

**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD****DISTRICT WATER TESTING LABORATORY**

Elizha Nagar Service Reservoir, Near Sarafozi College,

Thanjavur-613005.

Phone: 04362-227387

E-mail: awatwadthanjavur@gmail.com



TC-10292

**TEST REPORT**

Doc No: DWTL/FORM/7.8/01

Sample Lab No: 2023/42435	Report Issue Date: 11/05/2023
Invoice Details: No.4116 dt.09.05.2023/Rs.1180/-	
ULR No: TC1029223000042435F	

Client Name & Address	: Mahathma Gandhi Public School,
Contact No / Email ID	VikramamMadukkur-614903, Thanjavur. Contact No.8903462512
Sample Name	: Drinking Water
Sample Description	: School West
Sample Submitted by	: Customer
Location & Date	: Vikramam & 09/05/2023
Quantity of sample Received	: 2L
Sample Container	: Jerry Cane
Sample Condition on Receipt	: Good
Sample Received On	: 09/05/2023
Test Commenced on	: 09/05/2023
Test Completed on	: 11/05/2023
Environmental Condition	: 25.8 °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	--	6.60	6.5-8.5	6.5-8.5
2	Total Alkalinity	IS 3025-part 23-1986	mg/L	208	200	600
3	Total Hardness as CaCO <sub>3</sub>	IS 3025 part 21-2009	mg/L	226	200	600
4	Nitrate as NO <sub>3</sub>	APHA 23rd Edition 2017- 4500 -NO <sub>3</sub> B	mg/L	13	45	45
5	Chloride as Cl	IS 3025-part 32-1988	mg/L	60	250	1000
6	Fluoride	APHA 23rd Edition 2017 - 4500- F-D	mg/L	0.25	1.0	1.5
7	Sulphate	IS 3025-part 24-Sec I- 2022	mg/L	50	200	400

Authorised Signatory 11/5/23  
A PARAPARA SENTHIL, ASSISTANT WATER ANALYST

**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 applied to the sample as received basis

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## DISTRICT WATER TESTING LABORATORY

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### TEST REPORT

Doc No. DWTL/FORM/7.8/01

Sample Lab No. 2023/42435	Report Issue Date: 11/05/2023
Invoice Details No 4116 dt.09.05.2023/Rs 1180/-	

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	Appearance	Physical observation	--	Clear	Clear	Clear
2	Odour	IS 3025 part 5 : 1983	--	None	Agreeable	Agreeable
3	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0.5	1	5
4	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	456	500	2000
5	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	652	-	-
6	P - Alkalinity	IS 3025-part 23-1983	mg/L	0	-	-
7	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	59	75	200
8	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	19	30	100
9	Sodium	APHA 23rd Edition 2017 - 3500 Na B	mg/L	58	-	-
10	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	3	-	-
11	Iron	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.00	0.3	1.0
12	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.1	0.3
13	Ammonia	APHA 17th Edition-1989- 4500 NH3C	mg/L	0.01	0.5	0.5
14	Nitrite as NO <sub>2</sub>	APHA 23rd Edition 2017- 4500 -NO2 B	mg/L	0.02	-	-
15	Total Phosphate as PO <sub>4</sub>	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.00	-	-
16	Tidy's	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.23	-	-
17	Residual Chlorine as Cl <sub>2</sub>	APHA 23rd Edition 2017 - 4500 Cl - B	mg/L	0	0.2	1.0

Report : 42435 : The tested sample conformed to IS:10500 :2012 drinking water specification with respect to the tested parameters .

...End of the report ...

Authorised Signatory 11/5/23

A PARAPARA SETHIL, ASSISTANT WATER ANALYST

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