



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Post Office Upstair, Medical College Road,

Asaripallam, Nagercoil – 629201

Phone: 04652 - 238315

E-mail:jwalabngl@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No:	TR/2025/50647	Report Issue Date :	12.05.2025	Page No.01 of 02
Invoice Details:	10912/Dt.06.05.2025/ Rs.1.652/			

Customer Name & Address Contact No / Email.ID	: Bright International School, 11-2-133 C, Kadavankonam, Vellachiparai Post – 629 152, Kanyakumari District
Sample Name	: Water
Sample Description	: Drinking Water (R O water)
Sample Submitted by	: Bright International School
Location & Date	: Kadavankonam, Puliyoorsalai
Quantity of sample Received	: 2 Litres
Sample Container	: Jerry Cane
Sample Condition on Receipt	: Good
Sample Received On	: 06.05.2025
Test Commenced on	: 06.05.2025
Test Completed on	: 12.05.2025
Environmental Condition	: 24.5 ⁰ C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH	IS 3025 Part 11-2022	-	7.43	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO3	IS 3025 Part 21-2009 (RA 2019)	mg/L	80	200	600
3	Total Alkalinity	IS 3025-Part 23-2023	mg/L	44	200	600
4	Chloride as Cl	IS 3025-Part 32-1988 (RA 2019)	mg/L	26	250	1000
5	Sulphate as SO4	IS 3025-Part 24-2022(Turbidity Method)	mg/L	4	200	400
6	Nitrate as NO ₃	APHA 24 th Edition 2023– 4500 –NO3 B	mg/L	2	45	45
7	Fluoride as F	APHA 24 th Edition 2023 – 4500- F-D	mg/L	0.2	1.0	1.5

Remarks: The tested sample confirmed to IS: 10500:2012 (RA 2019) Drinking water Acceptable limit specification with respect to above tested parameters.

P. S. S.

Principal

Bright International school
Kadavankonam, Panachamoodu
K.K. District - 629 152

C. Ananthi
12/5/25

C. Ananthi – Assistant Executive Engineer

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 not be retained for more than 15 days from the date of issue of the test report.
4. The Result apply to the sample as Received.

Issue No./Date	01/01.10.2021	Amend. No/ Date	02.01.2024	Page No	1 of 1
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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Asaripallam Medical College Road, Post Office Upstair,
Asaripallam – 629201

Phone: 04652 - 238315

E-mail: jwalabngl@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: TR/2025/50647-50648	Report Issue Date : 12.05.2025
Invoice Details: 10912 / Dt.06.05.2025	

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
8	Appearance	Physical observation	--	Clear	-	-
9	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
10	Odour	IS 3025 Part 5 : 1983	--	None	-	-
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	122	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	185	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	22	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	6	30	100
17	Iron	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.24	0.3	1
18	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.1	0.3
19	Ammonia	APHA 17th Edition-1989- 4500 NH3C	mg/L	0.04	0.5	0.5
20	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.03	-	-
21	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.20	-	-
22	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.28	-	-
23	Residual Chlorine as RC	IS / APHA	mg/L	0	0.2	0.2
24	Feecal Coliform	IS / APHA	CFU / 100 ml	0	0	0

Remarks : The above water sample confirmed to IS 10500-2012 drinking water specification. With respect to above tested parameters, the water is chemically potable and bacteriologically safe.

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

Bibi

Principal

Bright International school
Kadavankonam, Panachamoodu
K.K. District - 629 152

C. Ananthi
12/5/25

C.Ananthi – Assistant Executive Engineer

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TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD

Water Analysis Laboratory, Nagercoil

Ph. : 238315

INVOICE No. 10912

Date : 06.05.2025

To

Bright International School

D 2-133 C, Kadavankoram,

Vellachiparai Post 629152, Kanyakumari District

Your Ref. No. 154747/dt.05.05.2025 for Rs. 1652/- Bank of Baroda,
Parvathipuram

Our Ref. No. 50647-50648 Lab. INGL/2025

Dated : 06.05.2025

Sl. No.	Description	No. of Samples	Rate ₹	Amount ₹
	Towards Analysis Charges for			
1.	Physical & Chemical ✓	1 NO.	1400	1400.00
2.	Bacteriological ✓	18 %	GST	252.00
3.	Construction		Total	1652.00
4.	Partial Tests			
5.	Bleaching Powder			
6.	Education			

(Rupees One thousand six hundred and fifty two only)

Adjusted

J.L. No.

R. No.

Date


12/5/25
ASSISTANT EXECUTIVE ENGINEER
TWAD BOARD
MAINTENANCE SUB DIVISION
NAGERCOIL

JUNIOR WATER ANALYST
(TWAD BOARD, T.K. CIRCLE, 9D.W.T. Lab)
NAGERCOIL.

The Charges for Examination of samples should be paid by Demand Draft drawn in favour of Executive Engineer, TWAD Board, RWS Division, Nagercoil and Payable at Nagercoil.