



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY

TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore - 641043.

Phone: 0422 - 2437863

E-mail: twadlabce@gmail.com



TEST REPORT

Sample Receipt No/Date :	45894 - 45895/Dt.04.07.2022
Invoice Details :	7855/Dt.04.07.2022/Amt.1652/-
Customer Name and Address :	The Maintenance Engineer, Satchidananda Jothi Nikethen International School, Kallar, Mettupalayam.
Test Commenced on :	04.07.2022
Test Completed on :	06.07.2022
Test Report Date :	11.07.2022

SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	RO Water (Out let)
Location :	Girls Hostel
Sample drawn by/Date :	Customer/04.07.2022
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. 45894 Result	Specification as per IS 10500 : 2012
					Permissible Limit
1	pH at 25°C	IS 3025 Part 11-1983	-	7.69	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-Part 23-1986	mg/L	12	600
3	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	16	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	9.0	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	< 5.0	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO2 B	mg/L	< 2.0	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	< 0.2	1.5

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


11/7/2022

Authorized Signatory,
TWAD Bd, D.W.T. Lab,
Coimbatore.

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 (Out let)
Location :	Girls Hostel
Sample drawn by/Date :	Customer/04.07.2022
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. 45894 Result	Specification as per IS 10500 : 2012
					Permissible Limit
1	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	5
2	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	37	2000
3	Electrical Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	54	-
II. Chemical Examination					
4	Ph. Alkalinity as CaCO ₃	IS 3025-Part 23-1983	mg/L	0	-
5	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	3.0	200
6	Magnesium as Mg	APHA 23rd Edition 2017- 3500 Mg B	mg/L	2.0	100
7	Sodium as Na	APHA 23rd Edition 2017 - 3500 Na B	mg/L	5.0	-
8	Potassium as K	APHA 23rd Edition 2017 - 3500 K B	mg/L	0	-
9	Iron as Fe	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	1
10	Manganese as Mn	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.3
11	Free Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH3C	mg/L	0	0.5
12	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO3 B	mg/L	0	-
13	Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-
14	Tidy's Test 4 hrs as O ₂	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.16	-
III. Bacteriological Examination					
15	Feecal Coliform per 100 ml	IS/APHA	CFU	0	0

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


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