TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Seevalaperi road, Shanthi nagar, Palayamkottai, Tirunelveli-627002.

Phone: 0462-2914676 Email:jwadwtltvl@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2026/ 1411-1	Report Issue Date :	05.10.2026	Page No : 01 of 01
Invoice Details:	282/Dt.30.09.2026 Amt.Rs.1652/-			

Client Name & Address Contact No / Email.ID	:	The Principal, Globe Public School (CBSE), Jacobpuram, Radhapuram-627114
Sample Name	:	Water – Bore Well Water
Sample Number	:	1411-1
Sample Description	:	Clear, Colour less Liquid
Sample Submitted by	:	L. Helen
Location & Date	:	Above the Address & 30.09.2026
Quantity of sample Received	:	2 Litres
Sample Container	:	Jerry Cane
Sample Condition on Receipt	:	Good
Sample Received On	:	30.09.2026
Test Commenced on	:	30.09.2026
Test Completed on	:	01.10.2026

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^{O} C	-	IS 3025 Part 11-2022	6.50	6.5-8.5	6.5-8.5
2	Total Hardness as $CaCO_3$	mg/L	IS 3025 Part 21-2009	13	200	600
3	Total Alkalinity as $CaCO_3$	mg/L	IS 3025–Part 23 -2023	6	200	600
4	Chloride as Cl	mg/L	IS 3025-Part 32-1988	18	250	1000
5	Sulphate as SO4	mg/L	IS 3025-Part 24—2022 Sec (1) - (Turbidity Method)	< 5	200	400
6	Nitrate as NO_3	mg/L	APHA 24th Edition 2023– 4500 –NO3 B	2	45	45
7	Fluoride as F	mg/L	APHA 24th Edition 2023 – 4500- F-D	< 0.2	1.0	1.5

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. The test sample will be retained for 15 days.
4. The result applied to the sample as received basis.

05/10/26

JUNIOR WATER ANALYST
D.W.T. LAB, TWAD BOARD,
T.T.K. CIRCLE, TIRUNELVELI

...End of the report...

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
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Phone: 0462-2914676 Email:jwadwtltvl@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Report No:	TR/2026/1411 -2	Report Issue Date :	05.10.2026	Page No : 01 of 02
Invoice Details:	282/Dt.30.09.2026Amt.Rs.1652/-			

Client Name & Address Contact No / Email.ID	:	The Principal, Globe Public School (CBSE), Jacobpuram, Radhapuram -627114
Sample Name	:	Water – Bore Well Water
Sample Number	:	1411-2
Sample Description	:	Clear, Colour less Liquid
Sample Submitted by	:	L. Helen
Location & Date	:	Above the Address & 30.09.2026
Quantity of sample Received	:	2 Litres
Sample Container	:	Jerry Cane
Sample Condition on Receipt	:	Good
Sample Received On	:	30.09.2026
Test Commenced on	:	30.09.2026
Test Completed on	:	01.10.2026

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	23	500	2000
5	Conductivity	APHA 23rd Edition 2017 – 2510 B	µS/cm	34	-	-
6	P - Alkalinity	IS 3025–Part 23-1983	mg/L	NIL	-	-
7	Calcium as Ca	APHA 23rd Edition 2017 – 3500 Ca B	mg/L	2	75	200
8	Magnesium as Mg	APHA 23rd Edition 2017– 3500 Mg B	mg/L	2	30	100
9	Iron as Fe	APHA 23rd Edition 2017– 3500 Fe B	mg/L	< 0.1	0.3	1
10	Ammonia as NH_3	APHA 17th Edition-1989– 4500 NH3C	mg/L	< 0.05	0.5	0.5
11	Nitrite as NO_2	APHA 23rd Edition 2017– 4500-NO2 B	mg/L	< 0.005	-	-

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TEST REPORT

Doc.No: DWTL/FORM/7.8/0

Report No:	TR/2026/1411 -2	Report Issue Date :	05.10.2026	Page No : 01 of 02
Invoice Details:	282/Dt.30.09.2026Amt.Rs.1652/-			

S. No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissib Limit in t absence alternate source
12	Total Phosphate as PO_4	APHA 23rd Edition 2017 – 4500 P- D	mg/L	< 0.02	-	-
13	Tidys 4 hr. test	APHA 23rd Edition 2017 – 4500 O - B	mg/L	0.24	-	-
14	Residual Chlorine	IS/APHA	mg/L	0	0.2	1.0
BACTERIOLOGICAL EXAMINATION						
15	Fecal Coliform	IS/APHA	CFU/ 100ML	**0**	0	0

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

05/10/26

JUNIOR WATER ANALYST
D.W.T. LAB, TWAD BOARD,
T.T.K. CIRCLE, TIRUNELVELI.

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

109770

AquaCare
ENVIRONMENTAL LABORATORY
(An ISO 9001:2015 CERTIFIED LABORATORY)

TC-15060

TEST REPORT

Report/ULR No : TC150602500000770F
Sample Receipt Date : 04.10.2025
Analysis Date : 04.10.2025 to 09.10.2025
Date of Report Issue : 09.10.2025
Customer Ref No / Date : Nil

Sample Code No : AEL/10/25/770
Sample Description : Water
Sample Quantity : 1 litre
Sample Condition : Satisfactory
Sample Detail : **Marked as Drinking Water (RO)**

ISSUED TO: -
The Principal
Bal Bharti Public School
Sector -21, Noida – 201301, U.P.

TEST RESULTS

PARAMETER TESTED			IS: 10500-2012 Drinking Water Specification (Second Revision)		
Sl No	PHYSICO-CHEMICAL	UNITS	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Odour	-	Agreeable	Agreeable	IS:3025 (Part 05)-2018
2.	Turbidity	NTU	BDL(DL=0.1)	1	IS:3025 (Part 10)-2023
3.	pH value	-	7.10	6.5-8.5	IS:3025 (Part 11)-2022
4.	Total Dissolved Solids	mg/l	72	500	IS:3025 (Part 16)-2023
5.	Total Hardness as $CaCO_3$	mg/l	28	200	IS:3025 (Part 21)-2009
6.	Calcium as Ca^{++}	mg/l	6.4	75	IS:3025 (Part 40)-1991
7.	Magnesium as Mg^{++}	mg/l	BDL(DL=2.0)	30	IS:3025 (Part 46)-2023
8.	Total Alkalinity as $CaCO_3$	mg/l	20	200	IS:3025 (Part 23)-2023
9.	Chloride as Cl^-	mg/l	22	250	IS:3025 (Part 32)-1988
10.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2	IS:3025 (Part 26)-2021
11.	Sulphate as SO_4^-	mg/l	5.0	200	IS:3025 (Part 24)-1986

BDL= Below Detection Limit. **DL**=Detection Limit

Remarks: -

1) The above water sample **conforms** to IS: 10500-2012 Drinking Water Specification (Second Revision) with respect to the tests conducted.
2) The results relate to item tested.

AquaCare Environmental Laboratory LLP New Delhi

End of Test Report

Authorised Signatory
Dr. P. K. JHA
Q.A. HEAD

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E-mail : aquacare.envlab@gmail.com Website : www.aquacarelab.com

109770

AquaCare

ENVIRONMENTAL LABORATORY

(An ISO 9001:2015 CERTIFIED LABORATORY)

TEST REPORT

Report No : AEL/2510/770
Sample Receipt Date : 04.10.2025
Analysis Date : 04.10.2025 to 09.10.2025
Date of Report Issue : 09.10.2025
Customer Ref No / Date : Nil

Sample Code No : AEL/10/25/770
Sample Description : Water
Sample Quantity : 1 litre
Sample Condition : Satisfactory
Sample Detail : **Marked as Drinking Water (RO)**

ISSUED TO: -
The Principal
Bal Bharti Public School
Sector -21, Noida – 201301, U.P.

TEST RESULTS

PARAMETER TESTED			IS: 10500-2012 Drinking Water Specification (Second Revision)		
Sl No	PHYSICO-CHEMICAL	UNITS	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Taste	-	**Agreeable**	Agreeable	IS:3025 (Part 08)-1984
2.	Fluoride as F^-	mg/l	**BDL(DL=0.10)**	1.0	IS:3025 (Part 60)-2008
3.	Total Iron as Fe^-	mg/l	**0.08**	1.0	IS:3025 (Part 53)-1988
4.	Nitrate as NO_3^-	mg/l	**BDL(DL=1.0)**	45	IS:3025 (Part 34)-1988

Sl No	BACTERIOLOGICAL	RESULT	REQUIREMENT (Acceptable Limit)	TEST METHOD
1.	Total Coliforms (MPN/100ml)	**Not Detected**	Not Detected	IS:1622 -1981
2.	Faecal Coliforms (MPN/100ml)	**Not Detected**	Not Detected	IS:1622 -1981
3.	*E. coli* in 100 ml of sample present/absent	**Not Detected**	Not Detected	IS:1622 -1981

BDL= Below Detection Limit. **DL**=Detection Limit

Remarks: -

1) The above water sample **conforms** to IS: 10500-2012 Drinking Water Specification (Second Revision) with respect to the tests conducted.
2) The results relate to item tested.

AquaCare Environmental Laboratory LLP New Delhi

End of Test Report

Authorised Signatory
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Q.A. HEAD

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