



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
Vadamadurai Cauvery Water Pump House Campus, Vadamadurai, Dindigul-624802.

E-mail: wtldgl17@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2024/ 2709-B2710	Report Issue Date :	21.08.2024	Page No:02 of 02
Invoice Details:	832/Dt.16.08.2024 Amt.Rs.1652 /-			

Client Name & Address	:	Soundararaja Vidyalaya,
Contact No / Email.ID	:	Natham Road, Dindigul – 624003. 9942799005
Sample Name	:	Water
Sample Number	:	2709 – B2710
Sample Description	:	Reverse Osmosis Water
Sample Submitted by	:	Customer
Location & Date	:	Soundararaja Vidhalaya School, Dindigul & 16.08.2024
Quantity of sample Received	:	2 Litre
Sample Container	:	Jerry Cane
Sample Condition on Receipt	:	Good
Sample Received On	:	16.08.2024
Test Commenced on	:	17.08.2024
Test Completed on	:	21.08.2024
Environmental Condition	:	23.0°C – 27.0°C

S. No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012(RA:2019)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
PHYSICAL & CHEMICAL EXAMINATION :						
1	Appearance	Visual observation	--	Clear	Clear	Clear
2	Colour	APHA 23 rd Edition 2017 4500 H+ B	Hazen	5	1	5
3	Odour	IS 3025 Part 5 : 1983	--	Agreeable	Agreeable	Agreeable
4	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	< 0.5	1	5
5	Total Dissolved Solids	APHA 23rd Edition 2017 – 2540 C	mg/L	57	500	2000
6	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	103	-	-
7	Iron as Fe	APHA 23rd Edition 2017– 3500 Fe B	mg/L	< 0.1	0.3	1
8	Residual Chlorine	IS/APHA	mg/L	0	0.2	1.0
BACTERIOLOGICAL EXAMINATION :						
9	Fecal Coliform	IS/APHA	CFU/100ML	0	0	0

Remark: The tested sample conformed to IS:10500:2012(RA:2019)Drinking water specification with respect to above tested parameters.

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


21/08/24

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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Invoice Details:	832/Dt.16.08.2024 Amt.Rs.1652 /-	ULR No	TC104162300000275F	

Client Name & Address	: Soundararaja Vidyalaya,
Contact No / Email.ID	Natham Road, Dindigul – 624003. 9942799005
Sample Name	: Water
Sample Number	: 2709
Sample Description	: Reverse Osmosis Water
Sample Submitted by	: Customer
Location & Date	: Soundararaja Vidhalaya School, Dindigul & 16.08.2024
Quantity of sample Received	: 2 Litre
Sample Container	: Jerry Cane
Sample Condition on Receipt	: Good
Sample Received On	: 16.08.2024
Test Commenced on	: 17.08.2024
Test Completed on	: 21.08.2024
Environmental Condition	: 23.0°C – 27.0°C

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25 ⁰ C	-	IS 3025 Part 11-1983	6.76	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	mg/L	IS 3025 Part 21-2009	19	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025-Part 23-1986	6	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32-1988	16	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025-Part 24-1986	< 5.0	200	400
6	Nitrate as NO ₃	mg/L	APHA 23rd Edition 2017- 4500 -NO3 B	< 2.0	45	45
7	Fluoride as F	mg/L	APHA 23rd Edition 2017 – 4500- F-D	1.2	1.0	1.5

Remark: The tested sample conformed to IS:10500:2012(RA:2019)Drinking water specification with respect to above tested parameters.

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