



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Asaripallam Medical College Road, Post Office Upstair,

Asaripallam – 629201

Phone: 04652 - 238315

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TC-10699

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: 46394-46395	Report Issue Date : 18.04.2023
Invoice Details: 9922/ Dt.11.04.2023	

Customer Name & Address Contact No / Email.ID	: Nanjil Catholic School (CBSE), Vazhuthalam Pallam, Palapallam (Post) 629157.
Sample Name	: Water
Sample Description	: Open Well Water – Drinking Purpose
Sample Submitted by	: Customer
Location & Date	: Vazhuthalampallam
Quantity of sample Received	: 2 Litres
Sample Container	: PT Cane
Sample Condition on Receipt	: Good
Sample Received On	: 11.04.2023
Test Commenced on	: 11.04.2023
Test Completed on	: 18.04.2023
Environmental Condition	: 24.5 ⁰ C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
1	pH	IS 3025 Part 11-1983	-	6.94	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-20009	mg/L	228	200	600
3	Total Alkalinity	IS 3025-Part 23-1986	mg/L	208	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	108	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	7	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

B. Hari Govind 18.4.23

Authorised Signatory
B.Hari Govind - 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. 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.
4. The Result apply to the sample as Received.

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S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
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	481	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	730	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	88	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	21	30	100
17	Sodium	APHA 23rd Edition 2017 - 3500 Na B	mg/L	45	-	-
18	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	12	-	-
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	0.04	-	-
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	0.32	-	-
25	Residual Chlorine as RC	IS / APHA	mg/L	0	0.2	0.2
26	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.

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

[Signature]
18.4.23

Authorised Signatory
B.Hari Govind - Assistant Executive Engineer

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