



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
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TC - 16337

TEST REPORT

Doc. No: DWTL/FORM/7.8/01

Report No.	TR/2026/67878A	Report Issue Date	25.09.2026	Page No: 01 of 02
Invoice Details	11854/ dt:23.09.2026	ULR. No.	TC163372600000000878AF	

Client Name & Address Contact No./Email.ID	:	The Correspondent, Dayanada Saraswathi Global School, Dayananda Nagar, Kurusilapattu Village. and Post. Tirupattur.		
Sample Submitted by	:	Saravanan.C.		
Sample Location	:	School In Side		
Sample Description	:	Clear Colorless Liquid		
Sample Name	:	Water	Sample Source	: Bore Well
Sample/Lab No.	:	2026/67878A	Sample Container	: Plastic – Good
Quantity of sample Received	:	2 lit	Sample Condition	: Good
Sample Received on	:	23.09.2026	Temperature / Humidity %	: 25°C / 50%
Test Commenced on	:	23.09.2026	Test Completed on	: 25.09.2026

S. No	Parameters	Test Method	Unit	Result (2026/67878 A)	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Colour	IS3025:Part4: 2021	Hazen	<1	5	15
2	Odour	IS3025:Part5: 2018	--	Agreeable	Agreeable	Agreeable
3	Taste	IS3025:Part8: 2023	--	Agreeable	Agreeable	Agreeable
4	Turbidity	IS3025:Part10: 2023	NTU	<0.5	1	5
5	pH@25°C	IS3025: Part11: 2022	--	7.11	6.5-8.5	No Relaxation
6	Total Dissolved Solids	IS3025:Part16: 2023	mg/L	95	500	2000
7	Total Alkalinity as CaCO ₃	IS3025: Part23: 2023	mg/L	24	200	600
8	Total Hardness as CaCO ₃	IS3025: Part21:2009 (RA:2023)	mg/L	52	200	600
9	Calcium as Ca	IS3025:Part40: 2024	mg/L	10	75	200
10	Magnesium as Mg	IS3025:Part46: 2023	mg/L	6	30	100
11	Chloride as Cl	IS3025:Part32: 1988(RA:2019)	mg/L	21	250	1000
12	Nitrate as NO ₃	APHA 24 th Edn – 4500 – NO ₃ – B – 2023 (Screening Method)	mg/L	<0.2	45	No Relaxation
13	Fluoride as F	APHA 24 th Edn – 4500 – F – D – 2023 (Spadns Method)	mg/L	<0.2	1.0	1.5
14	Sulphate as SO ₄	APHA 24 th Edn – 4500 – SO ₄ – E – 2023 (Turbidimetric Method)	mg/L	12	200	400

Remark: The sample is conform to IS: 10500:2012(RA:2023) Drinking Water Acceptable Limit / Permissible Limit specification with respect to above tested parameters of Physical & Chemical.

The test results relate only to the items tested.

The result applied to the sample as received basis.

The test items will not be retained for more than 15 days from the date of issue of the test report

BDL: Below Detection Limit; DL: Detection Limit; NT: Not Tested (Bacteriologically unsafe)

The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.

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

(Signature)
 Authorized Signatory
M.S. NARENDIRAN, M.Sc
 Junior Water Analyst
 DWTL - Vellore

Issue No./Date	01/10.01.2021	Amend. No./Date	01/02.01.2026	Page No.	1 of 2
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Report No.	TR/2026/67878A	Report Issue Date	25.09.2026	Page No: 02 of 02
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S. No	Parameters	Test Method	Unit	Result (2026/67878 A)	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	Manganese as Mn	IS3025(Part59) : 2023	mg/L	0.0	0.1	0.3
3	Ammonia as NH ₃ -N	IS3025(Part34) : 2019	mg/L	0.0	0.5	No relaxation
4	Nitrite as NO ₂	IS3025(Part34/Sec-1) :2023	mg/L	0.0	—	—
5	Iron	APHA 23rd Edition 2017-3500 Fe B	mg/L	0.0	0.3	1.0
6	Phosphate as PO ₄	IS3025(Part31/Sec-1) :2022	mg/L	0.0	0.0	0.0
7	Residual Chlorine	IS/APHA	mg/L	0.0	0.2	1.0

Bacteriological Test

1	Total Coliform	IS 15185: 2016 (RA: 2021)	CFU	Absence	Absence / 100 mL
2	Fecal Coliform	IS 15185: 2016 (RA: 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 of Chemical.
- 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.

The test results relate only to the items tested.

The result applied to the sample as received basis.

The test items will not be retained for more than 15 days from the date of issue of the test report

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Authorized Signatory
M.S. NARENDIRAN, M.Sc
Junior Water Analyst
DWTL - Vellore

Issue No./Date	01/10.01.2021	Amend. No./Date	01/02.01.2026	Page No.	2 of 2
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