



SUDHAJALAM WATER TESTING LABORATORY

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Complete Drinking Water and Waste Water Analysis

APPROVED BY KERALA STATE POLLUTION CONTROL BOARD (Lab Approval No : PCB/LAB/C16/2018)

WATER ANALYSIS REPORT

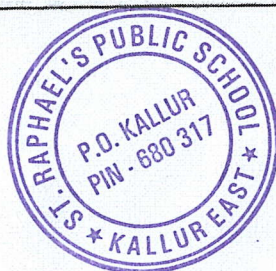
Sample No:	SWL/7625	Date:	06/04/2026
Client Name	St RAPHAELS PUBLIC SCHOOL	Source Of Sample	Well water
Address	kallur	Sample Container	BOTTIL
		Sample Collected By	DIVYA
		Sample Delivered By	PARTY
		Date Of Sampling	01/04/2026
		Date Of Receipt	01/04/2026
Phone No		Period Of Analysis	01/04/2026 To 06/04/2026

Sl.No.	Parameter	Test Method	Unit	Acceptable Limit IS 10500:2012	Result
PHYSICAL PARAMETERS					
1	Taste	IS3025-1984	—	Agreeable	Agreeable
2	Colour	IS3025-2021	Hazen	5	<5
3	Odour	IS3025-2018	—	Agreeable	Agreeable
4	Turbidity	IS:3025(10)-1984	NTU	1	1
5	Electrical Conductivity	IS:3025(14)-1984	µS/cm	-	184
6	PH	IS:3025(11)-1983		6.5 -8.5	7.1
7	Total Dissolved Solids	IS:3025(16)-1984	mg/L	500	141.68
CHEMICAL PARAMETERS					
8	Acidity	IS:3025(22)-1986	mg/L	-	6
9	Alkalinity	IS:3025(13)-1986	mg/L	200	10
10	Total Hardness	IS:3025(21)-1983	mg/L	200	66
11	Calcium(as Ca)	IS:3025(40)-1991	mg/L	75	11.21
12	Magnesium(as Mg)	IS:3025(33)-1994	mg/L	30	9.23
13	Chloride (as Cl)	IS:3025(32)-1988	mg/L	250	56
14	Fluoride	IS:3025(32)-2008	mg/L	1	0.27
15	Iron (as Fe)	IS:10500:2012	mg/L	1	0.11
16	Nitrate (as NO ₃)	IS:3025(34)-1988	mg/L	45	0.17
17	Sulphate (as SO ₄)	IS:3025(24)-1986	mg/L	200	2.24
18	Residual chlorine	IS:3025(26)-1986	mg/L	0.2	Nil
BACTERIOLOGICAL ANALYSIS					
19	Coliforms	MPN	No of coliforms /100ml	Shall not detectable in any 100 ml s	20
20	E.Coli	IS:1622-1981	No of E.coli/100ml	Shall not detectable in any 100 ml s	Absent

Note: This report is of the sample tested only and shall not be reproduced except in full.

Remarks : Coliform bacteria present.

PRINCIPAL
ST. RAPHAEL'S PUBLIC SCHOOL
P.O. KALLUR, THRISSUR-680317



Verified by
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