



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 :	2297/Dt.06.06.2023			
Invoice Details :	2854/Dt.06.06.2023/Amt.Rs.1180/-			
Customer Name and Address	Padmashree School CBSC, Vanasakthi Nagar, Kolathur, Chennai-600099.			
Test Commenced on :	06.06.2023			
Test Completed on :	07.06.2023			
Test Report Date:	09.06.2023			
SAMPLE DETAILS FURNISHED BY CUSTOMER				
Source	R.O Water			
Location	Kolathur, Chennai-600099.			
Sample drawn by/Date:	Customer/06.06.2023			
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.5557 Result	IS 10500 : 2012 Permissible limit in the absence of alternate
1	Turbidity NT Units	APHA 23 rd Edition 2017 - 2130 B	0.0	5
2	Total dissolved Solids mg/L	APHA 23 rd Edition 2017 - 2540 C	73	2000
3	Electrical Conductivity Micro mho/cm	APHA 23 rd Edition 2017 - 2510 B	104	-
		II.CHEMICAL EXAMINATION:		
4	pH at 25°C	IS 3025 part 11-1983 - Reaffirmed 2017	6.01	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 23-1986 - Reaffirmed 2014	22	600
7	Total Hardness as CaCO ₃ mg/L	IS 3025 part 21-2009-Reaffirmed 2014	14	600
8	Calcium as Ca mg/L	APHA 23 rd Edition 2017 - 3500 Ca B	4	200
9	Magnesium as Mg mg/L	APHA 23 rd Edition 2017 - 3500 Mg B	1	100
10	Sodium as Na mg/L	APHA 23 rd Edition 2017 - 3500 Na B	15	-
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	0.00	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	0.00	0.5
15	Nitrite as NO ₂ mg/L	APHA 23 rd Edition 2017- 4500 -NO ₂ B	0.10	-
16	Nitrate as NO ₃ mg/L	APHA 23 rd Edition 2017- 4500-NO ₃ B	5	45
17	Chloride as Cl mg/L	IS 3025-part 32-1988- Reaffirmed 2014	14	1000
18	Fluoride as F mg/L	APHA 23 rd Edition 2017 - 4500- F-D	0.00	1.5
19	Sulphate as SO ₄ mg/L	IS 3025-part 24-1986-Reaffirmed 2014	5	400
20	Phosphate as PO ₄ mg/L	APHA 23 rd Edition 2017 - 4500 P- D	0.50	-
21	Tidy's Test 4 hrs.as O ₂ mg/L	APHA 23 rd Edition 2017 - 4500 O - B	0.08	-

K. Rengaraj
9.6.23

Reviewed by

K. Rengaraj - Assistant Water Analyst.

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.

Dr. V. Gopal
9.6.23

Authorised Signatory

Dr. V. Gopal - Chief Water Analyst.