



**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY**

TWAD Board, IB Campus, Collectorate-Post, Oddapatty,

Dharmapuri-636705. Phone: 04342-231533.



TC - 15999

TEST REPORT

Doc. No: DWTL/FORM/7.8/01

Report No.	DPI/202606/024	Report Issue Date	25.06.2026	Page No: 01 of 01
Invoice Details	1978/ dt: 23.06.2026	ULR. No.	TC-15999260000000-24F	

Client Name & Address Contact No./Email.ID		:	Sriram Public School (CBSE), Affiliation no : 1931017, Boomisamuthiram(vill), Kambainallur (Po), Karimangalam (Tk),Dharmapuri (Dt)635202.			
Sample Name		:	Water			
Sample/Lab No.		:	DPI/202606/024			
Sample Description		:	BW			
Location & Date		:	Sriram Public School (CBSE),, & 23.06.2026			
Sample Container		:	Plastic – Good			
Quantity of sample Received		:	2 lit	Sample Condition on Receipt	:	Good
Sample Received on		:	23.06.2026	Environmental Condition / Humidity %	:	24 °C / 50%
Test Commenced on		:	24.06.2026	Test Completed on	:	24.06.2026
S. No	Parameters	Test Method	Unit	Result		Specification as per IS 10500:2012(RA:2023)
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Colour	IS3025:Part4: 2021	Hazen	3	5	15
2	Odour	IS3025:Part5: 2018	--	Agreeable	Agreeable	Agreeable
3	Taste	IS3025:Part8: 2023	--	Agreeable	Agreeable	Agreeable
4	Turbidity	IS3025:Part10: 2023	NTU	0.4	1	5
5	pH@25°C	IS3025: Part11: 2022	--	7.23	6.5-8.5	No Relaxation
6	Total Dissolved Solids	IS3025:Part16: 2023	mg/L	1820	500	2000
7	Total Alkalinity as CaCO ₃	IS3025: Part23: 2023	mg/L	368	200	600
8	Total Hardness as CaCO ₃	IS3025: Part21: 2009(RA2023)	mg/L	640	200	600
9	Calcium as Ca	IS3025:Part40: 2024	mg/L	128	75	200
10	Magnesium as Mg	IS3025:Part46: 2023	mg/L	78	30	100
11	Chloride as Cl	IS3025:Part32: 1988(RA 2019)	mg/L	405	250	1000
12	Nitrate as NO ₃	APHA 24th Edition - 4500- NO3 Method B (UV Screening Method): 2023	mg/L	39	45	No Relaxation
13	Fluoride as F	APHA 24th Edition -4500-F Method D (SPADNS Method): 2023	mg/L	2.5	1.0	1.5
14	Sulphate as SO ₄	APHA 24th Edition -4500-SO4 Method E (Turbidimetric Method): 2023	mg/L	198	200	400

Remark: The sample does not conform to IS:10500:2012(RA:2023) Drinking Water Acceptable Limit / Permissible Limit specification with respect to above tested parameters.(Total Hardness, Fluoride)

Reviewed & Authorized by
B.Suresh - Junior Water Analyst
DWTL Dharmapuri.
Junior Water Analyst
TWAD BOARD,
District Water Testing Laboratory,
Krishnagiri.

- The test results relate only to the items tested.
- The test report shall not be reproduced any where except in full and in the same format without the permission of the laboratory.
- The test items will not be retained for more than 15 days from the date of issue of the test report.
- The result applied to the sample as received basis.
- BDL: Below Detection Limit; DL: Detection Limit; NT: Not Tested (Bacteriologically unsafe)

.....End of the Report.....

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S. No	Parameters	Test Method	Unit	Result		Specification as per IS 10500:2012(RA:2023)
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	P. Alkalinity as CaCO ₃	IS3025:Part23: 2023	mg/L	Zero	--	--
2	Sodium as Na	IS3025(Part45) : 1993	mg/L	--	--	--
3	Potassium as K	IS3025(Part45) : 1993	mg/L	--	--	--
4	Manganese as Mn	IS3025(Part59) : 2023	mg/L	--	0.1	0.3
5	Ammonia as NH ₃ -N	IS3025(Part34) : 2019	mg/L	0.3	0.5	No relaxation
6	Nitrite as NO ₂	IS3025(Part34/Sec-1) :2023	mg/L	--	--	--
7	Iron	APHA 23rd Edition 2017-3500 Fe B	mg/L	0.03	0.3	1.0
8	Phosphate as PO ₄	IS3025(Part31/Sec-1) :2022	mg/L	0.0	0.0	0.0
9	Residual Chlorine	APHA 22 nd Edition (2012) 4500 -Cl.B	mg/L	0.0	0.2	1.0
Bacteriological Test						
1.	Total Coliform	IS 15185: 2016 (RA: 2021)	CFU	Absence /	Absence / 100 mL	
2.	E.Coli	IS 15185: 2016 - Reaffirmed 2021	CFU	Absence /	Absence / 100 mL	

Remark: The Tested sample conform to IS:10500:2012(RA:2023) Drinking Water Acceptable Limit / Permissible Limit specification with respect to above tested parameters ,NH₃,PO₄

Remark: The Tested sample conform to IS:10500:2012(RA:2023) Drinking Water Acceptable Limit / Permissible Limit specification-with respect to above tested parameters of Bacteriological .

Note:

- The test results relate only to the items tested.
- The test report shall not be reproduced any where except in full and in the same format with out the permission of the Laboratory.
- The test items will not be retained for more than 15 days from the date of issue of the test report.
- The result applied to the sample as received basis.
- P. Alkalinity is Zero when pH of water sample is less than 8.30.
- BDL: Below Detection Limit ; DL : Detection Limit.

Reviewed & Authorized by
B.Suresh - Junior Water Analyst
DWTL Dharmapuri.

Junior Water Analyst
TWAD BOARD,
District Water Testing Laboratory,
Krishnagiri.

.....End of the Report.....

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