

# THRIKKAKARA MUNICIPALITY

KAKKANAD P.O, KOCHI – 21

PH. 0484-2422383

Mail Id. sectkramncplty@gmail.com Website: thrikkakara.lsgkerala.gov.in

GST No. 32AAALS3101L1ZB

H1/1642679-2025

Date: 27/05/2025

## SANITATION CERTIFICATE

This is to Certify that the Health and hygienic facilities are found satisfactory for running an Institution, named "BHAVANS VARUNA VIDAYALAYA " Kakkanad, Thrikkakara Kochi-682 021.

This certificate is issued produce before CBSE Board and valid only for the Academic year 2025- 2026.



*Handwritten signature*  
B-27-50223

Clean city Manager  
Thrikkakara Municipality

**WILSON M.X.**  
PEN: G50223  
Clean City Manager  
Public Health & Environment  
Management Wing, LSGD  
Thrikkakara Municipality

*Handwritten signature*

**Smt. Remadevi K P**  
Principal  
Bhavan's Varuna Vidyalaya  
Thrkkakara, Kochi - 682021



X *Handwritten signature*

**MANAGER**  
BHAVAN'S VARUNA VIDYALAYA  
THRIKKAKARA



TC-6793



## GOVERNMENT OF KERALA

REGIONAL ANALYTICAL LABORATORY  
KAKKANAD, ERNAKULAM, PIN – 682030.

E-mail: regionalanalyticalabernakulam@gmail.com

TEST REPORT

Report No.10053/A/24-25

ULR No:TC679325000001832F

Issue Date. 24.04.2025

Particulars of the sample : Drinking Water (Kerala Water Authority)	Name & Address of Customer : Bhavans Varuna Vidyalaya, Thrikkakara, Ernakulam – 682021.
Date of receipt of sample : 15.04.2025	
Date of Analysis : 15.04.2025 – 23.04.2025	
Condition of Sample : Fit for Analysis	Sample Quantity received : 2 L+ 125 ml
Sample Description : Clear, Colourless, Odourless liquid	Type of packing : Plastic Can + Sterile Bottle

**CHEMICAL TESTING**

Sl No.	Parameters	Test Method	Unit	Result	Acceptable Limit as per IS 10500 : 2012 (With Amendment No. 1, 2, 3 & 4)
1.	pH value	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	--	6.54	6.5-8.5
2.	Turbidity	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	NTU	0.81	Max. 1.0
3.	Total Alkalinity (as CaCO <sub>3</sub> )	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	mg/l	26.80	Max. 200
4.	Total Hardness(as CaCO <sub>3</sub> )	APHA,2340 ,24 <sup>th</sup> Edition	mg/l	21.89	Max. 200
5.	Calcium (as Ca)	APHA,3500 Ca,24 <sup>th</sup> Edition	mg/l	5.58	Max. 75
6.	Magnesium (as Mg)	APHA ,3500 Mg, 24 <sup>th</sup> Edition	mg/l	1.93	Max. 30
7.	Sulphates (as SO <sub>4</sub> )	Official Methods of AOAC, Volume I, Method No: 973.57, 22 <sup>nd</sup> Edition	mg/l	Below LOQ (LOQ = 10mg/l)	Max. 200
8.	Fluoride (as F)	APHA,4500-F'D, 24 <sup>th</sup> Edition	mg/l	Below LOQ (LOQ = 0.2mg/l)	Max. 1.0
9.	Chloride (as Cl)	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	mg/l	11.74	Max. 250
10.	Nitrate ( as NO <sub>3</sub> )	APHA,4500 NO <sub>3</sub> B,24 <sup>th</sup> Edition	mg/l	2.53	Max. 45
11.	Total Dissolved Solids	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	mg/l	58.00	Max. 500
12.	Iron (as Fe)	APHA 3500 Fe B,24 <sup>th</sup> edition	mg/l	0.28	Max. 1.0
13.	Ammonia (as total ammonia - N)	APHA 4500 NH <sub>3</sub> F, 24 <sup>th</sup> edition	mg/l	Below LOQ (LOQ = 0.1mg/l)	Max. 0.5

LOQ = Limit of Quantification

Opinion: Satisfactory

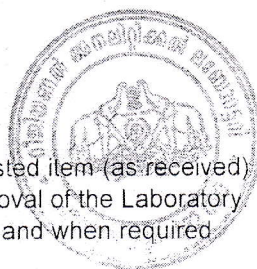
## Note:

1. The test report relates to the tested parameters and to the tested item (as received) only.
2. The report shall not be reproduced except in full without approval of the Laboratory
3. In Test report the decision rule of the laboratory is applied as and when required
4. The complete report includes both A and B reports

-End of the Report-



*Smt. Remadevi K P*  
Principal  
Bhavan's Varuna Vidyalaya  
Thrikkakara, Kochi - 682021



*Ruby Mathew*  
Authorized Signatory

*MANAGER*  
BHAVAN'S VARUNA VIDYALAYA  
THRIKKAKARA





RAL/TR/PVT

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## MICROBIOLOGICAL TESTING

Sl No.	Parameters	Test Method	Result	Acceptable Limit as per IS 10500 : 2012 (With Amendment No. 1, 2, 3 & 4)
1.	Coliforms	FSSAI Manual of Methods of Analysis - Microbiological Examination of Food & Water Part C, FSSAI 15.025:2024	Absent/100ml	Shall not be detectable in 100 ml
2.	E.coli	FSSAI Manual of Methods of Analysis - Microbiological Examination of Food & Water Part C, FSSAI 15.025:2024	Absent/100ml	

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