



# ASIAN ENVIRO LABS PVT LTD

#.1, 200 Feet Pallavaram to Thuraipakkam Radial Road,  
Zamin Pallavaram, Chennai - 600 043. Tamil Nadu.



TC - 10051

## TEST REPORT

ULR No: TC1005123000001809F

LRI No: AEL23060160A

Report Date: 17.06.2023

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### CUSTOMER DETAILS

Customer Name & Address	M/s Adithya Global School SF.No: 346, Sathy Road, EB Colony, Kurumbapalayam SS Kulam, Tamilnadu - 641107.
Customer Reference	Test Request dated: 13.06.2023



### SAMPLE DETAILS

Product Category	Water	Sample Code	FD23060054
Sample Name	Drinking Water	Sample Received on	13.06.2023
Sample Description By Customer	RO Water	Sample Conditions at Receipt	Fit for Analysis
Sample Quantity & Packing	5 Ltr X 1 No	Test Commenced on	13.06.2023
Sampled by	Not drawn by laboratory	Test Completed on	16.06.2023
Testing performed at	Permanent Facility	Information Provided by Customer	--

### TEST RESULTS - CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per IS 10500:2012	
					Acceptable Limit	Permissible limit in the absence of Alternate Source
1	pH value	IS 3025 (Part-11):1983	--	7.21	6.5 to 8.5	No Relaxation
2	Electrical Conductivity	IS 3025 (Part-14):2013	µS/cm	62.3	--	--
3	Colour	IS 3025 (Part-4):2021	Hazen	< 1	Max 5	Max 15
4	Odour	IS 3025 (Part-5):2018	--	Agreeable	Agreeable	Agreeable
5	Taste	IS 3025 (Part-8):1984	--	Agreeable	Agreeable	Agreeable
6	Turbidity	IS 3025 (Part-10):1984	NTU	< 1	Max 1	Max 5
7	Total Dissolved Solids	IS 3025 (Part-16):1984	mg/L	34.0	Max 500	Max 2000
8	Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part-21):2009	mg/L	8.06	Max 200	Max 600
9	Calcium as Ca	IS 3025 (Part-40):1991	mg/L	2.02	Max 75	Max 200
10	Magnesium as Mg	IS 3025 (Part-46):1994	mg/L	< 1	Max 30	Max 100
11	Chloride as Cl	IS 3025 (Part-32):1988	mg/L	19.5	Max 250	Max 1000
12	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part-23):1986	mg/L	9.90	Max 200	Max 600
13	Sulphate as SO <sub>4</sub>	IS 3025 (Part-24):1986	mg/L	< 1	Max 200	Max 400
14	Nitrate as NO <sub>3</sub>	IS:3025 Part-34): 1988	mg/L	< 2	Max 45	No Relaxation
15	Fluoride as F	APHA 23 <sup>rd</sup> EDI 4500 F-D:2017	mg/L	< 0.1	1.0	1.5
16	Iron as Fe	IS 3025 (Part-53):2003	mg/L	< 0.05	Max 1.0	No Relaxation
17	Sodium as Na	IS:3025 Part-45 : 1993	mg/L	4.92	--	--
18	Silica as SiO <sub>2</sub>	IS 3025 (Part-35):1988	mg/L	< 2	--	--
19	Free residual chlorine	IS 3025 (Part-26):2021	mg/L	< 0.1	0.2	1
20	Cadmium as Cd	IS:3025 Part-2 : 2019	mg/L	< 0.0008	0.003	No Relaxation

*Ali Mohamed A*

Ali Mohamed A  
Lab Manager

Authorized Signatory

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

AEL/QAD/FRM/100/01-00

*A. Thamaraiselvan*

Thamaraiselvan A  
Managing Director  
Authorized Signatory



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### TEST RESULTS - CHEMICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per IS 10500:2012	
					Acceptable Limit	Permissible limit in the absence of Alternate Source
21	Lead as Pb	IS:3025 Part-2 : 2019	mg/L	< 0.01	0.01	No Relaxation
22	Mercury as Hg	AEL/INS/SOP/004:2021	mg/L	< 0.0004	0.001	No Relaxation
23	Arsenic as As	IS:3025 Part-2 : 2019	mg/L	< 0.01	0.01	No Relaxation
24	Chromium as Cr	IS:3025 Part-2 : 2019	mg/L	< 0.001	0.05	No Relaxation
25	Aluminium as Al	IS:3025 Part-2 : 2019	mg/L	< 0.005	0.03	0.2

### TEST RESULTS - BIOLOGICAL DISCIPLINE

Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirements as per IS 10500:2012
1	Coliform	IS 1622 :1981	MPN/100ml	< 2	Absent/100 ml
2	Escherichia Coli	IS 1622 :1981	MPN/100ml	< 2	Absent/100 ml

MPN - Most Probable Number.

NOTE: < 2 MPN/100ml Considered as absent.

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\*\*\*

Ali Mohamed A  
Lab Manager

Authorized Signatory

Thamaraiselvan.A  
Managing Director

Authorized Signatory

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