

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 : 33294	Report Issue Date :	25.04.2024
Invoice Details: 4605/Dt.25.04.2024/Amt.Rs.1180		

Client Name & Address	: The Manager, Vidhyaarsh Public School, Mangadu, Chennai 600056.
Contact No / Email.ID	: 7299006568
Sample Name	: Drinking Water
Sample Description	: Open Well
Sample Submitted by	: Customer - Selvakumar
Location & Date	: Vidhyaarsh Public School, Mangadu
Quantity of sample Received	: 2 Litre
Sample Container	: Plastic - Good Condition
Sample Condition on Receipt	: Good
Sample Received On	: 25.04.2024
Test Commenced on	: 25.04.2024
Test Completed on	: 25.04.2024
Environmental Condition	: 26.1°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	-	7.42	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	413	200	600
3	Total Alkalinity	IS 3025-Part 23-1986	mg/L	381	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	394	250	1000
5	Sulphate as SO ₄	IS 3025-(Part 24/Sec-1) 2022	mg/L	94	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO3 B	mg/L	18	45	45
7	Fluoride as F	APHA 23rd Edition 2017 - 4500- F-D	mg/L	0.50	1	1.5

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

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

S. Nandhini
25/4/24
Authorised Signagfory
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 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 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	1476	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	2109	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	-	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	-	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	-	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	0.0	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	0.10	0.5	0.5
22	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.00	-	-
23	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	1.02	-	-
24	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	-	-	-

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

Remarks: The above sample does not confirmed to the IS:10500:2012 Drinking water specification for the aboved tested


25/4/24
Authorised Signatory
S.Nandhini - Assistant Engineer

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