



TEST REPORT


Doc.No: DWTL/FORM/7.8.01

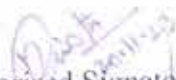
Report No:	47468	Report Issue Date :	24/11/2023	Page No : 01 of 01
Invoice Details:	207/Dt.22/11/2023 Amt.Rs.1652 /-			

Client Name & Address Contact No / Email ID	:	Servite School, No.3/222,Palay Main Road, Indra Nagar, Maravanmadam, Thoothukudi District.
Sample Name	:	Water
Sample Number	:	47468
Sample Description	:	Drinking Water -RO Water
Sample Submitted by	:	Salmon
Location & Date	:	School Campus & 22/11/2023
Quantity of sample Received	:	2 Litre
Sample Container	:	Jerry Can
Sample Condition on Receipt	:	Good
Sample Received On	:	22/11/2023
Test Commenced on	:	22/11/2023
Test Completed on	:	24/11/2023
Environmental Condition	:	23.0°C - 27.0°C

S.No	Parameters	Unit	Test Method	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH @ 25°C	-	IS 3025 Part 11-1983	6.25	6.5-8.5	6.5-8.5
2	Total Alkalinity as CaCO ₃	mg/L	IS 3025-Part 23-1986	48	200	600
3	Total Hardness as CaCO ₃	mg/L	IS 3025 Part 21-2009	32	200	600
4	Nitrate as NO ₃	mg/L	APHA 23rd Edition 2017- 4500 -NO3 B	<2	45	15
5	Chloride as Cl	mg/L	IS 3025-Part 32-1988	18	250	1000
6	Fluoride as F	mg/L	APHA 23rd Edition 2017 - 4500- F-D	<0.2	1.0	1.5
7	Sulphate as SO ₄	mg/L	IS 3025-Part 24-1986	<5	200	400

Remark: The tested sample not conformed to IS: 10500:2012 (RA: 2019) Drinking water specification with respect to above tested parameters. The Decision rule is not applicable.

.....End of the Report.....

Principal
Servite School
3/222, Palay Main Road,


Authorised Signatory
R. Vinoth Kumar B.Sc.
Junior Water Analyst(a.c.)

Note:
Indra Nagar, Maravanmadam
Thoothukudi - 628101

- The test results related to this report shall be valid only for the purpose for which it was issued.
- The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- Unless informed by customer, the test items will not be retained for more than 15 days from the date of issue of the test report.
- The result applied to the sample as received basis.



DISTRICT WATER TESTING LABORATORY

Manjalneerkayal, Palayakayal Post - 628 152,

Thoothukudi.

Phone: 04630 - 275225E-mail: jwadwtlcn@gmail.com


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Invoice Details:	207/Dt.22/11/2023 Amt.Rs.1652/-	

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500 : 2012	
					Acceptable Limit	Permissible Limit
1	Appearance	Physical observation	--	Clear	-	-
2	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
3	Odour	IS 3025 Part 5 : 1983	--	None	-	-
4	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0.0	1	5
5	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	110	500	2000
6	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	165	-	-
7	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
8	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	8	75	200
9	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	3	30	100
10	Sodium	APHA 23rd Edition 2017 - 3500 Na B	mg/L	20	-	-
11	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	2	-	-
12	Iron	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0	0.3	1
13	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0	0.1	0.3
14	Ammonia	APHA 17th Edition-1989- 4500 NH3C	mg/L	0	0.5	0.5
15	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500- NO2 B	mg/L	0	-	-
16	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0	-	-
17	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.00	-	-
18	Residual Chlorine as RC	IS/APHA	mg/L	0.0	0.2	1.00

.....Report continue.....


Principal
Servite School
3/222, Palai Main Road,
Indra Nagar, Maravanmadam
Thoothukudi - 628101


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 R. Vinoth Kumar B.Sc.
 Junior Water Analyst (a/c).

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- The Result applied to the sample as Received basis



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Manjalneerkayal, Palayakayal Post - 628 152,

Thoothukudi.

Phone: 04630 - 275225 E-mail: jwadwtltn@gmail.com

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Sample Name	: Water
Sample Code No.	: 47469
Source	: Drinking Water -RO Water
Sample Submitted By	: Salmon
Location & Date	: School Campus & 22/11/2023
Quantity of sample Received	: 2 Litre
Sample Container	: Jerry Cane
Condition Of Sample	: Good
Sample Received On	: 22/11/2023
Test Commenced on	: 22/11/2023
Test Completed on	: 24/11/2023
Environmental Condition	: 23.0°C - 27.0°C


The test result of sample received as follows

Sl.No	BACTERIOLOGICAL EXAMINATION:	Sample No. 2022/MDU/B139 Result	BIS 10500-2012
			Max Limit Nil/100 ml
1	Fecal coliform. CFU/100ml	Nil	

Result: The given water sample is chemically not potable and bacteriologically not contaminated.

..... End of the Report


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Indra Nagar, Maravanmadam
Thoothukudi - 628101


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4. The Result applied to the sample as Received basis