

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

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TC - 14195

**TEST REPORT**

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2025/ 61725	Report Issue Date :	01.09.2025	Page No : 01 of 01
Invoice Details:	7651/Dt.29.08.2025 Amt.Rs.1652 /-	ULR No	TC141952500000850F	

Client Name & Address : THE PRINCIPAL,HERITAGE VIDHYALAYA SCHOOL,  
Contact No / Email.ID Kavarakkallpatty,Vellalagundam-PO, Valappady-Tk,Salem-Dt

Sample Name	: Water
Sample Number	: 61725.
Sample Description	: R.O. Water
Sample Submitted by	: Mr. G.Justin Joel .
Location & Date	: HERITAGE VIDHYALAYA SCHOOL,Kavarakkallpatty,Vellalagundam- PO, Valappady-Tk,Salem-Dt & 29.08.2025
Quantity of sample Received	: 2 Litre
Sample Container	: Jerry Cane
Sample Condition on Receipt	: Good
Sample Received On	: 29.08.2025
Test Commenced on	: 29.08.2025
Test Completed on	: 30.08.2025
Environmental Condition	: 23.0°C – 27.0°C

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25 <sup>o</sup> C	-	IS 3025 Part 11-2022	6.92	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO <sub>3</sub>	mg/L	IS 3025 Part 21-2009(RA 2019)	16	200	600
3	Total Alkalinity as CaCO <sub>3</sub>	mg/L	IS 3025-Part 23-2023	20	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32-(RA 2019)	6	250	1000
5	Sulphate as SO <sub>4</sub>	mg/L	IS 3025(Part 24/Sec 1):2022 (Turbidity Method)	<5	200	400
6	Nitrate as NO <sub>3</sub>	mg/L	APHA 24rd Edition – 4500 –NO3 B:2023	<2	45	45
7	Fluoride as F	mg/L	APHA 24rd Edition – 4500 –F- D:2023	0.20	1.0	1.5

Remark: The tested sample conformed to IS: 10500:2012 (RA: 2019) Drinking water specification Acceptable Limit with respect to above tested parameters.

Junior Water Analyst,  
Reviewed and Authorised by Signatory  
S.C.Prakasham.

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

**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.



### TEST REPORT

Sample Receipt No/Date :	61725-61726/Dt.29.08.2025
Invoice Details :	7651/Dt.29.08.2025
Customer Name and Address :	THE PRINCIPAL,HERITAGE VIDHYALAYA SCHOOL Kavarakkalpatty, Vellalagundam-PO, Valappady-Tk, Salem-Dt
Test Commenced on :	29.08.2025
Test Completed on :	30.08.2025
Test Report Date :	01.09.2025

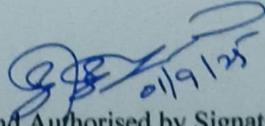
#### SAMPLE DETAILS FURNISHED BY CUSTOMER

Source :	R.O. Water
Location :	HERITAGE VIDHYALAYA SCHOOL, Kavarakkalpatty, Vellalagundam-PO, Valappady-Tk, Salem-Dt
Sample drawn by/Date :	Customer/Dt.29.08.2025
Quantity Received :	2 litres
Sample Container :	Plastic
Condition of the Sample :	Good Condition
Appearance, Colour, Odour :	Clear/Colourless/Agreeable

The test result of sample received is as follows.

S.No	I.Physical Examination	Method of Testing	Unit	Sample No. 61725 Result	Specification as per IS 10500 : 2012
					Permissible Limit
8	Turbidity	APHA 24rd Edition 2023 - 2130 B	NTU	0.00	5
9	Total Dissolved Solids	APHA 24rd Edition 2023 - 2540 C	mg/L	43	2000
10	Electrical Conductivity	APHA 24rd Edition 2023 - 2510 B	µS/cm	61	-
<b>II. Chemical Examination</b>					
11	Ph. Alkalinity as CaCO <sub>3</sub>	IS 3025-Part 23-1983	mg/L	0	-
12	Calcium as Ca	APHA 24rd Edition 2023 - 3500 Ca B	mg/L	5	200
13	Magnesium as Mg	APHA 24rd Edition 2023- 3500 Mg B	mg/L	1	100
14	Sodium as Na	APHA 24rd Edition 2023 - 3500 Na B	mg/L	-	-
15	Potassium as K	APHA 24rd Edition 2023 - 3500 K B	mg/L	-	-
16	Iron as Fe	APHA 24rd Edition 2023- 3500 Fe B	mg/L	0.00	1
17	Manganese as Mn	APHA 24rd Edition 2023 - 3500 Mn B	mg/L	0.00	0.3
18	Free Ammonia as NH <sub>3</sub>	APHA 17th Edition-1989- 4500 NH <sub>3</sub> C	mg/L	0.00	0.5
19	Nitrite as NO <sub>2</sub>	APHA 24rd Edition 2023- 4500-NO <sub>3</sub> B	mg/L	0.00	-
20	Phosphate as PO <sub>4</sub>	APHA 24rd Edition 2023 - 4500 P- D	mg/L	0.00	-
21	Free residual chlorine	BIS 10500:2012	mg/L	0.00	-
<b>III. Bacteriological Examination</b>				61726	
22	Feacal Coliform per 100 ml	IS/APHA	CFU	0	0

Remarks: The given water sample is Physically ,Chemically Potable and Bacteriologically not Contaminated .

  
Reviewed and Authorised by Signatory  
S.C.Prakasham,  
Junior Water Analyst.

.End of the report.....

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