



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY

TWAD Board, No.397,ANBU NAGAR GORIMEDU,SALEM – 636 008.

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TEST REPORT

Sample Receipt No Date :	57569-57570/15.06.2022
Invoice Details :	6474 15.06.2022
Customer Name and Address :	Glazebrooke Public School, Nagaramalai Adivaram, Reddiyur Salem-636004.
Test Commenced on :	15.06.2022
Test Completed on :	15.06.2022
Test Report Date :	16.06.2022
SAMPLE DETAILS FURNISHED BY CUSTOMER	
Source :	RO Water.
Location :	Glazebrooke Public School
Sample drawn by/Date :	Customer/15.06.2022
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
The test result of sample received is as follows.	

S.No	I. CHEMICAL EXAMINATION	Method of Testing	Unit	Sample No. 57567 Result	Specification as per IS 10500 : 2012
					Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	6.60	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	44	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	40	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	8	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	1	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO2 B	mg/L	0	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	0.2	1.5

Remarks: The given water sample is chemically potable.


PRINCIPAL
Glazebrooke Public School
Nagaramalai Adivaram,
Reddiyur, SALEM - 4

.....End of the report.....


Assistant Engineer,
TWAD Board, R.W.S.,
Salem.

Note:

1. The test results relate only to the tested sample.
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.



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SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	RO Water.
Location :	Glazebrooke Public School
Sample drawn by/Date :	Customer/15.06.2022
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.

S.No	I. Physical Examination	Method of Testing	Unit	Sample No. 57569 Result	Specification as per IS 10500 : 2012 Permissible Limit
8	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	5
9	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	70	2000
10	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	100	-
	II. Chemical Examination				
11	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-
12	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	10	200
13	Magnesium as Mg	APHA 23rd Edition 2017 - 3500 Mg B	mg/L	4	100
14	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	-	-
15	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	-	-
16	Iron as Fe	APHA 23rd Edition 2017 - 3500 Fe B	mg/L	0.00	1
17	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.3
18	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH ₃ C	mg/L	0.00	0.5
19	Nitrite as NO ₂	APHA 23rd Edition 2017 - 4500-NO ₃ B	mg/L	0.00	-
20	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.00	-
21	Free residual chlorine	BIS 10500:2012	mg/L	0.00	-
	III. Bacteriological Examination			57570	
22	Fecal Coliform per 100 ml	IS/APHA	CFU	0	0

Remarks: The above sample is confirmed as per IS 10500-2012 Specification with respect to above tested parameters.


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