



TC-6793



## GOVERNMENT OF KERALA

REGIONAL ANALYTICAL LABORATORY  
KAKKANAD, ERNAKULAM, PIN – 682030.  
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**TEST REPORT**

Report No.11053/25-26

ULR No:TC67932500001684F

Issue Date. 30.03.2026

Particulars of the sample : Drinking Water (Kerala Water Authority)		Name & Address of Customer: Bhavans Varuna Vidyalaya, NPOL, Thrikkakara, Ernakulam – 682021.			
Date of receipt of sample : 17.03.2026					
Date of Analysis : 17.03.2026 – 30.03.2026					
Condition of Sample : Fit for Analysis					
Sample Description: Clear, colourless, odourless liquid		Sample Quantity received : 2 L+ 125 ml			
		Type of packing : Plastic Can + Sterile Bottle			
<b>CHEMICAL TESTING</b>					
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	--	6.72	6.5-8.5
2.	Turbidity	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	NTU	0.18	Max. 1.0
3.	Total Alkalinity (as CaCO <sub>3</sub> )	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	mg/l	14.1	Max. 200
4.	Total Hardness(as CaCO <sub>3</sub> )	APHA,2340 ,24 <sup>th</sup> Edition	mg/l	24.6	Max. 200
5.	Calcium (as Ca)	APHA,3500 Ca,24 <sup>th</sup> Edition	mg/l	4.93	Max. 75
6.	Magnesium (as Mg)	APHA ,3500 Mg, 24 <sup>th</sup> Edition	mg/l	2.99	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 = 10 mg/l)	Max. 200
8.	Fluoride (as F)	APHA,4500-F'D, 24 <sup>th</sup> Edition	mg/l	Below LOQ (LOQ = 0.2 mg/l)	Max. 1.0
9.	Chloride (as Cl)	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	mg/l	11.48	Max. 250
10.	Nitrate ( as NO <sub>3</sub> )	APHA,4500 NO <sub>3</sub> B,24 <sup>th</sup> Edition	mg/l	Below LOQ (LOQ = 2.0 mg/l)	Max. 45
11.	Total Dissolved Solids	FSSAI Manual of Methods of Analysis of Foods-Water, 2016	mg/l	52.0	Max. 500
12.	Iron (as Fe)	APHA 3500 Fe B,24 <sup>th</sup> edition	mg/l	Below LOQ (LOQ = 0.1 mg/l)	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 = 0.1 mg/l)	Max. 0.5

LOQ = Limit of Quantification

**MICROBIOLOGICAL TESTING**

14	Coliforms	FSSAI 15.025:2024	Absent/100ml	Shall not be detectable in 100 ml
15	E.Coli	FSSAI 15.025:2024	Absent/100ml	

Opinion: **Satisfactory**

Verified by HOS: *May*

Note:

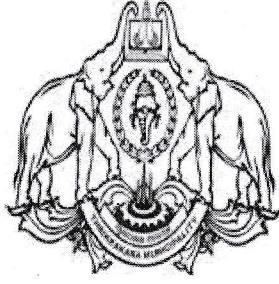
1. The test report relates to the tested parameters and to the tested item (as received) only.
2. The report shall not be reproduced except in full without approval of the Laboratory.
3. In Test report the decision rule of the laboratory is applied as and when required.



*[Signature]*  
**Ruby Mathew**  
Authorised Signatory

P1P

-End of the Report-



## Thrikkakara Municipality

Pincode: 682030 GST: 32AAALS3101L1ZB

Phone number 0484-2422383 Email: sectkramncplty@gmail.com

<https://thrikkakaramunicipality.lsgkerala.gov.in>,

Certificate number : 4068246-2026

Date : 13-05-2026

### SANITARY CERTIFICATE

This is to certify that the sanitary conditions, waste disposal amenities and hygienic conditions of BHAVANS VARUNA VIDAYALAYA THRIKKAKARA, KOCHI - 682021 in THRIKKAKKARA MUNICIPALITY area are good and satisfactory at the time of inspection.

Validity of this certificate is only up to 31.03.2027

Document certified by T K SATHEESH KUMAR  
<satheeshpvr@gmail.com>

Digitally signed by T K SATHEESH KUMAR  
Date: 2026.05.13 15:29:55 IST  
Reason: KSMART

Clean City Manager