

2024-25



INVENTIUM LABORATORIES AND TRAINING CENTER

APPROVED BY KERALA STATE POLLUTION CONTROL BOARD, APPROVAL NO: PCB/LAB/C03/2023

17/432 (6), ANR COMPLEX, OPP. TOWN RAILWAY STATION PALAKKAD, KERALA, PIN-678001

PH: 7907273228 EMAIL: inventiumlabs@gmail.com

TEST REPORT

REPORT NUMBER: INV/119/2024

REPORT DATE: 08-08-2024

SAMPLE RECEIVED FROM: St. Xavier's Central School

SAMPLE CODE: INV/08W116/2024

Mangalam Dam, Palakkad

SAMPLE RECEIPT DATE: 06-08-2024

Pin: 678706

PERIOD OF ANALYSIS: 06-08-2024 - 08-08-2024

Ph: 9544398073

SOURCE OF SAMPLE: R.O Water

Sl. No	Parameter	Unit	Acceptable Limit As per IS 10500 - 2012	Test Report
1	Ph	-	6.5-8.5	5.31
2	Odour	-	-	AGREEABLE
3	Conductivity	µs/cm	500	15
4	Total dissolved solids	ppm	500	8.7
5	Turbidity	NTU	5	0
6	Total hardness as CaCO ₃	Mg/L	200	3.80
7	Calcium	Mg/L	75	0.76
8	Magnesium	Mg/L	30	0.46
9	Total alkalinity as CaCO ₃	Mg/L	200	10
10	Chloride	Mg/L	250	7.92
11	Fluoride	Mg/L	1	0.13
12	Iron	Mg/L	0.3	<0.01
13	Sulphate	Mg/L	200	1.46
14	Total Coliform	MPN/100ml	NIL	NIL

•EC-Electrical Conductivity, TDS - Total Dissolved Solids, µS Micro Siemens, NTU -Nephelometric Turbidity Unit, BIS-Bureau of Indian Standards, MPN- Most Probable Number

•Coliform should not be present in 100ml of sample as per BIS standard

Analyst



Authorized Signatory

Wherever the sample was taken by samples and was brought to the lab by the person mentioned above.

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