



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District Level Water Testing Laboratory

TWAD Board. No. 6/24, Lalbhagadur Sasthiri St, Periakuppam, Thiruvallur - 602 001

Ph: 044-27663937

TEST REPORT

ReportNo:	TRL/2024/ 29627 - 1	Report Issue Date :	05.07.2024	
Invoice Details:	15381Dt 04.07.2024 Amount:1180/-		Page 1 of 1	

Client Name & Address	: Marian School of Excellence
Contact No / Email.ID	No.199.Palavedu Main Road, IAF Avadi, Chennai- 600055.
Sample Name	: Water
Sample Number	: 29627 - 1
Sample Description	: RO
Sample Submitted by	; Mr. Geo francis girish
Location & Date	: Marian School of Excellence - Campus& 03.07.2024
Quantity of sample Received	: 2 Litre
Sample Container	: Jerry Cane
Sample Condition on Receipt	: Good
Sample Received On	: 03.07.2024
Test Commenced on	: 03.07.2024
Test Completed on	: 04.07.2024
Environmental Condition	: 27.6°C – 27.9°C

S.No Parameter			Unit	Result	Specification as per IS 10500 : 2012	
	· Parameters	Test Method			Acceptab le Limit	Permissible Limit in the absence of alternate source
1	Appearance	Visual observation		Clear	Clear	Clear
2	Odour .	IS 3025 Part 5 : 1983	220	Agreeable	Agreeable	Agreeable
3	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0.0	1	5
4	Total Dissolved Solids	APHA 23rd Edition 2017 – 2540 C	mg/L	50	500	2000
5	Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	72	-	
6	P - Alkalinity	IS 3025–Part 23-1983	mg/L	-		-
7	Calcium as Ca	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	2	75	200
8	Magnesium as Mg	APHA 23rd Edition 2017– 3500 Mg B	mg/L	1	30	100
9	Iron as Fe	APHA 23rd Edition 2017– 3500 Fe B	mg/L	0.0	0.3	1
10	Manganese as Mn	APHA 23rd Edition 2017 – 3500 Mn B	mg/L	:-	0.1	0.3
11	Ammonia as NH ₃	APHA 17th Edition-1989- 4500 NH3C	mg/L	0.0	0.5	0.5
12	'Nitrite as NO ₂	APHA 23rd Edition 2017– 4500-NO2 B	mg/L	0.00	-	\-
13	Total Phosphate as PO ₄	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0.00	-	
14	Tidys 4 hr. test	APHA 23rd Edition 2017 – 4500 O - B	mg/L	0.0	-	
15	Residual Chlorine	IS/APHA	mg/L	0.0	0.0	1.0
BACTER	IOLOGICAL EXAMINA	ΠΟΝ	•			
16	Fecal Coliform	IS/APHA	CFU/ 100ML	0	0	0

Remark: The given water sample is chemically potable.

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

Authorised Signatory

QUALITY MANAGER District Water Testing Laboratory

4. The result applied to the sample as received basis.

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.

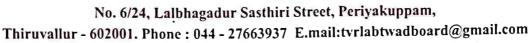
3. Unless informed by customer, the test items will not be retained for more than 15 days from the date of issue of the test report.

4. The result applied to the sample as received basis.



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY





TEST REPORT

Report No:	TRL/2024/ 29627 - 1	Report Issue Date:	05.07.2024	Page No : 01 of 01
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	Amount:1180/-	CEICIG	1010572200000	

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Contact No / Email.ID		No.199.Palavedu Main Road, IAF Avadi, Chennai -600 055.
Sample Name	1:	Water
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		C C

	Parameters U				Specification as per IS 10500:2012(RA:2019)		
S.No		Unit	Test Method	Result	Acceptable Limit	Permissible Limit in the absence of alternate source	
1	рН @ 25 ⁰ С		IS 3025 Part 11-1983	6.97	6.5-8.5	6.5-8.5	
2	Total Hardness as CaCO;	mg/L	IS 3025 Part 21-2009	12	200	600	
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025-Part 23-1986	24	200	600	
4	Chloride as Cl	mg/L	IS 3025-Part 32-1988	8	250	1000	
5	Sulphate as SO4	mg/L	IŠ 3025-Part 24-1986	4	200	400	
6	Nitrate as NO ₃	mg/L	APHA 23rd Edition 2017– 4500 –NO3 B	0	45	45	
7	Fluoride as F	mg/L	APHA 23rd Edition 2017 – 4500- F-D	0.0	1.0	1.5	

Remark: The tested sample conformed to IS:10500:2012(RA: 2019) drinking water specification with respect to above tested parameters. The Decision rule is applicable.

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

Authorised Signatory QUALITY MANAGER District Water Testing Laboratory TWAD Board, RWS Division

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- 4. The result applied to the sample as received basis.