



TC-6793



RAL/TR/PVT

GOVERNMENT OF KERALA

REGIONAL ANALYTICAL LABORATORY
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TEST REPORT

Report No.11000/25-26

ULR No:TC679326000001308F

Issue Date. 16.03.2026

Particulars of the sample : Drinking Water (Filter)	Name & Address of Customer: Manager, Sree Narayana Public School, Poothotta P.O., Ernakulam - 682307 (Sample forwarded by Medical Officer In Charge, Family Health Centre, Udayamperoor)
Date of receipt of sample : 03.03.2026	
Date of Analysis : 04.03.2026 – 16.03.2026	
Condition of Sample : Fit for Analysis	Sample Quantity received : 2 L+ 125 ml
Sample Description: Clear, colourless, odourless liquid	Type of packing : Plastic Can + Sterile Bottle

CHEMICAL TESTING

Sl No.	Parameters	Test Method	Unit	Result	Acceptable Limit as per IS 10500 : 2012 (With Amendment No. 1, 2, 3 & 4)
1.	pH value	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	--	6.61	6.5-8.5
2.	Turbidity	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	NTU	0.31	Max. 1.0
3.	Total Alkalinity (as CaCO ₃)	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	mg/l	25.85	Max. 200
4.	Total Hardness(as CaCO ₃)	APHA,2340 ,24 th Edition	mg/l	24.60	Max. 200
5.	Calcium (as Ca)	APHA,3500 Ca,24 th Edition	mg/l	4.11	Max. 75
6.	Magnesium (as Mg)	APHA ,3500 Mg, 24 th Edition	mg/l	3.49	Max. 30
7.	Sulphates (as SO ₄)	Official Methods of AOAC, Volume I, Method No: 973.57, 22 nd Edition	mg/l	Below LOQ (LOQ = 10 mg/l)	Max. 200
8.	Fluoride (as F)	APHA,4500-F'D, 24 th Edition	mg/l	Below LOQ (LOQ = 0.2 mg/l)	Max. 1.0
9.	Chloride (as Cl)	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	mg/l	17.23	Max. 250
10.	Nitrate (as NO ₃)	APHA,4500 NO ₃ B,24 th Edition	mg/l	Below LOQ (LOQ =2.0 mg/l)	Max. 45
11.	Total Dissolved Solids	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	mg/l	65.0	Max. 500
12.	Iron (as Fe)	APHA 3500 Fe B,24 th edition	mg/l	0.10	Max. 1.0
13.	Ammonia (as total ammonia - N)	APHA 4500 NH ₃ F, 24 th edition	mg/l	Below LOQ (LOQ = 0.1 mg/l)	Max. 0.5

LOQ = Limit of Quantification

MICROBIOLOGICAL TESTING

14	Coliforms	FSSAI 15.025:2024	Absent/100ml	Shall not be detectable in 100 ml
15	E.Coli	FSSAI 15.025:2024	Absent/100ml	

Opinion: **Satisfactory**

Verified by HOS: *Me*

Note:

1. The test report relates to the tested parameters and to the tested item (as received) only.
2. The report shall not be reproduced except in full without approval of the Laboratory.
3. In Test report the decision rule of the laboratory is applied as and when required.



[Signature]
Ruby Mathew

Authorised Signatory.

PTP

-End of the Report-