



REPORT ON ANALYSIS OF WATER

Name & Address : AL FALAH ENGLISH SCHOOL-VELIYANKODE
Source of sample : FILTER UNIT (SAMPLE COLLECTED & BROUGHT BY PARTY)
Date of Collection : 20/05/2026
Date of Testing : 20/05/2026 **Reference No:** GM/17843

Sl No.	Characteristics	Unit	Method	Acceptable limit IS 10500:2012	Actual Contents
1	Turbidity	NTU	IS 10500/Part10	1	0.2
2	Colour	Hazen	IS 10500/Part 4	5	1
3	Odour		IS 10500/Part 5	-	Agreeable
4	P ^H Value		IS 10500/Part11	6.50 –8.50	6.51
5	Electrical Conductivity	µs/cm			39.47
6	Total Dissolved Solids (TDS)	mg/litre	IS 10500/Part16	500	26.08
7	Acidity	mg/litre	IS 10500/Part22	-	20.0
8	Alkalinity(Total)	mg/litre	IS 10500/Part23	200	25.0
9	Total Hardness(as CaCO ₃)	mg/litre	IS 10500/Part21	200	20.0
10	Calcium	mg/litre	IS 10500/Part40	75	8.0
11	Magnesium	mg/litre	IS 10500/Part46	30	BDL
12	Chloride	mg/litre	IS 10500/Part32	250	10.9
13	Iron	mg/litre	IS 10500/Part53	1	0.004
14	Sulphate	mg/litre	IS 10500/Part24	200	BDL
15	Ammonia	mg/litre	IS 10500/Part34	0.5	BDL
16	Residual, free chlorine	mg/litre	IS 10500/Part26	0.2	BDL
Microbiological Parameters					
17	Total Coliform	cfu/100ml	IS 15185:2016 Reaffirmed Year 2021 CCA AGAR	Shall not be detected/100ml	ABSENT
18	E-Coli	cfu/100ml-		Shall not be detected/100ml	ABSENT

Remarks: All the above tested parameters are within the acceptable limit.

BDL BELOW DETECTION LEVEL

(Handwritten signature)