



Cloud
Water Quality Analysis Lab

1st Floor, Galleria Shopping Centre
Near Federal Bank, Nilambur Road
Wandoor -679 328

9447439566
cloudwaterlab@gmail.com



Approved by Pollution Control Board, Govt of Kerala

(Approval No. PCB/LAB/C01/2025)

WATER ANALYSIS REPORT

Report Date:11/05/2026

Client / Establishment Name &Address	ST.FRANCIS SCHOOL
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Report No : 260521	Sample collection date: 07/05/2026
Sample Source: PURIFIED RO WATER	Sample received date : 07/05/2026
Sampled by : CLIENT	Test dates : 07/05/2026 – 11/05/2026

Sl. No.	Parameters	Units	Methods APHA	Results	Acceptable Limits
1	Total Coliforms	MPN/100ml	9221B	Absent	Absent
2	<i>Escherichia coli</i>	MPN/100ml	9221B	Absent	Absent

Remarks:Satisfactory.

Lauzy

Quality controller



Leithana

Microbiologist



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Report No : 260521	Sample collection date: 07/05/2026
Sample Source: OPEN WELL	Sample received date : 07/05/2026
Sampled by : CLIENT	Test dates : 07/05/2026 – 11/05/2026

Sl. No.	PARAMETERS	TEST METHOD APHA	Results	Units	ACCEPTABLE LIMIT IS 10500:2012	PERMISSIBLE LIMIT IN THE ABSENCE OF ALTERNATE SOURCE
1	Colour	2120b	Colourless	Hazen	Maximum 15	15
2	Odour	2150A&2160A	Agreeable	-	Agreeable	No Relaxation
3	Electrical conductivity	2510B	58	-	No limit	No limit
4	Turbidity	2130B	0.2	NTU	Maximum 1	5
5	Total dissolved solids	2540C	32	mg/litre	Maximum 500	2000
6	PH @25°C	4500 H + B	5.50	-	6.5 – 8.5	No Relaxation
7	Total Alkalinity	2320B	14	mg/litre	Maximum 200	600
8	Total Hardness as CaCO ₃	2340C	10	mg/litre	Maximum 200	600
9	Calcium Hardness as CaCO ₃	3500Ca B	6	mg/litre	No Limit	No Limit
10	Magnesium Hardness	3500Mg B	4	mg/litre	No Limit	No Limit
11	Calcium	3500 Ca B	2.40	mg/litre	Maximum 75	200
12	Magnesium	3500 Mg B	0.97	mg/litre	Maximum 30	100
13	Chloride	4500 Cl B	10	mg/litre	Maximum 250	1000
14	Ammonia as N	4500 NH ₃ F	Absent	mg/litre	Maximum 0.50	No Relaxation
15	Iron as Fe	3500 Fe B	0.065	mg/litre	Maximum 1.00	No Relaxation

Remarks: pH is lower than the acceptable limit.

Suggestion: Add good quality lime at the rate of 200g per 4000L to raise the pH to the desired level

Srinu
Quality controller

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Sudhakar
Microbiologist