

**ASIAN ENVIRO LABS PVT LTD**#.1, 200 Feet Pallavaram to Thuraipakkam Radial Road,
Zamin Pallavaram, Chennai - 600 043.Tamil Nadu.**TEST REPORT**

ULR No:TC1005125000003052F

LRI No: AEL2050010A

Report Date: 02.05.2025

Page 1 of 2

CUSTOMER DETAILS

Customer Name & Address **M/s Adithya Global School**
SF.No: 346, Sathy Road, EB Colony,
Kurumbapalayam, SS Kulam, Tamil Nadu - 641 107.



Customer Reference Test Request dated: 24.04.2025

SAMPLE DETAILS

Product Category	Water	Sample Code	FD25040232
Sample Name	Drinking Water	Sample Received on	24.04.2025
Sample Description by Customer	RO Water	Sample Conditions at Receipt	Fit for Analysis
Sample Quantity& Packing	5 Ltr X 1 No	Test Commenced on	24.04.2025
Sampled by	Not drawn by laboratory	Test Completed on	02.05.2025
Testing performed at	Permanent Facility	Information Provided by Customer	--

TEST RESULTS – CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirements as per IS 10500:2012	
					Acceptable Limit	Permissible limit in the absence of Alternate Source
1	pH value@25°C	IS 3025 (Part-11):2022	--	6.62	6.5 to 8.5	No Relaxation
2	Electrical Conductivity@25°C	IS 3025 (Part-14):2013	µS/cm	65.4	--	--
3	Taste	IS:3025 Part-8: 2023	--	Agreeable	Agreeable	Agreeable
4	Colour	IS 3025 (Part-4):2021	Hazen	< 1.0	Max 5	Max 15
5	Odour	IS 3025 (Part-5):2018	--	Agreeable	Agreeable	Agreeable
6	Turbidity	IS 3025 (Part-10):2023	NTU	< 1.0	Max 1	Max 5
7	Total Dissolved Solids@180°C	IS 3025 (Part-16):2023	mg/L	36.0	Max 500	Max 2000
8	Total Hardness as CaCO ₃	IS 3025 (Part-21):2009	mg/L	8.0	Max 200	Max 600
9	Calcium as Ca	IS 3025 (Part-40):1991	mg/L	2.0	Max 75	Max 200
10	Magnesium as Mg	IS 3025 (Part-46):1994	mg/L	< 1.0	Max 30	Max 100
11	Chloride as Cl	IS 3025 (Part-32):1988	mg/L	20.0	Max 250	Max 1000
12	Total Alkalinity as CaCO ₃	IS 3025 (Part-23):2023	mg/L	11.0	Max 200	Max 600
13	Iron as Fe	IS 3025 (Part-53) (1,10 Phenanthroline Method):2003	mg/L	< 0.05	Max 1.0	No Relaxation
14	Sulphate as SO ₄	IS 3025 (Part-24) Sec 1:2022	mg/L	< 1.0	Max 200	Max 400
15	Nitrate as NO ₃	IS 3025 (Part-34):1988	mg/L	< 2.0	Max 45	No Relaxation
16	Silica as SiO ₂	IS 3025 (Part-35):1988	mg/L	< 2.0	--	--
17	Free residual chlorine	IS 3025 (Part-26):2021	mg/L	< 0.1	*Min 0.2	Max 1
18	Fluoride as F	APHA 24 th Edition 4500-F D:2023	mg/L	< 0.1	Max 1.0	Max 1.5
19	Sodium as Na	IS 3025 (Part-45):1993	mg/L	3.82	--	--

Asha.A**TM - Biological**

Authorized Signatory

Mugilan.K**TM Chemical**

Authorized Signatory

The results are related to the sample tested and this report shall not be reproduced except in full without the written approval of the laboratory.

AEL/QAD/ERM/100/01-00

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Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirements as per IS 10500:2012	
					Acceptable Limit	Permissible limit in the absence of Alternate Source
20	Cadmium as Cd	IS 3025 (Part-2):2019	mg/L	< 0.001	Max 0.003	No Relaxation
21	Lead as Pb	IS 3025 (Part-2):2019	mg/L	< 0.005	Max 0.01	No Relaxation
22	Mercury as Hg	AEL/INS/SOP/004	mg/L	< 0.001	Max 0.001	No Relaxation
23	Arsenic as As	IS 3025 (Part-2):2019	mg/L	< 0.005	Max 0.01	No Relaxation
24	Chromium as Cr	IS 3025 (Part-2):2019	mg/L	< 0.005	Max 0.05	No Relaxation
25	Aluminium as Al	IS 3025 (Part-2):2019	mg/L	< 0.01	Max 0.03	Max 0.2

TEST RESULTS – BIOLOGICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirements as per IS 10500:2012
1	Total Coliform	IS 15185:2016	CFU/100ml	< 1	Shall not be detectable in any 100ml sample
2	Escherichia coli	IS 15185:2016	CFU/100ml	< 1	

Note: < 1 CFU/100ml is considered as not detected, * Applicable only when water is chlorinated.

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

Asha.A
TM - Biological
Authorized Signatory**Mugilan.K**
TM Chemical
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