



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/2023/47339	Report Issue Date :	27.09.2023	Page No.01 of 01
Invoice Details:	10150/ Dt.22.09.2023			

Customer Name & Address Contact No / Email.ID	: Sree Vivekananda CBSE School, Koottumangalam, Mondaikadu Post – 629 252
Sample Name	: Water
Sample Name	: 47339
Sample Description	: Bore Water – Drinking Purpose
Sample Submitted by	: Sree Vivekananda CBSE School
Location & Date	: Koottumangalam
Quantity of sample Received	: 2 Litres
Sample Container	: PT Cane
Sample Condition on Receipt	: Good
Sample Received On	: 22.09.2023
Test Commenced on	: 22.09.2023
Test Completed on	: 27.09.2023
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 11-1983	-	6.84	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	88	200	600
3	Total Alkalinity	IS 3025-Part 23-1986	mg/L	76	200	600
4	Chloride as Cl ⁻	IS 3025-Part 32-1988	mg/L	50	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	6	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₃ B	mg/L	2	45	45
7	Fluoride as F ⁻	APHA 23rd Edition 2017 – 4500- F-D	mg/L	0.2	1.0	1.5

Remarks : The above water sample confirmed to IS 10500-2012. Drinking water specification with respect to above tested parameters.


Junior Water Analyst,
TWAD Board, D.W.T.Lab,
Nagercoil



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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: TR/2023/47339-47340	Report Issue Date : 27.09.2023
Invoice Details: 10150/ Dt.22.09.2023	

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Acceptable Limit
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	211	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	320	-	-
14	P – Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	26	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	6	30	100
17	Sodium	APHA 23rd Edition 2017 - 3500 Na B	mg/L	22	-	-
18	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	6	-	-
19	Iron	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.12	0.3	1
20	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.1	0.3
21	Ammonia	APHA 17th Edition-1989- 4500 NH3C	mg/L	0.08	0.5	0.5
22	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.01	-	-
23	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.05	-	-
24	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.36	-	-
25	Residual Chlorine as RC	IS / APHA	mg/L	0	0.2	0.2
26	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.....

[Signature]
27/9/23
Junior Water Analyst,
TWAD Board, D.W.T.Lab,
Nagercoil