



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY

TWAD Board, Siruvani Nagar Campus., 30, Bharathi Park Road,
Coimbatore - 641043.

Phone: 0422 - 2437863

E-mail: twadlabce@gmail.com



TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52010-1	Report Issue Date :	07.07.2025	Page No : 1 of 1
Invoice Details:	9368/Dt.03.07.2025/ Amt.1652/-	ULR No : - NA -		

Client Name & Address	M/s. Nehru International School, Thirumalayam Post, Kaliyapuram,		
Contact No / Email.ID	Coimbatore.		
Sample / Lab No	:	2025/52010	
Sample Name	:	Water - Drinking Water	
Sample Description	:	Clear, Colorless, Liquid	
Sample Source	:	Bore Well (Purifier Water)	
Sample Submitted by	:	Customer	
Location & Date	:	Within the School Premises & 03.07.2025	
Sample Container	:	Plastic – Good Condition	
Quantity of Sample Received	:	2 Litre	Sample Condition on Receipt : Good
Sample Received on	:	03.07.2025	Environmental Condition Temp °C : 23 – 27 °C
Test Commenced on	:	03.07.2025	Test Completed on : 04.07.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	--	IS 3025: Part 11: 2022	7.1	6.5-8.5	No Relaxation
2	Total Hardness as CaCO ₃	mg/L	IS 3025: Part 21: 2009 (RA:2023)	26	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	20	200	600
4	Chloride as Cl	mg/L	IS 3025: Part 32: 1988 (RA:2019)	15	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025: (Part 24/Sec 1): 2022 – Turbidity Method	< 5.0	200	400
6	Nitrate as NO ₃	mg/L	IS 3025: (Part 34/Sec-1): 2023 – Screening Method	12	45	No Relaxation
7	Fluoride as F	mg/L	IS 3025: (Part 60/Sec-1): 2023 - SPADNS Method;	< 0.2	1.0	1.5

---End of Report----

Reviewed and Authorised by
P. Gopalan - Assistant Water Analyst
Assistant Water Analyst
TWAD Board, DWTL Lab,
Coimbatore

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 not be retained for more than 15 days from the date of issue of the test report.
4. The result applied to the sample as received basis.



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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 52010 - 2	Report Issue Date :	07.07.2025	Page No : 1 of 1
Invoice Details:	9368/Dt.03.07.2025/ Amt.1652/-			

Client Name & Address	: M/s. Nehru International School, Thirumalayam Post, Kaliyapuram, Coimbatore.		
Contact No / Email.ID			
Sample / Lab No	: 2025/52010		
Sample Name	: Water - Drinking Water		
Sample Description	: Clear, Colorless, Liquid		
Sample Source	: Bore Well (Purifier Water)		
Sample Submitted by	: Customer		
Location & Date	: Within the School Premises & 03.07.2025		
Sample Container	: Plastic - Good Condition		
Quantity of sample Received	: 2 Litre	Sample Condition on Receipt	: Good
Sample Received On	: 03.07.2025	Environmental Condition Temp °C	: 23 - 27 °C
Test Commenced on	: 03.07.2025	Test Completed on	: 04.07.2025

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025: Part 10: 2023	< 0.5	1	5
2	Total Dissolved Solids	mg/L	IS 3025: Part 16: 2023	74 ✓	500	2000
3	EC @ 25°C	µS/cm	IS 3025: Part 14: 2013	109 ✓	--	--
4	P- Alkalinity as CaCO ₃	mg/L	IS 3025: Part 23: 2023	Nil	--	--
5	Calcium as Ca	mg/L	IS 3025: Part 40: 1991	5	75	200
6	Magnesium as Mg	mg/L	IS 3025: Part 46: 2023	3	30	100
7	Sodium as Na	mg/L	IS 3025: Part 45: 2024	11 ✓	--	--
8	Potassium as K	mg/L	IS 3025: Part 45: 2024	1 ✓	--	--

[Handwritten Signature]
07/07/2025

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Invoice Details:	9368/Dt.03.07.2025/ Amt.1652/-			

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2023)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
9	Iron as Fe mg/L	mg/L	IS 3025 (Part 53) : 2024	< 0.1	0.3	No Relaxation
10	Manganese as Mn	mg/L	IS 3025 (Part 59) : 2023	< 0.1	0.1	0.3
11	Ammonia as NH ₃	mg/L	IS 3025 (Part 34) : 2023	< 0.1	0.5	No relaxation
12	Nitrite as NO ₂	mg/L	IS 3025 (Part 34/Sec-1) : 2023	< 0.01	--	--
13	Phosphate as PO ₄	mg/L	IS 3025 (Part 31/Sec-1) : 2022	< 0.1		
14	Oxygen Observed in 4 hrs.as O ₂ (Tidy's Test)	mg/L	IS 3025 (Part 63) : 2007	0.16	--	--
15	Residual Chlorine	mg/L	IS 3025 (Part 26) : 2007	0	0.2	1.0
Bacteriological Test						
1	Fecal Coliform	CFU / 100 ml	APHA 23 rd Edition 2017 – 2130 B	Absent	Absent/ 100 ml	

Remark: The tested sample confirmed to IS: 10500:2012 (RA: 2023) Drinking Water Specification within the permissible Limit in respect to above tested parameters.

---End of Report----


07/07/2025

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