Manganese as Mn mg/L	APHA 23 rd Edition 2017 - 3500 Mn B	0	0.3
14	Free Ammonia as NH ₃ mg/L	APHA 17 th Edition-1989 - 4500 NH ₃ C	0.17	0.5
15	Nitrite as NO ₂ mg/L	APHA 23 rd Edition 2017 - 4500 -NO ₂ B	0.01	-
16	Nitrate as NO ₃ mg/L	APHA (24th Edition) - 4500-NO ₃ B : 2012	2	45
17	Chloride as Cl mg/L	IS 3025 (Part 32) - 2009 - Reaffirmed 2019	198	1000
18	Fluoride as F mg/L	APHA (24th Edition) - 4500 - F - D : 2012	0.70	1.5
19	Sulphate as SO ₄ mg/L	IS 3025 (Part 24/Sec 1) : 2022	155	400
20	Phosphate as PO ₄ mg/L	APHA 23 rd Edition 2017 - 4500 P-D	0.04	-
21	Tidy's Test 4 hrs.as O ₂ mg/L	APHA 23 rd Edition 2017 - 4500 O - B	0.16	-

Reviewed by
Junior Water Analyst / Assistant Water Analyst.

[Signature]
1/7/24

Authorised Signatory
Dr.V. Gopal - Chief Water Analyst.

[Signature]
1/7/24

Note:

1. The test results relate only to the items tested.
2. The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
3. Unless informed by customer, the test items will not be retained for more than 15 days from the date of issue of the test report.
4. The result applied to the sample as received basis.

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