



# TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

## DISTRICT WATER TESTING LABORATORY

Seevalaperi road, Shanthi nagar, Palayamkottai, Tirunelveli-627 002.

Phone: 0462-2914676

Email:jwadwltvl@gmail.com

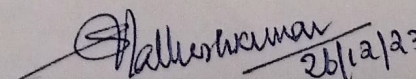
### TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2023/ 01732 -1	Report Issue Date :	18.12.2023	Page No : 01 of 01
Invoice Details:	265 /Dt.13.12.2023 Amt.Rs.1652/-			

Client Name & Address Contact No / Email.ID	: Correspondent, STACG HI-TECH School, 4/253-9, AC Nagar, Idaikal – 627602 Ambasamudram (TK), Tirunelveli District.
Sample Name	: Water
Sample Number	: 01732 -1
Sample Description	: Bore well water
Sample Submitted by	: Correspondent
Location & Date	: Inside School Campus & 13.12.2023
Quantity of sample Received	: 2 Litre
Sample Container	: Jerry Cane
Sample Condition on Receipt	: Good
Sample Received On	: 13.12.2023
Test Commenced on	: 13.12.2023
Test Completed on	: 18.12.2023
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° C	-	IS 3025 Part 11-1983	7.56	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO <sub>3</sub>	mg/L	IS 3025 Part 21-2009	160	200	600
3	Total Alkalinity as CaCO <sub>3</sub>	mg/L	IS 3025-Part 23-1986	228	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32-1988	146	250	1000
5	Sulphate as SO <sub>4</sub>	mg/L	IS 3025-Part 24-1986	34	200	400
6	Nitrate as NO <sub>3</sub>	mg/L	APHA 23rd Edition 2017- 4500 -NO3 B	2	45	45
7	Fluoride as F	mg/L	APHA 23rd Edition 2017 - 4500- F-D	0.4	1.0	1.5

  
26/12/23  
JUNIOR WATER ANALYST  
D.W.T. LAB, TWAD BOARD,  
T.T.K. CIRCLE, TIRUNELVELI.

**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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### TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2023/ 01732 - 2	Report Issue Date :	18.12.2023	Page No:01 of 02
Invoice Details:	265 /Dt.13.12.2023/Amt.Rs.1652/-			

Client Name & Address Contact No / Email.ID	: Correspondent, STACG HI-TECH School, 4/253-9, AC Nagar, Idaikal -627602 Ambasamudram (TK), Tirunelveli District.
Sample Name	: Water
Sample Number	: 01732 -2
Sample Description	: Bore well water
Sample Submitted by	: Correspondent
Location & Date	: Inside School Campus & 13.12.2023
Quantity of sample Received	: 2 Litre
Sample Container	: Jerry Cane
Sample Condition on Receipt	: Good
Sample Received On	: 13.12.2023
Test Commenced on	: 13.12.2023
Test Completed on	: 18.12.2023
Environmental Condition	: 23.0°C – 27.0°C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	Appearance	Visual observation	--	Clear	Clear	Clear
2	Odour	IS 3025 Part 5 : 1983	--	Agreeable	Agreeable	Agreeable
3	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	2	1	5
4	Total Dissolved Solids	APHA 23rd Edition 2017 – 2540 C	mg/L	645	500	2000
5	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	948	-	-
6	P - Alkalinity	IS 3025–Part 23-1983	mg/L	NIL	-	-
7	Calcium as Ca	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	30	75	200
8	Magnesium as Mg	APHA 23rd Edition 2017– 3500 Mg B	mg/L	20	30	100
9	Iron as Fe	APHA 23rd Edition 2017– 3500 Fe B	mg/L	0.01	0.3	1
10	Manganese as Mn	APHA 23rd Edition 2017 – 3500 Mn B	mg/L	0	0.1	0.3
11	Ammonia as NH <sub>3</sub>	APHA 17th Edition-1989– 4500 NH <sub>3</sub> C	mg/L	0.01	0.5	0.5

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### TEST REPORT

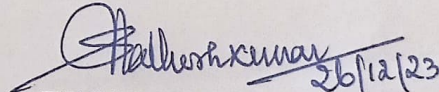
Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2023/ 01732 - 2	Report Issue Date :	18.12.2023	Page No:02 of 02
Invoice Details:	265 /Dt.13.12.2023/Amt.Rs.1652/-			

S. No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit in the absence of alternate source
12	Nitrite as NO <sub>2</sub>	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.02	-	-
13	Total Phosphate as PO <sub>4</sub>	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.03	-	-
14	Tidys 4 hr. test	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.32	-	-
15	Residual Chlorine	IS/APHA	mg/L	0	0.2	1.0
BACTERIOLOGICAL EXAMINATION						
16	Fecal Coliform	IS/APHA	CFU/100ML	0	0	0

**Result:** The given water sample is chemically potable and bacteriologically safe.

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

  
26/12/23  
JUNIOR WATER ANALYST  
D.W.T. LAB, TWAD BOARD,  
T.T.K. CIRCLE, TIRUNELVELI.

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

Water Analysis Laboratory, TIRUNELVELI.

0462-2914676

INVOICE No.

265

Date ...13/12/23

To.

Correspondent,

STAG - HI - TECH School, 4/253-9, Ac Nagar,  
Idaikal, Ambasamudram, Tirunelveli (Dt).

Your Ref.No. Nil / Dt: 13/12/23

Our Ref. No. 01732

Lab./TLY/20 23

Dated: 13/12/23

SI.No.	Description	No.of Samples	Rate	Amount
	<b>Towards Analysis Charges for</b>			
1	Physical & Chemical ✓	1 No	1000	1000
2	Bacteriological ✓	1 No	400	400
3	Construction			252
4	Partial Tests	GST (18%)		
5	Bleaching Power			1652

D.D.No. 293817

Date 12/12/23

Rs. 1652/-

Name of Bank Indian bank, Alangulam.

(Rupees One thousand six hundred fifty two only)

Adjusted

1. J.L.No. :

2. Book No. :

3. R.No. :

4. Date :

*[Signature]*  
13/12/23  
JUNIOR WATER ANALYST  
D.W.T.LAB, TWAD BOARD,  
T.T.K. CIRCLE, TIRUNELVELI.

The Charges for Examination of samples should be paid by Demand Draft drawn in favour of Administrative Officer, TWAD, T.T.K. Circle, Tirunelveli and payable at Tirunelveli.