



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Ganesh Nagar, Near Law College Students Hostel,

Melur Road, Madurai-625 007.

Phone: 0452 - 3500637

E-mail: wtlmdu@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No:	2024/MDU/1301	Report Date :	18.04.2024
Invoice Details:	154/Dt.15.04.2024/Amt.Rs.1652		

Client Name & Address	: Elite Public School [CBSE],
Contact No / Email.ID	3/283, Puliankulam (Po),
	Madurai Rameswaram bye pass road,
	Madurai (Dt) – 625 201.
Sample Name	: Water
Sample Description	: Bore well Water
Sample Submitted by	: Customer
Location & Date	: Puliankulam Panchayat, Thirupparankundram block & 15.04.2024
Quantity of sample Received	: 2 Litres
Sample Container	: Jerry Can – Good condition
Sample Condition on Receipt	: Good
Sample Received On	: 15/04/2024
Test Commenced on	: 15/04/2024
Test Completed on	: 18/04/2024
Environmental Condition	: 25.8°C (Temp)

S.No	Parameters	Test Method	Unit	Sample Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	pH at 25°C	IS 3025 Part 11-2022	-	7.03	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	444	200	600
3	Total Alkalinity as CaCO ₃	IS 3025-Part 23-2023	mg/L	488	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	194	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24sec (1)-2022	mg/L	87	200	400
6	Nitrate as NO ₃	APHA 24th Edition 2017– 4500 –NO ₃ B	mg/L	3	45	45
7	Fluoride as F	APHA 24th Edition 2017 – 4500- F-D	mg/L	0.77	1.0	1.5

[Signature]
18/4/24

Authorised Signatory
B. Karuthapandian, B.E., M.Tech.
Assistant Water Analyst (i/c)

Note:

- The test results relate only to the items tested.
- The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- Unless informed by customer, the test items will not be retained for more than 15 days from the date of the test report.
- The Result applied to the sample as Received basis

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S.No	Parameters	Test Method	Unit	Sample Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	Appearance	Physical observation	--	Clear	-	-
2	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
3	Odour	IS 3025 Part 5 : 1983	--	None	-	-
4	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
5	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	1260	500	2000
6	Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	1800	-	-
7	P - Alkalinity	IS 3025-Part 23-1983	mg/L	-	-	-
8	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	111	75	200
9	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	46	30	100
10	Iron	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	0.3	1
11	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
12	Ammonia	APHA 17th Edition-1989- 4500 NH3C	mg/L	0	0.5	0.5
13	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0	0.5	0.5
14	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	0.5	0.5
15	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.6	-	-
16	Residual chlorine	IS / APHA	mg/L	0	0.2	0.5

.....Report Continues.....

[Signature]
18/4/24

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4. The Result applied to the sample as Received basis

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The test result of sample received as follows

Sl. No	BACTERIOLOGICAL EXAMINATION:	Sample No. 2024/MDU/1301 Sample Result	BIS 10500-2012 Max Limit
1	Fecal coliform CFU/100ml	0	Nil/100 ml

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

Result: The given Bore well water sample is physically, chemically potable and bacteriologically not contaminated.

[Signature]
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