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File No.PH-5010/16

Dated: 15.07.2024

## SANITATION CERTIFICATE

This is to certify that Bharatiya Vidya Bhavan's Bhavans Vidya Mandir in Tripunithura Municipality area, Eroor West, inspected by the Health Staff on 11.07.2024. At the time of Inspection the school premises and building were kept clean. Availability of drinking water, health and sanitary facilities are completely satisfactorily.

This certificate is issued only to produce before the **CBSE** Authority of New Delhi.

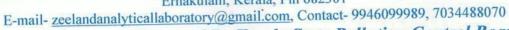


CLEAN CIT TRIPUNITHURA MUNICIPALITY KERALA, INDIA



# ZEELAND ANALYTICAL LABORATORY

Building No. 39/906, 39/906A, Thengasseril Building, Near BSNLOffice, Thripunithura Ernakulam, Kerala, Pin 682301







Report No: ZAL/05/25/TR/20

Date: 17/05/2025

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### TEST REPORT

Customer Name Address	BHAVANS VIDYA MANDIR EROOR, TRIPUNITHURA, KOCHI-682 306			
Source of Sample	Municipal Water	Date of Sample Receipt	14/05/2025	
Sample Code	ZAL/05/25/20	Date of Analysis Started	14/05/2025	
Sample By	Customer	Date of Analysis Completed	17/05/2025	
Sample Qty	1L+300 ML	Sample Description	Clear Liquid	
Condition of sample	Fit for Analysis	Type of Packing	Plastic bottle + 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
	pH		IS 3025-Part 11	7.28	6.50 - 8.50
5	Turbidity	NTU	IS 3025-Part 10	BDL	1
6	Electrical Conductivity 25 C °		IS 3025-Part 14	49	-
7	Total Dissolved Solids	mg/l	IS 3025-Part 16	32	500
8	Total Hardness as (CaCO <sub>3</sub> )	mg/l	IS 3025-Part 21	30	200
9	Calcium as (Ca)	mg/l	IS 3025-Part 40	6.01	75
10	Magnesium as (Mg)	mg/l	IS 3025-Part 46	3.64	30
11	Total Alkalinity	mg/l	IS 3025-Part 23	10	200
12	Acidity	Mg/l	IS 3025-Part 22	15	-
13	Chloride as (Cl)	mg/l	IS 3025 Part 32	24.99	250
14	Iron as (Fe)	mg/l	IS 3025-Part 53	0.06	1
15	Nitrate (as NO <sub>3</sub> )	mg/l	IS 3025-Part 34	BDL	45
16	Fluoride (as F)	mg/l	IS 3025-Part 60	0.91	1
17	Sulphate	mg/l	IS 3025-Part 24	3.15	200
18	Residual Chlorine	mg/l	IS 3025-Part 26	0.1	0.2

**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.

THRIPUNITHUR

PIN-682301

Remarks: satisfactory

No of Test Conducted: 18

Verified

OUR EXPERTISE

Water Testing

Water Treatment Plant (WTP)

Effluent Treatment Plant (ETP)

Sewage Treatment Plant (STP)

Haneesh K M (Sr. Analyst) **Authorized Signatory** Senior Analyst / Lab in charge Zeeland Analytical Laboratory





## ZEELAND ANALYTICAL LABORATORY









Report No: ZAL/05/25/TR/20

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### TEST REPORT

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## MICROBIOLOGY PARAMETERS

SI NO	PARAMETERS	UNIT	METHOD	RESULT	LIMIT	
1	Total Coliform	MPN/100ml	IS: 15185-2016	Absent MPN/100ML	Shall not be detectable in any 100 ml sample	
2	E.coli	MPN/100ml	IS: 15185-2016	Absent		

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

Remarks: ജല പരിശോധന ഫലം IS: 10500-2012 (Second Revision) പ്രകാരം തൃപ്നികരമാണ്.

End of Report

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

THRIPUNITHURA

PIN-682301

No of Test Conducted: 2

#### **OUR EXPERTISE**

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

Hancesh K M (Sr. Analyst) Senior Analyst / Lab in charge Zeeland Analytical Laboratory

