



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

Post Office Upstair, Medical College Road,

Asaripallam, Nagercoil – 629201

Phone: 04652 - 238315

E-mail: jwalabngl@gmail.com



TC-10699

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No:	TR/2023/48140	Report Issue Date :	26.02.2024	Page No.01 of 02
Invoice Details:	10326/ Dt.21.02.2024/Rs.1,652/-			

Customer Name & Address	: Christ CMI Central School,
Contact No / Email.ID	Anjugramam Post,
	Kanyakumari District,
	Tamilnadu – 629 401
Sample Name	: Water
Sample Description	: Bore Well – Drinking Purpose
Sample Submitted by	: Christ CMI Central School
Location & Date	: Anjugramam
Quantity of sample Received	: 2 Litres
Sample Container	: PT Cane
Sample Condition on Receipt	: Good
Sample Received On	: 21.02.2024
Test Commenced on	: 21.02.2024
Test Completed on	: 26.02.2024
Environmental Condition	: 24.5 ⁰ 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	-	6.59	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-2009	mg/L	152	200	600
3	Total Alkalinity	IS 3025-Part 23-1986	mg/L	136	200	600
4	Chloride as Cl	IS 3025-Part 32-1988	mg/L	68	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-1986	mg/L	5	200	400
6	Nitrate as NO ₃	APHA 23rd Edition 2017- 4500 -NO ₃ B	mg/L	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.

[Signature] 26/2/24
Authorised Signatory

B.Hari Govind - Assistant Executive Engineer

Note:

1. The test results relate only to the items tested.
2. The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
3. 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.
4. The Result apply to the sample as Received.

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TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: TR/2023/48140-48141	Report Issue Date : 26.02.2024
Invoice Details: 10326/ Dt.21.02.2024	

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
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	326	500	2000
13	Conductivity	APHA 23rd Edition 2017 - 2510 B	μS/cm	495	-	-
14	P - Alkalinity	IS 3025-Part 23-1983	mg/L	0	-	-
15	Calcium	APHA 23rd Edition 2017 - 3500 Ca B	mg/L	37	75	200
16	Magnesium	APHA 23rd Edition 2017- 3500 Mg B	mg/L	14	30	100
17	Sodium	APHA 23rd Edition 2017 - 3500 Na B	mg/L	-	-	-
18	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	-	-	-
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	0.08	0.5	0.5
22	Nitrite as NO ₂	APHA 23rd Edition 2017- 4500-NO2 B	mg/L	0.03	-	-
23	Total Phosphate as PO ₄	APHA 23rd Edition 2017 - 4500 P- D	mg/L	0.10	-	-
24	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.22	-	-
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. The water is chemically potable and bacteriologically safe.

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

B. Hari Govind
26/2/24

Authorised Signatory

B.Hari Govind - Assistant Executive Engineer

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TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD

Water Analysis Laboratory, NAGERCOIL

☎ 238315

INVOICE No. **10326**

Date: 21/2/24

To
CHRIST C.M.I. CENTRAL SCHOOL,
Anjugramam post, Kanyakumari District
Tamil Nadu - 629401

Your Ref. No. 500195 / dt. 20/2/24 for Rs. 1652/- (Sixteen Hundred and Fifty Two only)

Our Ref. No. 48140/48141 Lab. / NGL / 20 24

Dated: 21/2/24 Nagercoil

Sl. No.	Description	No. of Samples	Rate	Amount
	Towards Analysis Charges for			
1.	Physical & Chemical ✓	1 NO	1400 00	1400 00
2.	Bacteriological ✓			
3.	Construction	GST		252 00
4.	Partial Tests 18%			1652 00
5.	Bleaching Powder			
6.	Education			
			Total ⇒	

(Rupees) One Thousand Six hundred and fifty two only

Adjusted

J.L.No.

R.No.

Date

For R. V. V.
21/2/24
JUNIOR WATER ANALYST
TWAD BOARD, T.K. CIRCLE, 9D.W.T Lab)
NAGERCOIL

The Charges for Examination of samples should be paid by Demand Draft drawn in favour of Executive Engineer, TWAD Board, RWS Division, Nagercoil and Payable at Nagercoil