



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

DISTRICT WATER TESTING LABORATORY

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

Phone: 04652 - 238315

E-mail: jwalabngl@gmail.com

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No: TR/2024/49398-49399	Report Issue Date : 23.09.2024
Invoice Details: 10625/ Dt.19.09.2024	

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	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	3	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	-	-	-
18	Potassium	APHA 23rd Edition 2017 - 3500 K B	mg/L	-	-	-
19	Iron	APHA 23rd Edition 2017 - 3500 Fe B	mg/L	0.24	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	0.10	-	-
24	Tidys	APHA 23rd Edition 2017 - 4500 O - B	mg/L	0.52	-	-
25	Residual Chlorine as RC	IS / APHA	mg/L	0	0.2	0.2

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.....

[Signature]
23/9/24

Reviewed & 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. 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.

Issue No./Date	01/01.10.2021	Amend. No/ Date	02.01.2024	Page No	2 of 1
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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

TEST REPORT

Doc.No: DWTL/FORM/7.8/01

Test Report No:	TR/2024/49398	Report Issue Date :	23.09.2024	Page No.01 of 02
Invoice Details:	10625/Dt.19.09.2024/ Rs.1,652/-			

Customer Name & Address : The Packianath Public School – CBSE,
Contact No / Email.ID : Kattathurai Post,
Pincode – 629 158

Sample Name : Water
Sample Description : Drinking Water (R O water)
Sample Submitted by : The Packianath Public School – CBSE
Location & Date : Kattathurai
Quantity of sample Received : 2 Litres
Sample Container : Jerry Cane
Sample Condition on Receipt : Good
Sample Received On : 19.09.2024
Test Commenced on : 19.09.2024
Test Completed on : 23.09.2024
Environmental Condition : 24.5° 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 11-2022	-	6.88	6.5-8.5	6.5-8.5
2	Total Hardness as CaCO ₃	IS 3025 Part 21-2009 (RA 2019)	mg/L	6	200	600
3	Total Alkalinity	IS 3025-Part 23-2023	mg/L	8	200	600
4	Chloride as Cl	IS 3025-Part 32-1988 (RA 2019)	mg/L	8	250	1000
5	Sulphate as SO ₄	IS 3025-Part 24-2022(Turbidity Method)	mg/L	<2	200	400
6	Nitrate as NO ₃	APHA 24 th Edition 2023 – 4500 –NO ₃ B	mg/L	<2	45	45
7	Fluoride as F	APHA 24 th Edition 2023 – 4500- F-D	mg/L	0.1	1.0	1.5

Remarks: The tested sample confirmed to IS: 10500:2012 (RA 2019) Drinking water Acceptable limit specification with respect to above tested parameters.

[Signature]
23/9/24

Reviewed & Authorised Signatory
B. Hari Govind – Assistant Executive Engineer

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SANITARY CERTIFICATE

Ref. L. Dis. No 6690A4/2024

O/o. District Health Officer,
Health Unit District,
Nagercoil.

Dt:

THE TAMILNADU EDUCATIONAL RULES CHAPTER-III (Rule 24 & Appendix-3)

I hereby declare that I have caused to be inspect the building and premises of
The Packianath Public School (C.B.S.E.), TVM
Main Road, Kattathurai
Kalkulam Taluk, Kanyakumari District on 15.07.24 and certify that the accommodation
provided for each and the several classes is sufficient for the maximum number of pupils taught therein and is
properly ventilated and lighted. That the building is maintained with substantial repairs and is neat and clean that
the latrine arrangements are adequate and satisfactory, that the supply of drinking water is wholesome and that in
all other necessary aspects the sanitation is satisfactory.

This certificate valid upto 31.05.2025

Certificate is issued with the following conditions:

1. Establishing hand wash facilities at the entrance.
2. Toilets and Urinals must be kept hygienically clean and adequate water supply should be provided.
3. Environment and campus should be kept clean and neat and should be free from Dengue Aedes Larva.
4. Provide safe and protected drinking water.
5. First Aid box should be maintained with drug properly.
6. Tobacco prohibition board should be displayed as per COTPA 2003.

Countersigned on the basis of the BHS inspection finding

District Health Officer,
Health Unit District,
Nagercoil.

21/7/24



6th way
15/7/24
BLOCK HEAD OFFICE
GOVT. DISTRICT HEALTH OFFICE
NAGERCOIL
KANYAKUMARI DISTRICT

Annexure C

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. L. Dis. No 6690/A4/2024

Dated: 23/09/2024

It is certified that an inspection team headed by **Paulin Shaya Rani** Block Health Supervisor (Name of Officers with designation) from **Health Unit District, Kanyakumari PHED** Inspected the **The Packianath Public School, Kattathurai, Kanyakumari, Tamilnadu** (Name & Address of the school) on **23.09.2024** (date of inspection) and on the basis of Water Test Report (Attached) bearing no. **TR/2024/49398** dated **23.09.2024**. of **Tamilnadu Water Supply and Drainage Board** (PHED Lab) certified that the **The Packianath Public School**, (Name of school) has safe drinking water facilities for the students and members of staff of the institution. School also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt. This certificate is valid till **31.05.2025**.



Signature with Seal:

Name

Designation

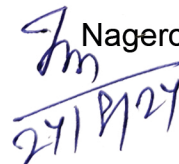
Name & Address of the Office/ Department:

BLOCK HEALTH SUPERVISOR
GOVT. PRIMARY HEALTH CENTRE
KOTHANALLUR
KANYAKUMARI DISTRICT

To,
The Manager,
The Packianath Public School,
Kattathurai, Kanyakumari,
Tamil Nadu-629158
(Name & Address of the Institution)

Countersigned on the basis of the BHS inspection findings


District Health Officer
Health Unit District,
Nagercoil


27/9/24