

ASIAN ENVIRO LABS

No. 1, 200 Feet Pallavaram to Thuraipakkam Radial Road,
Zamin Pallavaram, Chennai - 600 043, Tamil Nadu.

REPORT

Report No:25-26/AEL25060040

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Customer Name & Address : **M/s. Bright Minds Vidyodaya (CBSE) School**
Sholingur Road, Keel Pudupet,
Walaja Taluk, Ranipet District-632 513.

SAMPLE DETAILS

Sample Code : AEL25060040 Sample Received on : 14.06.2025
Sample Name : Drinking Water Analysis Started on : 14.06.2025
Sample Description : RO Water Analysis Completed on : 18.06.2025
Sample Quantity : 1 Ltr X 2 No's Report Date : 18.06.2025

TEST RESULTS

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per IS 10500:2012	
					Acceptable Limit	Permissible limit in the absence of Alternate Source
1	Colour	IS 3025 (Part-4):2021	Hazen	< 1	Max 5	Max 15
2	Odour	IS 3025 (Part-5):2018	--	Agreeable	Agreeable	Agreeable
3	Electrical Conductivity	IS 3025 (Part-14):2013	μ S/cm	34.2	--	--
4	Turbidity	IS 3025 (Part-10):1984	NTU	< 1.0	Max 1	Max 5
5	pH value	IS 3025 (Part-11):2022	--	6.62	6.5 to 8.5	No Relaxation
6	Total Dissolved Solids	IS 3025 (Part-16):2023	mg/L	19.0	Max 500	Max 2000
7	Total Hardness as CaCO_3	IS 3025 (Part-21):2009	mg/L	< 1.0	Max 200	Max 600
8	Carbonate Hardness as CaCO_3	IS 3025 (Part-21):2009	mg/L	< 1.0	--	--
9	Non-Carbonate Hardness as CaCO_3	IS 3025 (Part-21):2009	mg/L	NIL	--	--
10	Total Alkalinity as CaCO_3	IS 3025 (Part-23):1986	mg/L	11.0	Max 200	Max 600
11	Calcium as Ca	IS 3025 (Part-40):1991	mg/L	< 1.0	Max 75	Max 200
12	Magnesium as Mg	IS 3025 (Part-46):1994	mg/L	< 1.0	Max 30	Max 100
13	Chloride as Cl	IS 3025 (Part-32):1988	mg/L	8.86	Max 250	Max 1000
14	Sulphate as SO_4	IS 3025 (Part-24) Sec 1: 2022	mg/L	< 1.0	Max 200	Max 400
15	Iron as Fe	IS 3025 (Part-53):2003	mg/L	< 0.05	Max 1.0	No Relaxation
16	Nitrate as NO_3	IS:3025 Part-34):1988	mg/L	< 2.0	Max 45	No Relaxation
17	Silica as SiO_2	IS 3025 (Part-35):1988	mg/L	< 2.0	--	--
18	Phenolphthalein Alkalinity	IS 3025 (Part-23):1986	mg/L	NIL	--	--
19	Total Coliform	IS 15185: 2016	CFU/100ml	< 1	Shall not be detectable in any 100 ml sample	
20	E. Coli	IS 15185: 2016	CFU/100ml	< 1		

Note: < 1 CFU/100ml is considered as not detected.

Remarks: The above water sample complies with Acceptable Limits of Drinking Water Specification as per IS 10500:2012 with respect to above parameters tested.

End of Report

For BRIGHT MINDS VIDYODAYA

M. Sundar
CORRESPONDENT



R. Lalitha
PRINCIPAL
BRIGHT MINDS VIDYODAYA
KEEL PUDUPETTAI,
WALAJAHPET - SHOLINGHUR ROAD
WALAJAHPET - 632 513

Authorized Signatory