



GOVERNMENT OF KERALA

Food Safety Department,
Regional Analytical Laboratory,
Malaparamba, Kozhikode - 673009.
Ph:0495-2371101.Dated: 29.11.2025.
E-Mail ID: ralkozhikode@gmail.com.

No.50400/2025 -26 A

TEST REPORT

* Description of Sample : Drinking Water (Open Well)(Medical Officer, CHC Thalakkulathur, Kozhikode)
Sample details : The sample received in a plastic can and in a sterile lac sealed container.
* Source : Prograssive Public School, Annassery, Thalakkulathur
Date of Receipt : 11.11.2025
Date of analysis : 11.11.2025
Sample quantity : 2 L + 100 ml
Physical Appearance : **The sample consists of Clear Colourless Odourless liquid.**

Analytical Results:-

Sl. No.	Quality Characteristics	Nature of method of test used	Result	Desirable limit Prescribed standard as per IS No.10500:1991, 2012
(1)	(2)	(3)	(4)	(5)
1	p ^H at 25 ^o C	FSSAI Manual of methods of analysis of Foods (Water)	6.51	6.5 to 8.5
2.	Alkalinity(as CaCO ₃)	FSSAI Manual of methods of analysis of Foods (Water)	6.36 mg/l	200.0 mg/l
3.	Total Hardness (as CaCO ₃)	American Public Health Association (APHA) 24th Edition, Method No.2340	30.0 mg/l	200.0 mg/l
4	Sulphates(as SO ₄)	AOAC, 22nd Edition, Method No.973.57	14.54 mg/l	200.0 mg/l
5	Fluoride as F	American Public Health Association (APHA) 24th Edition, Method No.2340	<0.2 mg/l	1.0 mg/l
6	Chloride(as Cl)	FSSAI Manual of methods of analysis of Foods (Water)	27.79 mg/l	250.0 mg/l
7	Nitrate(as NO ₃)	American Public Health Association (APHA) 24th Edition, Method No.2340	31.60 mg/l	45.0

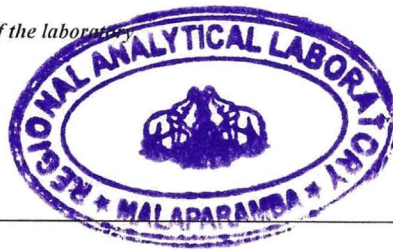
(PTO)

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8	Total Dissolved Solids at 25 ⁰ C	FSSAI Manual of methods of analysis of Foods (Water)	121 mg/l	500.0
9.	Residual Free Chlorine	IS 3025 Part 26	<0.1 mg/l	0.2 mg/l
10	Turbidity	FSSAI Manual of methods of analysis of Foods (Water)	< 0.02 NTU	5.0 NTU


Remarks: Satisfactory.


*The report relates only to the item tested.
The report shall not be reproduced except in full without approval of the laboratory.
The results applied to the sample as received.*




ANILKUMAR T
FOOD ANALYST

ULR NO:TC – 556625000006074F

Prepared by 

Verified by 



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No.50400/2025 -26 B


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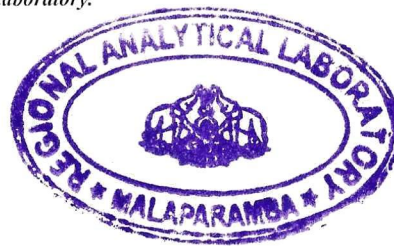
Analytical Results:-

Sl. No.	Quality Characteristics	Nature of method of Test used	Result	Desirable limit Prescribed standard as per IS No.10500:1991, 2012.
(1)	(2)	(3)	(4)	(5)
1	Iron(as Fe)	Qualitative Inorganic Analysis by Vogel	0.1 mg/l	1.0 mg/l
2	Ammonia	IS Method 3025	<0.1 mg/l	0.50 mg/l
3	Coliforms	FSSAI 15.025:2024	Absent/100ml	Shall be Absent.
4	E-Coli	FSSAI 15.025:2024	Absent/100ml	Shall be Absent.

**Information provided by the customer.
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End of the Report