



ZEELAND ANALYTICAL LABORATORY

Building No. 39/906, 39/906A, Thengasseril Building
Near BSNLOffice, Thripunithura Ernakulam, Kerala, Pin 682301
E-mail- zeelandanalyticallaboratory@gmail.com, Contact- 9946099989, 7034488070

Laboratory Approved By Kerala State Pollution Control Board

TEST REPORT

Report No:	ZAL/08/26/TR/14	Issued Date:	10/08/2026	Page: 01 of 02
Name and Address of Customer	The Principal Bhavan's Vidyamandir Enoor, Tripunithura, Ernakulam			
Source of Sample	Municipal Tap Water	Date of Sample Receipt	07/08/2026	
Sample Code	ZAL/08/26/14	Date of Analysis Started	07/08/2026	
Sampling Details	Customer	Date of Analysis Completed	08/08/2026	
Sample Qty	2 L +100 ml	Sample Description	Clear Liquid	
Condition of sample	Fit for Analysis	Type of Packing	Unsealed 2L bottle 100ml Sterile bottle	

CHEMICAL PARAMETERS

SLNO	PARAMETERS	UNIT	TEST METHOD	RESULT	Desirable Limit as per IS 10500: 2012
1	Colour	TCU	IS 3025 -part 4	Agreeable	5
2	Odour	-	IS 3025- Part 5	Agreeable	Agreeable
3	Taste	-	IS 3025- Part 8	-	Agreeable
4	pH	-	FSSAI Manual of Methods of analysis Food water 2016	7.46	6.50 - 8.50
5	Turbidity	NTU	FSSAI Manual of Methods of analysis Food water 2016	BDL	Max. 1.0
6	Electrical Conductivity	Mhos/cm	APHA 21 st Edition 2005	30.00	---
7	Total Dissolved Solids	mg/l	IS 3025-Part 16	21.00	Max.500
8	Total Hardness as (CaCO ₃)	mg/l	IS 3025-Part 21	12.00	Max.200
9	Calcium as (Ca)	mg/l	IS 3025-Part 40	3.206	Max.75
10	Magnesium as (Mg)	mg/l	IS 3025-Part 46	0.972	Max.30
11	Total Alkalinity	mg/l	FSSAI Manual of Methods of analysis Food water 2016	8.00	Max.200
12	Chloride as (Cl)	mg/l	FSSAI Manual of Methods of analysis Food water 2016	9.996	Max.250
13	Iron as (Fe)	mg/l	APHA 3500 FEB,24 TH Ed	0.183	Max.1.0
14	Nitrate (as NO ₃)	mg/l	IS 3025-Part 34	14.847	Max. 45
15	Fluoride (as F)	mg/l	APHA 4500 F D,24 TH Ed	0.809	Max.1.0
16	Sulphate (asSO ₄)	mg/l	IS 3025-Part 24	4.756	Max. 200
17	Residual Chlorine	mg/l	FSSAI Manual of Methods of analysis Food water 2016	BDL	0.2
18	Ammonia as Total ammonia-N	mg/l	APHA 4500 NH ₃ ,24 TH Ed	0.112	Max.0.5

BDL: Below Detection Limit

NOTE: Precision parameters apply in the determination of the above results. This report shall not be reproduced except without written approval of the Authorized person from the laboratory.

OUR EXPERTISE

- Water Testing
- Water Treatment Plant (WTP)
- Effluent Treatment Plant (ETP)
- Sewage Treatment Plant (STP)



Authorized Signatory
Dr. HANEESH K.M
Chief Analyst Chemical & Bacteriology





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MICROBIOLOGY PARAMETERS

SI NO	PARAMETERS	UNIT	METHOD	RESULT	LIMIT
1	Total Coliform	MPN/100ml	IS 1622-2016	Absent	Shall not be detectable in any 100 ml sample
2	Faecal Coliform	MPN/100ml	IS 1622-2016	Absent	
3	<i>E. coli</i> or <i>Thermotolerant Coliform</i> bacteria Present/Absent in 100ml sample.	MPN/100ml	IS 1622-2016	Absent	

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നടത്തിയ പരിശോധനയുമായി ബന്ധപ്പെട്ട് IS: 10500-2012 (രണ്ടാം പുനരവലോകനം) കുടിവെള്ള സ്പെസിഫിക്കേഷൻ പ്രകാരം മുകളിലുള്ള പരിശോധനാ ഫലം തൃപ്തികരമാണ്.

The above test result is Satisfactory as per IS: 10500-2012 (Second Revision) Drinking Water Specification with respect to the test conducted.

No of Test Conducted: 21

End of Report



Signature
Authorized Signatory
Dr. HANEESH K.M

Chief Analyst Chemical & Bacteriology

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- Effluent Treatment Plant (ETP)
- Sewage Treatment Plant (STP)



ആരോഗ്യ-മാതൃഭാഷ



തൃപ്പൂണിത്തുറ മുനിസിപ്പാലിറ്റി
പിൻ കോഡ്- 682301

GSTIN:32CHNT00334F1DB ഫോൺ നമ്പർ : 0484-2780318

<https://thrippunithuramunicipality.lsgkerala.gov.in>,
musectripunithura@gmail.com

നമ്പർ: 5258584-2026

തീയതി : 02-08-2026

SANITATION CERTIFICATE

This is to certify that Bharatiya Vidya Bhavan's Bhavans Vidya Mandir in Tripunithura Municipality area, Erour West, inspected by the HealthStaff on 28/07/2026. At the time of inspection the school premises and building were kept clean. Availability of drinking water, health and sanitary facilities are completely satisfactory.

This certificate is issued to produce before CBSE Authorities.



Raphymon T.M.
8/11/26
4/8/2026

RAPHYMON.T.M
HEALTH INSPECTOR GR.- I

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