

KSPCB APPROVAL NO:- C 41/ 2021

WATER ANALYSIS REPORT

Report No:-UBL /2275	Date :-02/04/2025
Client Name:-St Thomas Public School,Enanthi	Source of sample :-Open well
Address:-Nallamthanni po,Nilambur	Sample Container :-1L
Phone no:-9846899118	Sample Collected By :-Party
Type of Analysis: Physical Chemical & Microbiological	Sample delivered By:- Party
	Date of sampling :-02/04/2025
	Date of receipt : 02/04/2025
	Period of analysis :-02/04/2025-04/04/2025

No	Parameters	Test Method APHA	Result	Unit	Acceptable limit IS 10500:2012	Permissible limit in the absence of alternate sources
----	------------	---------------------	--------	------	-----------------------------------	---

PHYSICAL

1.	Color	2120b		Hazen	Maximum 5	15
2.	Taste & Odor	2150A&2160A		a--	Agreeable	No Relaxation
3.	Turbidity	2130B	0.5	NTU	Maximum1	5
4.	Electrical Conductivity @25°C	2510B	34	µs/CM	No Limit	No Limit

CHEMICAL

5.	Total dissolved solids- TDS	2540C	20	Mg/L	Maximum 500	2000
6.	PH @ 25°C	4500 H+B	6	--	6.5 - 8.5	No relaxation
7.	Total Alkalinity	2320B	12	Mg/L	Maximum200	600
8.	Total Hardness	2340C	12	Mg/L	Maximum200	600
9.	Calcium Hardness	3500Ca B	8	Mg/L	No limit	No limit
10.	Magnesium Hardness	3500 Mg B	4	Mg/L	No limit	No limit
11.	Calcium	3500 Ca B	3.2	Mg/L	Maximum75	200
12.	Magnesium	3500 Mg B	0.9	Mg/L	Maximum 30	100
13.	Chloride	4500 Cl B	6	Mg/L	Maximum 250	1000
14.	Sulphate	4500 SO ₄ E	BDL	Mg/L	Maximum200	400
15.	Nitrate as NO ₃	4500 NO ₃ B	BDL	Mg/L	Maximum 45	No Relaxation
16.	Ammonia as NH ₃	4500 NH ₃ F	BDL	Mg/L	Maximum0.50	No Relaxation
17.	Iron	3500 Fe B	BDL	Mg/L	Maximum 1.00	No Relaxation

MICRO BIOLOGICAL

18.	Total coliforms	9222 B	Absent	Cfu/100ml	Shall be absent	No Relaxation
19.	Faecal Coliforms	9222 D	Absent	Cfu/100ml	Shall be absent	No Relaxation

**Note :This report is of the sample tested only and shall not be reproduced except in full Remarks:-
The water sample tested shows deviation from acceptable limits for PH.Lime treatment to boost
the ph level.**

KERALA STATE POLLUTION CONTROL BOARD APROVED LABORTORY

Authorized signatory
Date: 
UNIVERSAL BIO LAB
CHANDAKKUNNU
NILAMBOUR