



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Vadamadurai Cauvery Water Pump House Campus,  
Dindigul @Vadamadurai – 624 802

Phone: 0451 - 2410188 E-mail: wtldgl17@gmail.com



TC - 10416

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Sample / Lab No:	2022/ 1887-B1888	Report Issue Date :	21.07.2022
Invoice Details:	538/Dt.14.07.2022/Amt.Rs.1652		
ULR No	TC104162200001887-B1888F		

Client Name & Address	: The Managing Trustee,
Contact No / Email.ID	Soundararaja Vidyalaya, Natham Road, Dindigul. 9655266846
Sample Name	: Water
Sample Description	: Reverse Osmosis
Sample Submitted by	: Customer
Location & Date	: Soundararaja Vidyalaya, Natham Road, Dindigul.& 14/07/2022
Quantity of sample Received	: 2 Litre
Sample Container	: Plastic – Good condition
Sample Condition on Receipt	: Good
Sample Received On	: 14/07/2022
Test Commenced on	: 15/07/2022
Test Completed on	: 20/07/2022
Environmental Condition	: 26.8°C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25° C	IS 3025 Part 11-1983	-	6.50	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21-20009	mg/L	14	200	600
3	Total Alkalinity as CaCO <sub>3</sub>	IS 3025-Part 23-1986	mg/L	08	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	14	250	1000
5	Sulphate as SO <sub>4</sub>	IS 3025-Part 24-1986	mg/L	<2.0	200	400
6	Nitrate as NO <sub>3</sub>	APHA 23rd Edition 2017- 4500 –NO3 B	mg/L	<2.0	45	45
7	Fluoride as F	APHA 23rd Edition 2017 – 4500- F-D	mg/L	<0.1	1.0	1.5

End of report

R. Amsapriya  
21/07/22

Authorised Signatory  
R. Amsapriya - Assistant Engineer

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.

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S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
8	Appearance	Physical observation	--	Clear	-	-
9	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
10	Odour	IS 3025 Part 5 : 1983	--	None	-	-
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	< 1.0	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 – 2540 C	mg/L	43	500	2000
13	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	79	-	-
14	P - Alkalinity	IS 3025–Part 23-1983	mg/L	0	-	-
15	Calcium as Ca	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	04	75	200
16	Magnesium as Mg	APHA 23rd Edition 2017– 3500 Mg B	mg/L	01	30	100
17	Iron as Fe	APHA 23rd Edition 2017– 3500 Fe B	mg/L	< 0.1	0.3	1
18	Ammonia as NH <sub>3</sub>	APHA 17th Edition-1989– 4500 NH <sub>3</sub> C	mg/L	0	0.5	0.5
19	Nitrite as NO <sub>2</sub>	APHA 23rd Edition 2017– 4500-NO <sub>2</sub> B	mg/L	0	-	-
20	Total Phosphate as PO <sub>4</sub>	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0	-	-
21	Tidys 4 hr. test	APHA 23rd Edition 2017 – 4500 O - B	mg/L	0	-	-
22	Residual Chlorine	IS 3025 Part 26 : 1983	mg/L	0	0.2	1
<b>Bacteriological Test</b>						
23	Feecal coliform	APHA /IS	CFU/ 100ml	0	0/100 ml	0/100 ml

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

  
21/07/22

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