



-: TEST WATER BEFORE TASTE :-
TAMIL NADU WATER SUPPLY & DRAINAGE BOARD
DISTRICT LEVEL WATER TESTING LABORATORY



TWAD Board, Jaoulinagar, Ramanathapurampudur (Post), Erode-638 005.

TC- 15316

E.mail : jwatwadlaberode@gmail.com

TEST REPORT

Report No :	TR/2026/1632	Report Issue Date:	14.03.2026			
Invoice Details :	9475/ Dt: 10.03.2026	ULR. No :	TC15316260000168F			
Client Name & Address Contact Number and E Mail ID	Grace International School, Grace Nagar, Bhavani - Kavindapadi road, Elavamalai (PO), Erode.					
Sample Name / Source	Drinking Water (RO Water)					
Sample Number	1632					
Sample Description	Clear, Colourless Liquid					
Sample Submitted by	Customer					
Location & Date	In Grace International School campus/ 10.03.2026					
Quantity of sample Received	2 Litre					
Sample Container	Jerry cane					
Sample Condition on Receipt	Good					
Sample Received On	10.03.2026					
Test Commenced on	10.03.2026					
Test Completed on	11.03.2026					
Environmental Condition	25.1 ^o C					
S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012 (RA:2023)	
					Acceptable Limits	Permissible Limit
1	pH@ 25.6 ^o C	IS 3025 part 11-2022	--	7.52	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	IS 3025-part 23-2023	mg/L	17	200	600
3	Total Hardness as CaCO ₃	IS 3025 part 21-2009	mg/L	16	200	600
4	Chloride as Cl	IS 3025-part 32-1988	mg/L	16	250	1000
5	Sulphate as SO ₄	IS 3025-part 24-(sec-1)-2022	mg/L	<5.0	200	400
6	Nitrate as NO ₃	APHA 24 th Edn 2023- 4500 -NO ₃ B	mg/L	2.0	45	45
7	Fluoride as F	APHA 24 th Edn 2023 - 4500- F-D	mg/L	0.70	1	1.5

Remark: The tested sample conformed to IS: 10500:2012 (RA: 2019) Drinking water Acceptable Limit specification with respect to above tested parameters.

K.S. Velmurugan
14/03/2026

Reviewed and authorised by
K.S.Velmurugan – Junior Water Analyst

Note:

- The test results relate only to the items tested.
- The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- 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.
- The Result applied to the sample as Received basis

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

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TEST REPORT

From
Thiru.K.S. Velmurugan, BSc,
Junior Water Analyst,
TWAD Board, DWT Lab,
Erode.

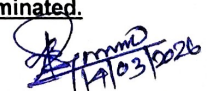
To
Grace International School,
Grace Nagar, Bhavani - Kavindapadi road,
Elavamalai (PO),
Erode.

Sir,
Lr.No: NIL / 2026 Dated:14.03.2026
Sub: Examination of water sample - Report furnished - Reg.
Ref : 1) Your Lr.No: Nil/2026/ Dt 09.03.2026
2) T.O Invoice No.9475/ dt 10.03.2026 for Rs 1652/-

The results of analysis for the water sample sent under reference is furnished below.

Sample No	1632		
Date of Collection	10.03.2026		
Date of Receipt	10.03.2026		
Date of Test Completed	11.03.2026		
Scheme	-		
Source	RO Water		
Location of Sampling	Grace International School campus		
Habitation	Grace Nagar		
Panchayat	Elavamalai		
Union	Bhavani		
Collected by	-		
BIS 10500 : 2012			Result for Water Sample No:
I PHYSICAL EXAMINATION	Acceptable limit	Permissible limit in the absence of alternate source	1699
1 Appearance	--	--	Clear
2 Colour (Pt.Co - scale)	5	15	Colourless
3 Odour	Agreeable	0	Agreeable
4 Turbidity NT units	1	5	0.0
5 Total dissolved solids, mg/L	500	2000	48
6 Electrical conductivity micro mho/cm	--	--	68
II CHEMICAL EXAMINATION			
1 Iron as Fe mg/L	0.3	1	0.00
2 Free residual chlorine mg/L	0.2	1.0	0.0
III BACTERIOLOGICAL EXAMINATION			
1 Fecal coliform (colonies per 100 ml)	0	0	0

REPORT :1632 -The Water is Chemically Potable and Bacteriologically Not Contaminated.


Reviewed and authorised by
K.S.Velmurugan – Junior Water Analyst

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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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