

Zonal Health Officer
ZONE-3
GREATER CHENNAI CORPORATION

**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 :	2604/Dt.21.06.2024
Invoice Details :	3161/Dt.21.06.2024/ Amt-Rs.1180/-
Customer Name and Address :	Narayana e-Techno school, No.384, Perambur Red Hills High Road, Nagappa Industrial Estate, Puzhal, Kadirvedu, Chennai, Tamilnadu - 600066
Test Commenced on :	21.06.2024
Test Completed on :	22.06.2024
Test Report Date :	24.06.2024

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	CanWater
Location :	Kathiruvadu (Puzhal), Chennai
Sample drawn by/Date :	Customer / 21.06.2024
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. 6228	IS 10500 : 2012 Permissible limit in the absence of alternate source
1	Turbidity NT Units	IS 3025 (Part 10) : 2023	0	5
2	Total dissolved Solids mg/L	IS 3025 (Part 16) : 2023	46	2000
3	Electrical Conductivity Micro mho/cm	APHA 23 rd Edition 2017 – 2510 B	65	-
II. CHEMICAL EXAMINATION				
4	pH at 25°C	IS 3025 (Part 11) : 2022	6.45	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	16	600
7	Total Hardness as CaCO ₃ mg/L	IS 3025 (Part 21) : 2009 - Reaffirmed 2019	16	600
8	Calcium as Ca mg/L	IS 3025 (Part 40) : 2019 - Reaffirmed 2019	5	200
9	Magnesium as Mg mg/L	IS 3025 (Part 46) : 2023	1	100
10	Sodium as Na mg/L	APHA 23 rd Edition 2017 – 3500 Na B	7	-
11	Potassium as K mg/L	APHA 23 rd Edition 2017 – 3500 K B	0	-
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	0.5
15	Nitrite as NO ₂ mg/L	APHA 23 rd Edition 2017 – 4500 -NO ₂ B	0	-
16	Nitrate as NO ₃ mg/L	APHA (24th Edition) – 4500-NO ₃ B : 2012	10	45
17	Chloride as Cl mg/L	IS 3025 (Part 32) - 2009 - Reaffirmed 2019	6	1000
18	Fluoride as F mg/L	APHA (24th Edition) – 4500 - F - D : 2012	<0.1	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	APHA 23 rd Edition 2017 - 4500 P-D	0.10	-
21	Tidy's Test 4 hrs.as O ₂ mg/L	APHA 23 rd Edition 2017 – 4500 O - B	0.08	-

Reviewed by

Junior Water Analyst / Assistant Water Analyst.

Note:

24/6/24

Authorised Signatory

Dr.V. Gopal - Chief Water Analyst.