



# TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

## DISTRICT WATER TESTING LABORATORY

No.34, 1<sup>st</sup> Cross, Mohan Rao Colony,  
Krishnagiri - 635001.

Phone: 04343-233356

E-mail:jwakrishnagiri@gmail.com

### TEST REPORT

Doc.No: DWTL/FORM/7.8/01


Report No:	TR/2023/ 47545-1	Report Issue Date :	29.06.2024	Page No : 01 of 01
Invoice Details:	1699/Dt27.06.2024	ULR No	TC103252300047545F	

Client Name & Address : Nimai Public School,  
Contact No / Email.ID : Onnalvadi Village,  
Rayakottai road,  
Hosur.

Sample Name	: Water
Sample Number	: 47545
Sample Description	: RO Water
Sample Submitted by	: Nimai Public School
Location & Date	: Nimai Public School & 27.06.2024
Quantity of sample Received	: 2L
Sample Container	: Plastic - Good
Sample Condition on Receipt	: Good
Sample Received On	: 27.06.2024
Test Commenced on	: 27.06.2024
Test Completed on	: 28.06.2024
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 <sup>o</sup> C	-	IS 3025 Part 11-1983	6.84	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO <sub>3</sub>	mg/L	IS 3025 Part 21-2009	40	200	600
3	Total Alkalinity as CaCO <sub>3</sub>	mg/L	IS 3025-Part 23-1986	64	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32-1988	32	250	1000
5	Sulphate as SO <sub>4</sub>	mg/L	IS 3025-Part 24-1986	4	200	400
6	Nitrate as NO <sub>3</sub>	mg/L	APHA 23rd Edition 2017- 4500 -NO3 B	2	45	45
7	Fluoride as F	mg/L	APHA 23rd Edition 2017 - 4500- F-D	0.4	1.0	1.5

Note : The above given sample is confirmed to the drinking water specification as per IS10500:2012.

  
Authorised Signatory  
Junior Water Analyst  
DWTL Krishnagiri

#### 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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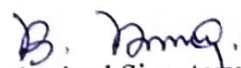
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S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
8	Appearance	Physical observation	--	Clear	Clear	Clear
9	Colour	Physical observation	--	Colourless	Colourless	Colourless
10	Odour	IS 3025 part 5 : 1983	--	Agreeable	Agreeable	Agreeable
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0.1	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	122	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	174	-	-
14	P - Alkalinity	IS 3025-part 23-1983	mg/L	-	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	10	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	4	30	100
17	Iron	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.00	0.3	1.0
18	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	-	0.1	0.3
19	Ammonia	APHA 17th Edition- 1989- 4500 NH3C	mg/L	0	0.5	0.5
20	Nitrite as NO2	APHA 23rd Edition 2017- 4500 -NO2 B	mg/L	-	-	-
21	Total Phosphate as PO4	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
22	Tidy's	APHA 23rd Edition 2017 - 4500 O - B	mg/L	-	-	-
23	Residual Chlorine	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0	0.2	1.0
23	Fecal Coli form CFU/100	IS/APHA	mg/L	0	0	0
24	Total Coli form CFU/100ML	IS/APHA	mg/L	0	0	0

**Note :** The above given sample is confirmed to the drinking water specification as per IS10500:2012 with respect to above tested parameters.

  
 Authorised Signatory  
 Junior Water Analyst  
 DWTL Krishnagiri

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