

**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD****STATE LEVEL WATER TESTING LABORATORY****31, Kamarajar Salai, Chempauk, Chennai - 600 005****Phone: 044 - 28412098 E-mail: twadboardcwa@gmail.com****Test Report**

Sample Receipt No/Date :	2703/Dt.09.10.2024			
Invoice Details :	3260/Dt.09.10.2024/ Amt-Rs.236/-			
Customer Name and Address :	V.Kalpana, E.Code:14115, Assistant Executive Engineer, TAWD Board, Chennai-5.			
Test Commenced on :	09.10.2024			
Test Completed on :	10.10.2024			
Test Report Date :	15.10.2024			
SAMPLE DETAILS FURNISHED BY CUSTOMER				
Source :	R.O Water			
Location :	Kendriya Vidyalaya (HVF), Avadi.			
Sample drawn by/Date :	Customer / 09.10.2024			
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. 6511	IS 10500 : 2012 Permissible limit in the absence of alternate source
1	Turbidity NT Units	IS 3025 (Part 10) : 2023	0.0	5
2	Total dissolved Solids mg/L	IS 3025 (Part 16) : 2023	24	2000
3	Electrical Conductivity Micro mho/cm	IS 3025 (Part 14) : 2013	34	-
II. CHEMICAL EXAMINATION				
4	pH at 25°C	IS 3025 (Part 11) : 2022	5.82	6.5-8.5
5	Ph. Alkalinity as CaCO ₃ mg/L	IS 3025 (Part 23) : 2023	0	-
6	Total Alkalinity. as CaCO ₃ mg/L	IS 3025 (Part 23) : 2023	8	600
7	Total Hardness as CaCO ₃ mg/L	IS 3025 (Part 21) : 2009	7	600
8	Calcium as Ca mg/L	IS 3025 (Part 40) : 1991	2	200
9	Magnesium as Mg mg/L	IS 3025 (Part 46) : 2023	1	100
10	Sodium as Na mg/L	IS 3025 (Part 45) : 1993	5	-
11	Potassium as K mg/L	IS 3025 (Part 45) : 1993	0	-
12	Iron as Fe mg/L	IS 3025 (Part 53) : 2024	0.00	1.0
13	Manganese as Mn mg/L	IS 3025 (Part 59) : 2023	0	0.3
14	Free Ammonia as NH ₃ mg/L	IS 3025 (Part 34) : 2023	0.00	0.5
15	Nitrite as NO ₂ mg/L	IS 3025 (Part 34/Sec-1) : 2023	0.00	-
16	Nitrate as NO ₃ mg/L	IS 3025 (Part 34/Sec-1) : 2023	<1	45
17	Chloride as Cl mg/L	IS 3025 (Part 32) : 1988	5	1000
18	Fluoride as F mg/L	IS 3025 (Part 60/Sec-1) : 2023	0.11	1.5
19	Sulphate as SO ₄ mg/L	IS 3025 (Part 24/Sec-1) : 2022	<10	400
20	Phosphate as PO ₄ mg/L	IS 3025 (Part 31/Sec-1) : 2022	0.00	-
21	Tidy's Test 4 hrs.as O ₂ mg/L	IS 3025 (Part 63) : 2007	0.08	-

Reviewed by
Junior Water Analyst / Assistant Water Analyst.

Note:

- The test results relate only to the items tested.
- The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- 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.
- The result applied to the sample as received basis.

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

Dr. V. Gopal
15/10/24