

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Post Office Upstair, Medical College Road,
Asaripallam, Nagercoil – 629201

Phone: 04652 - 238315

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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

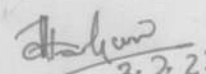
Test Report No:	TR/2023/46810	Report Issue Date :	03.07.2023	Page No.01 of 01
Invoice Details:	10010/ Dt.28.06.2023	ULR No.	TC106992300000323F	

Customer Name & Address : Ponjesly Public School CBSE next to
Contact No / Email.ID : Ponjesly College of Engineering,
Parvathipuram, Nagercoil

Sample Name : Water
Sample Name : 46810
Sample Description : R.O. Water – Drinking Purpose
Sample Submitted by : Customer
Location & Date : Scott Nagar, Nagercoil
Quantity of sample Received : 2 Litres
Sample Container : PT Cane
Sample Condition on Receipt : Good
Sample Received On : 28.06.2023
Test Commenced on : 28.06.2023
Test Completed on : 03.07.2023
Environmental Condition : 24.5⁰ C

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Permissible Limit in the absence of alternate source
1	pH	IS 3025 Part 11-1983	-	6.45	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	4	200	600
3	Total Alkalinity	IS 3025-Part 23-1986	mg/L	11	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	3	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	Less than 5	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 –NO ₃ B	mg/L	Less than 2	45	45
7	Fluoride as F	APHA 23rd Edition 2017 – 4500- F-D	mg/L	0.2	1.0	1.5

Remarks : The above water sample confirmed to IS 10500-2012. Drinking water specification with respect to above tested parameters.


3.7.23
Authorised Signatory

B.Hari Govind - Assistant Executive Engineer



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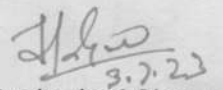
Report Issue Date : 03.07.2023

Invoice Details: 10010/ Dt.28.06.2023

S.No	Parameters	Test Method	Unit	Result	Specification as per IS 10500:2012(RA:2019)	
					Acceptable Limit	Acceptable Limit
8	Appearance	Physical observation	--	Clear	-	-
9	Colour	APHA 23rd Edition 2017 4500 H+B	Hazen	Colourless	Agreeable	Agreeable
10	Odour	IS 3025 Part 5 : 1983	--	None	-	-
11	Turbidity	APHA 23rd Edition 2017 - 2130 B	NTU	0	1	5
12	Total Dissolved Solids	APHA 23rd Edition 2017 - 2540 C	mg/L	22	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	µS/cm	33	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	2	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	0	30	100
17	Sodium	APHA 23rd Edition 2017 - 3500 Na B	mg/L	3	-	-
18	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	2	-	-
19	Iron	APHA 23rd Edition 2017- 3500 Fe B	mg/L	0.12	0.3	1
20	Manganese	APHA 23rd Edition 2017 - 3500 Mn B	mg/L	0.00	0.1	0.3
21	Ammonia	APHA 17th Edition-1989- 4500 NH3C	mg/L	0.04	0.5	0.5
22	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.01	-	-
23	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.05	-	-
24	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.32	-	-
25	Residual Chlorine as RC	IS / APHA	mg/L	0	0.2	0.2
26	Feacal Coliform	IS / APHA	CFU / 100 ml	0	0	0

Remarks : The above water sample confirmed to IS 10500-2012. Drinking water specification with respect to above tested parameters.

.....End of the report.....


3.7.23

Authorised Signatory

B.Hari Govind - Assistant Executive Engineer