TEST WATER BEFORE TASTE

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District Level Water Testing Laboratory

TWAD Board, IB Campus, Kancheepuram - 631 502.
Phone : 044 - 27235449

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No : 33299	Report Issue Date :	01-07-2024
Invoice Details:4609/Dt.01/07/2024/Amt.Rs.1180		

Client Name & Address	Valliammai Street, Sri Moogambigai Nagar, Venpakam, Varanavasi-631 604, Kanchipuram District.
Contact No / Email.ID	8903700344
Sample Name	: Drinking Water
Sample Description	: Bore Well
Sample Submitted by	: APN VIDHYASHRAM
Location & Date	: Varanavasi
Quantity of sample Received	: 2 Litre
Sample Container	: Plastic - Good Condition
Sample Condition on Receipt	: Good
Sample Received On	: 01-07-2024
Test Commenced on	: 01-07-2024
Test Completed on	: 01-07-2024
Environmental Condition	: 25.5°C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH	IS 3025 Part 11-2022	-	7.45	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO3	IS 3025 Part 21-2009	mg/L	548	200	600
3	Total Alkalinity	IS 3025–Part 23-1986	mg/L	356	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	164	250	1000
5	Sulphate as SO4	IS 3025-(Part 24/Sec-1) 2022	mg/L	216	200	400
6	Nitrate as NO_3	APHA 23rd Edition 2017– 4500 - NO3 B	mg/L	11	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	0.40	0.1	1.5

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

Remarks: The above sample confirmed to the IS:10500:2012 Drinking water specification for the aboved tested parameters.

Authorised Signatory
S.Nandhini - Assistant Engineer

Note:

1. The test result relate only to items tested.
2. The test report shall not be reproduced anywhere except in full and in the same formes 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 applied to the sample as Received basis

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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	-	-
10	Odour	IS 3025 Part 5 : 1983	–	Agreeable	Agreeable	Agreeable
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	-	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 – 2540 C	mg/L	1031	500	2000
13	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	1456	-	-
14	P - Alkalinity	IS 3025–Part 23-1983	mg/L	-	-	-
15	Calcium	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	109	75	200
16	Magnesium	APHA 23rd Edition 2017– 3500 Mg B	mg/L	65	30	100
17	Sodium	APHA 23rd Edition 2017 – 3500 Na B	mg/L	-	-	-
18	Potassium	APHA 23rd Edition 2017 – 3500 K B	mg/L	-	-	-
19	Iron	APHA 23rd Edition 2017– 3500 Fe B	mg/L	0.00	0.3	1
20	Manganese	APHA 23rd Edition 2017 – 3500 Mn B	mg/L	-	0.1	0.3
21	Ammonia	APHA 17th Edition-1989– 4500 NH3C	mg/L	0.00	0.5	0.5
22	Nitrite as NO_2	APHA 23rd Edition 2017– 4500-NO2 B	mg/L	0.00	-	-
23	Total Phosphate as PO4	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0.00	-	-
24	Tidys	APHA 23rd Edition 2017 – 4500 O - B	mg/L	-	-	-

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1/7/2024.

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