

WATER ANALYSIS REPORT

Name & Address: Darul Hikam Residential School, Chemmaniyode, Malappuram Dist.

Sample Source: Open Well

Sample Code: 012781

Collection Date: 03.06.2023

Testing Date: 03.06.2023

Sl. No.	Characteristics	Analysis Method	Desirable limits	Actual contents	Unit
1	Turbidity	Nephelometric	1	1.8	NTU
2-4	Taste, Color & Odor	Visual comparison	Unobjectionable		
5	pH	Electrometer	6.5-8.5	6.5	
6	Electrical conductivity	Conductivity meter		47.0	µS/cm
7	Total dissolved solids	Gravimetric	500	33.0	mg/litre
8	Alkalinity(Total)	Titrimetric	200	14.0	mg/litre
9	Total Hardness (as CaCO ₃)	EDTA Titrimetric	200	16.0	mg/litre
10	Calcium hardness	EDTA Titrimetric	75	14.5	mg/litre
11	Chloride	Titrimetric	250	15.0	mg/litre
12	Calcium	EDTA Titrimetric	75	6.4	mg/litre
13	Iron	Spectrophotometric	0.3	0.22	mg/litre
14	Sulphate	Spectrophotometric	200	12.0	mg/litre
15	Magnesium	EDTA Titrimetric	30	5.0	mg/litre
16	Total coliforms	m-Endo Method	Zero	Nil	MPN/100ml
17	E.Coli	m- FC Method	Absent	Absent	MPN/100ml

Notes on Analysis: No Coliforms found. pH is normal. Other physical and chemical parameters are within the limit.




Manager
 Darul Hikam Residential School
 Melattur, P.O. Chemmaniyode
 Malappuram - 679 325


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