

ENVIRONMENT LABORATORY
 Approved by: Kerala State Pollution Control Board
 Approval No.: PCB/CL/RL/34/2021

No. IRTC/311/ENVL/ WS331/22

WATER QUALITY ANALYSIS REPORT

Sample received from	Location/Project Name	Date of receipt	Source of sample
Principal Amrutha School Kanniyampuram Panamanna Road, Ottapalam		08/04/2022	Open Well
		Sample No	Date of report
		WS 331	13/04/2022

Sl. No	Parameter	Unit	Test Result	BIS Limit For Drinking Water
1	pH	-	6.9	6.5-8.5
2	Colour	Hazen	-	-
3	EC	µs/cm	185	-
4	TDS	ppm	109	500
5	Turbidity	NTU	0.18	05
6	Alkalinity	mg/L	50	200
7	Chloride	mg/L	7.1	250
8	Hardness	mg/L	58	200
9	Calcium	mg/L	12.8	75
10	Magnesium	mg/L	6.3	30
11	Fluoride	mg/L	0.25	1.0
12	Iron	mg/L	0.08	0.3
13	Sulphate	mg/L	3.2	150
14	Nitrate	mg/L	1	45
15	Total Coliform	MPN/100 ml	Absent	Absent
16	E.coli	-	Absent	Absent

Tested in accordance with : APHA, AWWA, WEF 2017

- EC - Electrical Conductivity, TDS - Total Dissolved Solids, NTU - Nephelometric turbidity unit, MPN- Most Probable Number, µs - Micro siemens, BIS-Bureau of Indian Standards, mg/L- milligram per litre
- Coliform & E.coli should not be present in 100 ml of sample as per BIS standard.

Disclaimer: The sample was taken and brought to the lab by the person with name and address mentioned above. IRTC.



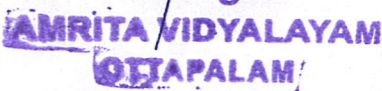
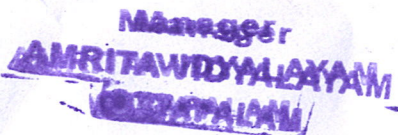
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