

**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD****DISTRICT WATER TESTING LABORATORY****OPP. Muthu Mandapam, Old Katpadi Road, Vellore-632004****Phone: 0416-2215168****E-mail: twadlabphotos2021@gmail.com****TC - 10698****TEST REPORT**

Doc.No: DWTL/FORM/7.8/01

Report No:	VLR/65923	Report Issue Date :	19.06.2023	Page No : 1 of 1
Invoice Details:	10642	ULR No :	TC106982300000001	

Client Name & Address	:	DEVI VENKATACHALAM PUBLIC SCHOOL,
Contact No / Email.ID	:	Chinnakallupalli, Kalendira Post,
	:	Vaniyambadi,
	:	Tirupattur District.635 751
Sample Name	:	Drinking Water
Sample Number	:	65923
Sample Description	:	Water
Sample Submitted by	:	DEVI VENKATACHALAM PUBLIC SCHOOL
Location & Date	:	School West, Chinnakallupalli, Kalendira Post, Vaniyambadi
Quantity of sample Received	:	2 Litre
Sample Container	:	Plastic - Good Condition
Sample Condition on Receipt	:	Good
Sample Received On	:	14.06.2023
Test Commenced on	:	14.06.2023
Test Completed on	:	17.06.2023
Environmental Condition	:	23.0°C - 27.0°C

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25° C	-	IS 3025 Part 11-2022	6.54	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	mg/L	IS 3025 Part 21-2009	14	200	600
3	Total Alkalinity as CaCO ₃	mg/L	IS 3025-Part 23-1986	8	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32-1988	10	250	1000
5	Sulphate as SO ₄	mg/L	IS 3025-Part 24-1986	2	200	400
6	Nitrate as NO ₃	mg/L	APHA 23rd Edition 2017- 4500 -NO ₃ B	0	45	45
7	Fluoride as F	mg/L	APHA 23rd Edition 2017 - 4500- F-D	0.0	1.0	1.5

Remark: The tested sample conformed to IS: 10500:2012 (RA: 2019) Drinking water specification with respect to above tested parameters. The Decision rule is not applicable.

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

K. KOLAPPAN, B.Sc.BL.Authorised Signatory
Assistant Water Analyst,TWAD Board,
Assistant Water Analyst
District Water Testing Laboratory,

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.

SECRETARY**DEVI VENKATACHALAM
PUBLIC SCHOOL****CHINNAKALLUPALLI, KALENDIRA POST,
VANIYAMBADI, TIRUPATTUR DISTRICT-635 751****PRINCIPAL****DEVI VENKATACHALAM
PUBLIC SCHOOL****CHINNAKALLUPALLI, KALENDIRA POST,
VANIYAMBADI, TIRUPATTUR DISTRICT**

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

OPP. Muthu Mandapam, Old Katpadi Road, Vellore-632004
Phone: 0416-2215168 E-mail:twadlabphotos2021@gmail.com

TEST REPORT

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Test Report No:65923				Report Issue Date :		19.06.2023	
Invoice Details:10642							
S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012		
					Acceptable Limit	Permissible Limit	
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	32	500	2000	
13	Conductivity	APHA 23rd Edition 2017 – 2510 B	μS/cm	45	-	-	
14	P - Alkalinity	IS 3025–Part 23-1983	mg/L	-	-	-	
15	Calcium	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	3	75	200	
16	Magnesium	APHA 23rd Edition 2017– 3500 Mg B	mg/L	1	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	0.0	0.1	0.3	
21	Ammonia	APHA 17th Edition-1989– 4500 NH3C	mg/L	0.0	0.5	0.5	
22	Nitrite as NO ₂	APHA 23rd Edition 2017– 4500-NO2 B	mg/L	0.0	-	-	
23	Total Phosphate as PO ₄	APHA 23rd Edition 2017 – 4500 P- D	mg/L	0.0	-	-	
24	Tidys	APHA 23rd Edition 2017 – 4500 O - B	mg/L	0.0	-	-	

Remarks : The Tested sample is confirmed to IS : 10500:2012 Drinking Water specification with respect to above tested parameters.

L. Jeyaraj
K. KOLAPPAN, B.Sc.BL.
 Assistant Water Analyst,
 TWAD Board,
 District Water Testing Laboratory,
 Vellore-632 004.

Note:

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4. The Result applied to the sample as Received basis

Issue No./Date	01/06.12.2021	Amend. No/ Date	01/22.12.2022	Page No	1 of 2
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Devi Venkatachalam
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M. Lakshees
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