

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
 No.10, Thirumalai Nagar, Subburayulu Nagar Extension,
 Thirupathiripuliyur, Cuddalore - 607 001.



E-mail : jvacudlab@gmail.com

Doc.No: DWTL/FORM/7.8/01

TEST REPORT

Report No:	TR/2026/199	Report Issue Date :	09.09.2026	Page No : 01 of 02
Invoice Details:	794/Dt.02.09.2026 Amt.Rs.1652/-	ULR No :	TC1441926000000732F	
Client Name & Address Contact No. / Email.ID		The Principal Mahatma Gandhi International School, Singrigudi, Cuddalore.		
Sample		Water - R.O.		
Sample Number		199		
Sample Description*		Mahatma Gandhi International School,		
Sample Submitted by		Mr. Balamurugan		
Location & Date		Singrigudi, Cuddalore & 02.09.2026		
Quantity of sample Received		2 Litre		
Sample Container		Jerry Cane		
Sample Condition on Receipt		Good		
Sample Received On		02.09.2026		
Test Commenced on		02.09.2026		
Test Completed on		08.09.2026		
Environmental Condition Temperature		25.0°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°C	-	IS 3025 Part :11:2022	5.98	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	mg/L	IS 3025 (Part 21):2019	32.00	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025-Part:23:2023	15.20	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32:2019	6.00	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025-Part 24 Sec 1:2022	<5	200	400
6	Nitrate as NO ₃	mg/L	APHA 24th Edition 4500-NO ₃ B:2023	8.12	45	45
7	Fluoride as F	mg/L	APHA 24th Edition 4500-F-D:2023	<0.2	1	1.5

Remark: The water sample **does not** meet the requirement of IS: 10500:2012 (RA: 2023) with respect to above tested parameters.

S. Suseela
Chemist

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

K. Ananthi
 Quality Manager
 (Authorised Signatory)
K. Ananthi

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. The test items will be retained for 15 days from the date of issue of the test report.
4. The result applied to the sample as received basis.
5. * Information is provided by the Customer Laboratory has not responsible for the sampling stage.

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

No.10, Thirumalai Nagar, Subburayulu Nagar Extension,

Thirupathiripuliyur, Cuddalore - 607 001.

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Invoice Details:		794/Dt.02.09.2026 Amt.Rs.1652/-					
S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012		
					Acceptable Limit	Permissible Limit in the absence of alternate source	
1	Appearance	Visual observation	--	Clear	Clear	Clear	
2	Colour	IS 3025: Part 4: 2021	Hazen	<2.0	5	15	
3	Odour	IS 3025: Part 5: 2018	--	Agreeable	Agreeable	Agreeable	
4	Turbidity	IS 3025: Part 10: 2023	NTU	<0.5	1	5	
5	Total Dissolved Solids	IS 3025: Part 16: 2023	mg/L	120	500	2000	
6	Conductivity	APHA 24th Edition – 2023-2510 B	µS/cm	661	-	-	
7	P - Alkalinity	IS 3025: Part 23:2023	mg/L	NIL	-	-	
8	Calcium as Ca	IS 3025: Part 40: 2024	mg/L	9.62	75	200	
9	Magnesium as Mg	IS 3025: Part 46: 2023	mg/L	<5	30	100	
10	Iron as Fe	IS 3025:(part 53):2024	mg/L	0.1	0.3	1.0	
11	Manganese as Mn	IS3025 (part 59):2023	mg/L	<0.02	0.1	0.3	
12	Ammonia as NH3	IS3025 (part 34/Sec-I):2023	mg/L	<0.1	0.5	0.5	
13	Nitrite as NO2	IS3025 (part 34/Sec-I):2023	mg/L	<0.1	-	-	
14	Total Phosphate as PO4	IS3025 (part 31/Sec-I):2022	mg/L	<0.1	-	-	
15	Tidys 4 hr. test	APHA 24th Edition 2023 – 4500 O - B	mg/L	0.4	-	-	
BACTERIOLOGICAL EXAMINATION							
16	Fecal Coliform	IS/APHA	CFU/ 100ML	0	0	0	

Remark: The water sample does not meet the requirement of IS: 10500:2012 (RA: 2023) with respect to above tested parameters.

S. Suresh
Chemist

K. Asotter
Junior Water Analyst,
09/09/2026

District Water Testing Laboratory,
Cuddalore.

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