



CHENNAI METROPOLITAN WATER SUPPLY
AND SEWERAGE BOARD
WATER AND WASTE WATER TESTING LABORATORY
QUALITY ASURANCE WING, No.1, NEW AVADI ROAD,
KILPAUK, CHENNAI - 600010.



ULR No : TC14166250000436F		TEST REPORT - DRINKING WATER		Doc.No: CMWSSB/FRM/7.8/01	
Report No:	TR/2025/436-01	Report Issue Date:	11-04-2025	Page No	1 of 3
Challan No:	16	Challan Date:	09-04-2025	Amount (Rs)	2596/-
Client Name & Address & Contact No / Email.ID		Sairam Vidyalaya, No:5, Madipakkam Main Road Madipakkam, Chennai - 600091			
Sample Name	: Water	Sample Description	: Drinking water		
Sample Number	: 436	Sample Container	: Jerry Can		
Sample Submitted by	: Customer	Location & Date	: RO Water-09-04-2025		
Sample Quantity	: 2 Litres	Sample Condition	: Good		
Sample Received On	: 09-04-2025	Environmental Condition	: 23.0°C - 27.0°C		
Test Commenced on	: 09-04-2025	Test Completed on	: 11-04-2025		
S. No	Parameters	Unit	Result	Specification as per IS 10500:2012	
				Acceptable Limit	Permissible Limit
1	Colour	CU	IS 3025: Part 4: 2021	2	5
2	Odour	--	IS 3025: Part 5: 2018	Agreeable	Agreeable
3	Turbidity	NTU	IS 3025: Part 10: 2023	2.0	1
4	pH @ 25°C	--	IS 3025: Part 11: 2022	7.23	6.5 To 8.5
5	Specific Conductance @25°C	µS/cm	IS 3025: Part 14: 2013	130	-
6	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	85	500
7	Total Hardness as CaCO3	mg/L	IS 3025: Part 21: 2009	31	200
8	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	4.0	75
9	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	1.0	30
10	Total Chloride as Cl	mg/L	IS 3025: Part 32: 1988	15	250
Reviewed by Water Analyst M. Sudek 11/04/25					
Authorised Signatory Pavai Kumar-Executive Engineer 11/04/2025					
Note: 1. The test results relate only to the items tested. & The result applied to the sample as received basis. 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.					

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For SAIRAM VIDYALAYA

Chaidarav
CHAIDARAV



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S. No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
11	Total alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	46	200	600
12	Chlorine, Residual	mg/L	IS 3025: Part 26: 2021	<0.2	0.2	1.0
13	Ammonia as N	mg/L	IS 3025: Part 34: 1988	<0.1	0.5	No Relaxation
14	Nitrite as NO ₂	mg/L	IS 3025: Part 34: 1988	0.02	-	-
15	Fluoride as F	mg/L	IS 3025: Part 60: 2008	<0.2	1.0	1.5
16	Sulphate as SO ₄	mg/L	IS 3025: Part 24: Sec 1: 2022	10	200	400
17	Iron as Fe	mg/L	IS 3025: Part 53: 2003	0.1	0.1	No Relaxation

Reviewed by
Water Analyst

Authorised Signatory
Pavai Kumar-Executive Engineer

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Sairam
CHAIRMAN



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				Acceptable Limit	Permissible Limit
1	Albuminoid Nitrogen	mg/L	CMWSSB SOP/001	0.03	-
2	Oxygen Absorbed @ 4 Hrs	mg/L	IS 3025: Part 63: 2007	0.24	-
3	Phosphate as P	mg/L	IS 3025: Part 31: Sec 1: 2022	0.01	-
Remarks: The tested sample is conformed to IS: 10500:2012 (RA: 2019) Drinking water specification with respect to above tested parameters.					
-----End of Test Report-----					
Reviewed by Water Analyst			Authorised Signatory Pavai Kumar-Executive Engineer		
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