

RANI ANALYTICAL LABORATORY

Chorode, Vadakara – 673 106, Kozhikode Dist.

(Govt. Approval by Kerala State Pollution Control Board)

(Approval No. PCB/LAB/C11/2015)

Ph: 0496 2512342

E-mail: ranifoods@yahoo.com

Report on Analysis of Water

Client's Name & Address		Source of Sample : Well Water			
Sree Gokulam Public School Kurikkilad P.O Vadakara.		Date of Receipt : 23/02/2024			
		Sample Code : DW/0224/1498			
		Date of Testing : 23/02/2024			
		Date of Issue : 26/02/2024			
Sl. No.	Parameter	Unit	Limit	Result	Method of Analysis
PHYSICAL					
01.	Colour		5 (Max.)	--	IS : 3025 (Part 4)
02.	Odour			Agreeable	IS : 3025 (Part 5)
03.	Taste			Agreeable	IS : 3025 (Part 7&8)
04.	Turbidity	NTU	1 (Max.)	0.9	IS : 3025 (Part 10)
05.	Electrical Conductivity at 25°C	µS/cm.	No Limit	68	IS : 3025 (Part 14)
CHEMICAL					
06.	Total Dissolved Solids	mg/liter	500 (Max.)	37	IS : 3025 (Part 16)
07.	pH		6.5 - 8.5	6.5	IS : 3025 (Part 11)
08.	Total Alkalinity	mg/liter	200 (Max.)	6	IS : 3025 (Part 23)
09.	Total Hardness	mg/liter	200 (Max.)	14	IS : 3025 (Part 21)
10.	Calcium (as Ca)	mg/liter	75 (Max.)	2	IS : 3025 (Part 40)
11.	Magnesium (as Mg)	mg/liter	30 (Max.)	3	IS : 3025 (Part 46)
12.	Chloride (as Cl)	mg/liter	250 (Max.)	19	IS : 3025 (Part 32)
13.	Nitrate (as NO ₃)	mg/liter	45 (Max.)	0.63	APHA: 4500 NO ₃ B
14.	Iron (as Fe)	mg/liter	1 (Max.)	0.6	IS : 3025 (Part 53)
15.	Fluoride (as F)	mg/liter	1 (Max.)	--	IS : 3025 (Part 60)
16.	Ammonia (as NH ₃)	mg/liter	0.5 (Max.)	0.1	IS : 3025 (Part 34)
17.	Sulphate (as SO ₄)	mg/liter	200 (Max.)	0.8	IS : 3025 (Part 24)
BACTERIOLOGICAL RESULTS					
18.	Coliforms /100 ml	Cfu/100ml	Shall be Absent	Absent	APHA : 9222
19.	Faecal Coliforms /100 ml	Cfu/100ml	Shall be Absent	Absent	APHA : 9222

The water sample conform to IS : 10500 specifications for drinking water.

1. The results refer only to the parameters tested of the sample provided for analysis.
2. Sample not drawn by us.



[Signature]
Chief Analyst