QUALITY CONTROL DISTRICT LABORATORY
KERALA WATER AUTHORITY

Vellayambalam, Thiruvananthapuram – 695033
Tel: 04712992303; e-mail: aeqcdltvm@gmail.com

TC-12164

TEST REPORT

ULR No: TC1216426000002942F

Test Report No:2026/QCDL/TVM/2942 **Date: 10.08.2026**

Customer Name & Address: PM SHRI KV AFS AKKULAM, POONTHI ROAD ANAYARA P O TVPM. **Phone Number : 9447308263**	
Date of collection : 03.08.2026	**Sampling was done by: The Customer (QUA_371393)**
Sample code: 2026/QCDL/TVM/2942	**Sample particulars: Drinking Water**
Sample quantity: 2 Litres	**Date of analysis: From: 04.08.2026 To: 07.08.2026**

Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Acidity	mg/l	IS 3025 (Part 22), Indicator Method	-	3
2	Calcium (as Ca)	mg/l	IS 3025 (Part 40), EDTA Method	75	BDL (DL=5)
3	Chloride (as Cl)	mg/l	IS 3025 (Part 32), Argentometric Method	250	9.2
4	Colour	Pt Co. Units	IS 3025 (Part 4), Platinum Cobalt Visual comparison	5	5
5	Electrical Conductivity	micro mhos/cm	IS 3025 (Part 14)	-	58.83
6	Fluoride	mg/l	APHA 24th Edition, 4500 FD	1.0	BDL (DL=0.2)
7	Iron	mg/l	IS 3025 (Part53),1,10 Phenanthroline Method	1.0	BDL (DL=0.075)
8	Magnesium (as Mg)	mg/l	APHA 24thEdition- 3500-Mg; Method B (By Calculation)	30	BDL (DL=5)
9	Nitrate	mg/l	APHA 24th Edition 4500-NO_3-B, UV Spectrophotometric Screening Method	45	1.46
10	Odour		IS 3025(Part 5)	Agreeable	Agreeable
11	pH		IS 3025 (Part 11), Electrometric Method	6.5 to 8.5	7.19
12	Sulphate	mg/l	IS 3025 (Part 24), Turbidity Method using Spectrophotometer	200	BDL (DL=5)
13	Total Alkalinity (as $CaCO_3$)	mg/l	IS 3025 (Part 23), Indicator Method	200	10.5
14	Total Dissolved Solids	mg/l	IS 3025 (Part 16), Gravimetric Method	500	34
15	Total Hardness (as $CaCO_3$)	mg/l	IS 3025 (Part 21), EDTA Method	200	BDL (DL=10)
16	Turbidity	NTU	IS 3025 (Part 10), Nephelometric Method	1	0.28

BDL=Below Detection Limit; DL=Detection Limit.

Remarks:

1. The results apply to the sample as received for testing.
2. This test report shall not be reproduced except in full without the written approval of the laboratory management.
3. The retention period of the sample is five days from the date of analysis.

10/8/26

Analyzed by

Authorized Signatory

(SEENA H)

End of the report

SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM

TC-12164

QUALITY CONTROL DISTRICT LABORATORY
KERALA WATER AUTHORITY

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ULR No: TC1216426000002942F
Test Report No: 2026/QCDL/TVM/2942 **Date: 10.08.2026**

Customer Name & Address: PM SHRI KV AFS AKKULAM, POONTHI ROAD ANAYARA P O TVPM. Phone Number : 9447308263	
Date of collection: 03.08.2026	**Sampling was done by: The Customer (QUA_371393)**
Sample code:2026/QCDL/TVM/2942	**Sample particulars: Drinking Water**
Sample quantity: 250 ml	**Date of analysis: From: 03.08.2026 To: 04.08.2026**

Sl. No	Parameters	Acceptable limits as per IS-10500-2012	Test Method	Result
1	Total Coliform	Shall not be detected / 100ml	IS 15185 Membrane Filtration Method	ABSENT / 100 ml
2	*E. coli*	Shall not be detected / 100ml	IS 15185 Membrane Filtration Method	ABSENT / 100 ml

Remarks:
1. The results apply to the sample as received for testing.
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Analyzed by

Authorized Signatory

End of the report

BACTERIOLOGIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM