



**Government Analysts' Laboratory**  
Commissioner of Food Safety  
Department of Health and Family Welfare  
Thiruvananthapuram  
Ph: No. 0471-2472192



**Report No.31794 Part A /2024-25**

**Dated: 20.12.2024**

**ULR No. TC 545524000006497 F**

**Chemical Testing - Water**

**TEST REPORT**

Description of Sample : **Well**

Sample details : The sample received in plastic bottle

Source : **Raja Ravi Varma Central School, East, Malayamadom, Kilimanoor, Trivandrum – 695 601**

Date of Receipt : 26.11.2024

Date of Analysis : Started on 11.12.2024 and completed on 16.12.2024

Quantity of Sample : 2 L

Physical Appearance : Clear liquid

Sl. No.	Characteristics	Name of method of test used	Result	Acceptable limit as per IS No. 10500:2012 (with amendment nos.1,2,3 & 4)
1.	Colour (Hazen Unit)	IS 3025 Part 4:2021	BDL LOD-2.0 HU	5
2.	Odour	FSSAI Manual for analysis of water 2016-section A-I (2)	Agreeable	Agreeable
3.	pH	IS 3025 Part 11:2022	6.52	6.5 to 8.5
4.	Total Dissolved Solids (mg/l)	FSSAI Manual for analysis of water 2016-section A-I (6)	145.8	Maximum 500.0
5.	Total Hardness as (as CaCO <sub>3</sub> ) (mg/l)	IS 3025 Part 21:2009; RA 2019	50.0	Maximum 200.0
6.	Alkalinity (mg/l)	IS 3025 Part 23:2023/IS 3025 Part 22:1986; RA 2019	8.36	Maximum 200.0
7.	Iron (as Fe) (mg/l)	APHA 24 <sup>th</sup> Edition 2023(3500 Fe-B)	BLQ LOQ-0.2 mg/l	Maximum 1.0
8.	Chloride (as Cl) (mg/l)	IS 3025 Part 32: 1988; RA 2019	32.7	Maximum 250.0
9.	Sulphate (a SO <sub>4</sub> ) (mg/l)	APHA 24 <sup>th</sup> Edition 2023 (4500 -SO <sub>4</sub> <sup>2-</sup> -E)	BLQ LOQ-5.0 mg/l	Maximum 200.0
10.	Nitrate (as NO <sub>3</sub> ) (mg/l)	APHA 24 <sup>th</sup> Edition 2023 (4500- NO <sub>3</sub> -B)	BLQ LOQ-1.0 mg/l	Maximum 45.0
11.	Ammonia as (as total ammonia -N) (mg/l)	APHA 24 <sup>th</sup> Edition 2023 (4500-NH <sub>3</sub> -F)	BLQ LOQ-0.1 mg/l	Maximum 0.5
12.	Turbidity (NTU)	IS 3025 Part 10:2023	0.57	Maximum 1

(LOD – Limit of Detection) (BDL– Below Detection Limit) (BLQ-Below Limit of Quantification) (LOQ-Limit of Quantification)

For **RAJA RAVI VARMA CULTURAL & EDUCATIONAL CENTRE**

**Food Analyst**

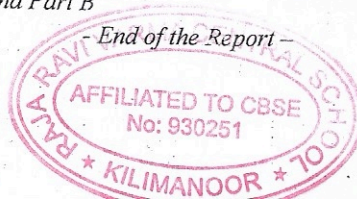
Note: 1. The report relates to the tested parameters and tested item (as received) only.

2. The report shall not be reproduced except in full without the approval of the laboratory

3. Complete report includes both Part A and Part B

- End of the Report -

**PRINCIPAL**  
**Raja Ravi Varma Central School**  
**Kilimanoor, Trivandrum**





Government Analysts' Laboratory  
Commissioner of Food Safety  
Department of Health and Family Welfare  
Thiruvananthapuram  
Ph: No. 0471-2472192



Report No.31794 Part B /2024-25

Dated: 20.12.2024

**TEST REPORT**

Description of Sample : **Well**

Sample details : The sample received in a sterile bottle

Source : **Raja Ravi Varma Central School, East, Malayamadom, Kilimanoor, Trivandrum – 695 601**

Date of Receipt : 26.11.2024

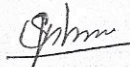
Date of Analysis : Started on 30.11.2024 and completed on 02.12.2024

Quantity of Sample : 125 ml

Physical Appearance : Clear liquid

Sl. No.	Characteristics	Name of method of test used	Result	Acceptable limit as per IS No. 10500:2012
1	Coliforms	IS 1622 -1981 Reaffirmed 2019	<2MPN/ 100 ml	<2 MPN/100ml
2	E.Coli	IS 1622 -1981 Reaffirmed 2019	Absent/100 ml	Absent/100ml

Opinion: വെള്ളത്തിന്റെ പരിശോധനാഫലം തൃപ്തികരം.

  
Food Analyst

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- End of the Report -



For RAJA RAVI VARMA CULTURAL  
& EDUCATIONAL CENTRE

  
SUNIL GOPINATH  
Chairman & Secretary