



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DIVISION, THRISSUR-5

Phone: 0487 - 2338380

Ref. No. 97
45
2024

REPORT ON ANALYSIS OF WATER

I. Name & Address : J & J. English Medium School Karupadana Date of Collection : 13/3/24

II. Date of Testing : 15/03/24

IV. Sample is collected by : The party

Specification BIS 10500:2012

S. No.	Characteristics	Unit	Acceptable Limit	Permissible Limit	Actual Contents / Samples	
					1	2
PHYSICAL PARAMETERS						
1	Turbidity	NTU	1	5	15	
2	Electrical Conductivity	Micro mhos/cm			253	
3	pH		6.5 to 8.5	No. Relaxation	6.6	
4	Total Dissolved Solids	mg/litre	500	2000	202.5	
CHEMICAL PARAMETERS						
5	Acidity	mg/litre			6	
6	Alkalinity	mg/litre	200	600	68	
7	Total Hardness (as Ca CO ₃)	mg/litre	200	600	62	
8	Calcium (as Ca)	mg/litre	75	200	15.2	
9	Magnesium (as Mg)	mg/litre	30	100	5.83	
10	Chloride (as Cl)	mg/litre	250	1000	32	
11	Fluoride	mg/litre	1.0	1.5	0.21	
12	Iron (as Fe)	mg/litre	0.3	1.0	0.20	
13	Nitrate (as No ₃)	mg/litre	45	100	4.34	
14	Sulphate (as So ₄)	mg/litre	200	400	4.1	
15	Dissolved Oxygen	mg/litre				
16	Biochemical Oxygen Demand (BOD)	mg/litre				
17	Chemical Oxygen Demand (COD)	mg/litre				
18	Residual Chlorine (Min)	mg/litre	0.2	1		
19	Phosphate (as PO ₄)	mg/litre				
20	Manganese	mg/litre	0.1	0.3		
21	Others					
BACTERIOLOGICAL ANALYSIS						
22	Coliforms	No. of Coliforms/100ml	Shall not be detectable in any 100ml sample		1100+	
23	Echerichia Coli	No. of E.Coli/100ml			Present	

24. Remarks

15/03/24

Chairman
J & J. E. M. SCHOOL



P. S. Vellayudhan
Self-Attested.
15/03/24