



Scientific Food Testing Services Private Limited

S.No.25/3, D.No.8/6, Vellalar Street, Ayanambakkam, Chennai - 600 095.
Ph : +91-44-29567147 | Email : info@sftslab.com | customercare@sftslab.com | www.sftslab.com



TC - 9951

TEST REPORT

ULR No: **T C 9 9 5 1 2 6 0 0 0 0 0 4 8 5 7 F**

Date : 21.07.2026

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Report No: NR/260004857

CUSTOMER DETAILS

Customer Name & Address : M/s. TSUS – The Shri Ram Universal School
No:1, New Farrance Road,
Buckingham Carnatic Mills, Perambur,
Chennai, Greater Chennai,
Tamil Nadu – 600 012.

Customer Reference : Test Request dated 13.07.2026

SAMPLE DETAILS

Sample Code	: 26000005540	Sampled by	: Laboratory
Sample Name	: Drinking water	Sampled on	: 13.07.2026
Sample Description	: RO water	Sampling Location	: Tap water – Stainless Steel Tank
Identification by Customer	: --	Sampling Procedure	: SFTS/QAD/SOP/012
Sample Condition	: Good	Sample Received on	: 13.07.2026
Test Started on	: 13.07.2026	Test Completed on	: 17.07.2026
Tested In	Permanent Facility		

TEST RESULTS

I. Chemical Testing:

1. Water

Sl. No.	Test Parameter	Test Method	Results	Unit	Requirements as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	Colour (True colour units)	IS 3025 (Part 4): 2021 [Platinum cobalt (visual - comparison) method]	1.0	Hazen	Max 5	Max 15
2	Odour	IS 3025 (Part 5): 2018	Agreeable	--	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 2023	BLQ(LOQ:0.5)	NTU	Max 1.0	Max 5.0
4	Total Dissolved Solids	IS 3025 (Part 16): 2023	36.4	mg/L	Max 500	Max 2000
5	pH @25°C	IS 3025 (Part 11): 2022	6.63	--	6.50 - 8.50	No Relaxation
6	Conductivity @ 25°C	IS 3025 (Part 14): 2013	60.9	µS/cm	--	--
7	Nitrate as NO ₃	APHA 24 th Edn– 4500 NO ₃ B: 2023	1.80	mg/L	Max 45	No Relaxation
8	Fluoride as F	APHA 24 th Edn -4500 F-D: 2023	BLQ(LOQ:0.1)	mg/L	Max 1.0	Max 1.5
9	Chloride as Cl	IS 3025 (Part 32):1988 Argentometric method	13.6	mg/L	Max 250	Max 1000
10	Sulphate as SO ₄	IS 3025 (Part 24 Sec 1):2022 Turbidity method	7.35	mg/L	Max 200	Max 400



P. Prabhu

P. PRABHU

Manager - Food & Water
Authorised Signatory - Chemical

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- The Laboratory's responsibility under this report is limited to proven wilful negligence.
- The test item will not be retained for more than 7 days (perishable items will not be retained) from the date of test report unless specifically requested by customer (or) incase as required by applicable regulation (eg: For FSSAI 30 Days).

Sl.No.SFTS/NTR/2610631



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Date : 21.07.2026

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Report No: NR/260004857

TEST RESULTS

Sl. No.	Test Parameter	Test Method	Results	Unit	Requirements as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the Absence of Alternate Source
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 2023	10.1	mg/L	Max 200	Max 600
12	Calcium as Ca	IS 3025 (Part 40): 2024 EDTA Titrimetric method	2.38	mg/L	Max 75	Max 200
13	Magnesium as Mg	IS 3025 (Part 46): 2023 Volumetric method using EDTA	1.44	mg/L	Max 30	Max 100
14	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	11.9	mg/L	Max 200	Max 600
15	Residual Free Chlorine	IS 3025 (Part 26): 2021 (Colorimetric method using DPD)	BLQ(LOQ:0.02)	mg/L	Min 0.2	Min 1.0
16	Iron as Fe	IS 3025 Part 53: 2023	BLQ(LOQ:0.048)	mg/L	Max 0.3	No Relaxation

II. Biological Testing: 1. Water

Sl. No.	Test Parameter	Test Method	Results	Unit	Requirements as per IS 10500 : 2012
1	<i>Escherichia coli</i>	IS 1622 - 1981	<2	MPN/100mL	Shall not be detectable in any 100 ml sample
2	Total Coliforms	IS 1622 - 1981	<2	MPN/100mL	

Note: BLQ: Below Limit of Quantification, LOQ: Limit of Quantification, <2 MPN/100mL can be considered as Absent.

Remarks: The above mentioned sample complies to the requirements as per IS 10500:2012 with respect to above tested parameters only.

End of Report

P. PRASHU
Manager - Food & Water
Authorised Signatory - Chemical

J. KISHORE
Senior Executive- Microbiology
Authorised Signatory - Biological

B. JOSHUA
Deputy Manager - Instrumentation
Authorised Signatory - Chemical



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SI.No.SFTS/NTR/2610630



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TC - 9951

TEST REPORT

ULR No: T C 9 9 5 1 2 6 0 0 0 0 0 4 8 5 8 F

Date : 21.07.2026

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Report No: NR/260004858

CUSTOMER DETAILS

Customer Name & Address : M/s. TSUS – The Shri Ram Universal School
No:1, New Farrance Road,
Buckingham Carnatic Mills, Perambur,
Chennai, Greater Chennai,
Tamil Nadu – 600 012.

Customer Reference : Test Request dated 13.07.2026

SAMPLE DETAILS

Sample Code	: 26000005541	Sampled by	: Laboratory
Sample Name	: Raw water	Sampled on	: 13.07.2026
Sample Description	: Ground water	Sampling Location	: Valve – Sump Room
Identification by Customer	: --	Sampling Procedure	: SFTS/QAD/SOP/012
Sample Condition	: Good	Sample Received on	: 13.07.2026
Test Started on	: 13.07.2026	Test Completed on	: 20.07.2026
Tested In	Permanent Facility		

TEST RESULTS

I. Chemical Testing:

1. Water

Sl. No.	Test Parameter	Test Method	Results	Unit
1	Colour (True colour units)	IS 3025 (Part 4): 2021 [Platinum cobalt (visual - comparison) method]	1.0	Hazen
2	Odour	IS 3025 (Part 5): 2018	Agreeable	--
3	Turbidity	IS 3025 (Part 10): 2023	BLQ(LOQ:0.5)	NTU
4	Total Dissolved Solids	IS 3025 (Part 16): 2023	488	mg/L
5	pH @25°C	IS 3025 (Part 11): 2022	8.15	--
6	Conductivity @ 25°C	IS 3025 (Part 14): 2013	841	µS/cm
7	Nitrate as NO ₃	APHA 24 th Edn- 4500 NO3 B: 2023	21.1	mg/L
8	Fluoride as F	APHA 24 th Edn -4500 F-D: 2023	0.15	mg/L
9	Chloride as Cl	IS 3025 (Part 32):1988 Argentometric method	124	mg/L
10	Sulphate as SO ₄	IS 3025 (Part 24 Sec 1):2022 Turbidity method	73.9	mg/L
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 2023	164	mg/L
12	Calcium as Ca	IS 3025 (Part 40): 2024 EDTA Titrimetric method	66.7	mg/L
13	Magnesium as Mg	IS 3025 (Part 46): 2023 Volumetric method using EDTA	29.4	mg/L
14	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	287	mg/L
15	Residual Free Chlorine	IS 3025 (Part 26): 2021 (Colorimetric method using DPD)	BLQ(LOQ:0.02)	mg/L



P. PRABHU

Manager - Food & Water

Authorised Signatory - Chemical

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SI.No.SFTS/NTR/2610633



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TEST REPORT

ULR No: T C 9 9 5 1 2 6 0 0 0 0 4 8 5 8 F

Date : 21.07.2026

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Report No: NR/260004858

TEST RESULTS				
Sl. No.	Test Parameter	Test Method	Results	Unit
16	Iron as Fe	IS 3025 Part 53: 2023	BLQ(LOQ:0.048)	mg/L
II. Biological Testing:				
1. Water				
Sl. No.	Test Parameter	Test Method	Results	Unit
1	Escherichia coli	IS 1622 - 1981	<2	MPN/100mL
2	Total Coliforms	IS 1622 - 1981	30	MPN/100mL

Note: BLQ: Below Limit of Quantification, LOQ: Limit of Quantification, <2 MPN/100mL can be considered as Absent.

End of Report

J.KISHORE

Senior Executive- Microbiology
Authorised Signatory - Biological



B. JOSHUVA

Deputy Manager - Instrumentation
Authorised Signatory - Chemical

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SI.No.SFTS/NTR/2610632