

RANI ANALYTICAL LABORATORY

Chorode, Vadakara – 673 106, Kozhikode Dist.

(Govt. Approval by Kerala State Pollution Control Board 'C' Grade)

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

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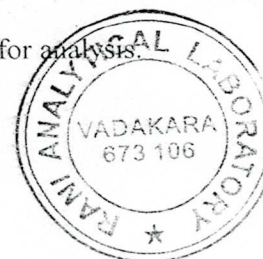
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Report on Analysis of Water

Client's Name & Address		Source of Sample : Well Water			
Darul Huda English Medium School Chalapuram Thuneri. (Sampled by H.I, Thuneri.)		Date of Receipt		: 16/10/2020	
		Sample Code		: DW/1020/1020	
		Date of Testing		: 16/10/2020	
		Date of Issue		: 19/10/2020	
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	5 (Max.)	0.5	IS : 3025 (Part 10)
05.	Total Suspended Solids				IS : 3025 (Part 15)
06.	Total Dissolved Solids	mg/liter	500 (Max.)	50	IS : 3025 (Part 16)
CHEMICAL					
07.	pH		6.5 - 8.5	6.5	IS : 3025 (Part 11)
08.	Total Alkalinity	mg/liter	200 (Max.)	7.36	IS : 3025 (Part 23)
09.	Total Hardness	mg/liter	300 (Max.)	16	IS : 3025 (Part 21)
10.	Calcium (as Ca)	mg/liter	75 (Max.)	4.08	IS : 3025 (Part 40)
11.	Magnesium (as Mg)	mg/liter	30 (Max.)	2.9	IS : 3025 (Part 46)
12.	Chloride (as Cl)	mg/liter	250(Max.)	12.2	IS : 3025 (Part 32)
13.	Nitrate	mg/liter	45 (Max.)		IS : 3025 (Part 34)
14.	Nitrite	mg/liter			IS : 3025 (Part 34)
15.	Iron (as Fe)	mg/liter	0.3 (Max.)	0.1	IS : 3025 (Part 53)
16.	Copper (as Cu)	mg/liter	0.05(Max.)		IS : 3025 (Part 42)
17.	Fluoride (as F)	mg/liter	1 (Max.)		IS : 3025 (Part 60)
18.	Sulphate	mg/liter	200 (Max.)		IS : 3025 (Part 24)
19.	Residual Chlorine	mg/liter	0.2 (Max.)		IS : 3025 (Part 26)
20.	Barium	mg/liter			IS : 13428
BACTERIOLOGICAL RESULTS					
21.	Coliform MPN/100 ml	Nil/100 ml		Absent	IS : 1622 : 1981

The water sample conform / ~~does not 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