



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Post Office Upstair, Medical College Road,

Asaripallam, Nagercoil – 629201

Phone: 04652 - 238315

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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No:	TR/2025/50365	Report Issue Date :	25.03.2025	Page No.01 of 02
Invoice Details:	10843/Dt.21.03.2025/ Rs.1,652/-			

Customer Name & Address Contact No / Email.ID	: The Principal, Noble Public School – CBSE, Koottapuli, Kaliakkavilai, Kanyakumari District.
Sample Name	: Water
Sample Description	: Drinking Water (Bore well water)
Sample Submitted by	: The Principal
Location & Date	: Koottapuli
Quantity of sample Received	: 2 Litres
Sample Container	: Jerry Cane
Sample Condition on Receipt	: Good
Sample Received On	: 21.03.2025
Test Commenced on	: 21.03.2025
Test Completed on	: 25.03.2025
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	-	7.19	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-2009 (RA 2019)	mg/L	46	200	600
3	Total Alkalinity	IS 3025-Part 23-2023	mg/L	116	200	600
4	Chloride as Cl	IS 3025-Part 32-1988 (RA 2019)	mg/L	41	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-2022(Turbidity Method)	mg/L	6	200	400
6	Nitrate as NO ₃	APHA 24 th Edition 2023– 4500 –NO ₃ B	mg/L	3	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.

B. Hari Govind
25/3/25

Reviewed & Authorised Signatory
B. Hari Govind – Assistant Executive Engineer



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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: TR/2025/50365-50366

Report Issue Date : 25.03.2025

Invoice Details: 10843/ Dt.21.03.2025

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	267	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	405	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	11	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	4	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	0	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	0.31	0.5	0.5
20	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.07	-	-
21	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.05	-	-
22	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.14	-	-
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.....

H. Hari Govind
25/3/25

Reviewed & Authorised Signatory
B. Hari Govind – Assistant Executive Engineer