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/2025/50866	Report Issue Date :	18.06.2025	Page No.01 of 02
Invoice Details:	10961/Dt.13.06.2025/ Rs.1,652/			

Customer Name & Address Contact No / Email.ID	:	The Bharath International School, Koyyanvilai, South Soorankudy Post
Sample Name	:	Water
Sample Description	:	Drinking Water (Panchayat water)
Sample Submitted by	:	The Bharath International School
Location & Date	:	Koyyanvilai
Quantity of sample Received	:	2 Litres
Sample Container	:	Jerry Cane
Sample Condition on Receipt	:	Good
Sample Received On	:	13.06.2025
Test Commenced on	:	13.06.2025
Test Completed on	:	18.06.2025
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	-	6.63	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO3	IS 3025 Part 21-2009 (RA 2019)	mg/L	100	200	600
3	Total Alkalinity	IS 3025–Part 23-2023	mg/L	64	200	600
4	Chloride as Cl	IS 3025-Part 32-1988 (RA 2019)	mg/L	76	250	1000
5	Sulphate as SO4	IS 3025-Part 24-2022(Turbidity Method)	mg/L	7	200	400
6	Nitrate as NO_3	APHA 24th Edition 2023– 4500 –NO3 B	mg/L	<5	45	45
7	Fluoride as F	APHA 24th 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.***

19/6/25

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.

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: TR/2025/50866-50867	Report Issue Date :	18.06.2025
Invoice Details: 10961 / Dt.13.06.2025		

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	224	500	2000
13	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	304	-	-
14	P – Alkalinity	IS 3025–Part 23-1983	mg/L	0	-	-
15	Calcium	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	18	75	200
16	Magnesium	APHA 23rd Edition 2017– 3500 Mg B	mg/L	13	30	100
17	Iron	APHA 23rd Edition 2017– 3500 Fe B	mg/L	0.12	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	0.00	-	-
21	Total Phosphate as PO4	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0.10	-	-
22	Tidys	APHA 23rd Edition 2017 – 4500 O – B	mg/L	0.08	-	-
23	Residual Chlorine as RC	IS / APHA	mg/L	0	0.2	0.2
24	Feacal 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.....

19/6/25

C.Ananthi – Assistant Executive Engineer

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