

No: PH/Water/BAC/ 940/2025-26.

GOVERNMENT OF KARNATAKA

Office of Joint Director
Public Health Institute,
Bengaluru - 560001

Report of Bacteriological analysis of Water sample

Date: 29.09.2025

Principal Dev In National School # 3/1, Kodigehalli Main Road Sahakar Nagar Bangalore - 560092	Opinion						
	Sample No	Source & Particulars of Water Sample	M.P.N Count	Plate Count	D.C Test	S.P.P	N.S.P.P & FC
<p>Note: M.P.N Count: Most Probable number of Bacteria per 100ml of Water D.C Test: Differential Coliform test Plate Count: Plate Count per ml of sample SP: Water is satisfactory for Potable purpose NSPP: Water is not satisfactory for Drinking purpose NSPP & FC: Water is not satisfactory for Drinking purpose and E.Coli found</p>	3014	RO Water	NIL	—	—	SP	—

Principal
DEV IN NATIONAL SCHOOL
#3/1, Kodigehalli Main Road,
Sahakaranagar, Bangalore-560092

For Joint Director (Labs)
PUBLIC HEALTH INSTITUTE,
Bengaluru

(PTO)

Advice:

1. Sample

Need effective chlorination before

2. Sample

Need to avoid possible source of faecal contamination and effective chlorination before use
For the purpose of Chlorination. Refer the Annexure enclosed.

STANDARD FOR THE DRINKING WATER

		Presumptive Coliform count Per 100 ml	E Coli Count Per 100ml
CLASS 1	Excellent	0	0
CLASS 2	Satisfactory	1-3	0
CLASS 3	Suspicious	4-10	0
CLASS 4	Unsatisfactory	Greater than 10	0.1 or More



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Public Health Institute Premises,
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TC-11165

Report of the Food Analyst

ULR No	TC1116525000004550F
Report Number	SFLB/FSSA/PPC/19P/2025
Date of Sample Receipt	03.11.2025
Date of Sample Collection	NA
Sample is not drawn by the laboratory	
Sample Name	Drinking Water
Sample Appearance	Satisfactory [Colourless Liquid]
Sample Packing	Unsealed Plastic Bottle
Quantity Received	2 Litre
Date of Analysis	From:12.11.2025 to 13.11.2025
Date of Report	18.11.2025
Label declaration	Sampled - Sample

Sl. No	Parameter	Method of Analysis	Results (units)Mg/litre	Requirement Mg/litre Max	Permissible limit in the absence source Mg/litre Max As per Regulations 2.10.9
1	Total dissolved solids	FSSAI manual of methods of Analysis of Food. Water. Sec. A(I)(6)(B)	45.25	500	2000
2	Total Hardness (as CaCO ₃)	FSSAI manual of methods of Analysis of Food. Water. Sec. A(II)(8)(A)	18.07	200	600
3	Calcium (as Ca)	FSSAI manual of methods of Analysis of Food. Water. Sec. A(II)(14)(A)	3.22	75	200
4	Total Alkalinity (as CaCO ₃)	FSSAI manual of methods of Analysis of Food. Water. Sec. A(II)(9)	35.25	200	600
5	Chlorides (as Cl)	FSSAI manual of methods of Analysis of Food. Water. Sec. A(II)(5)(A)	32.29	250	1000
6	Magnesium	FSSAI manual of methods of Analysis of Food. Water. Sec. A(II)(6)(A)	2.44	30	100
7	pH value at 25°C	FSSAI manual of methods of Analysis of Food. Water. Sec. A(I)(3)	6.58	6.5 to 8.5	No relaxation

Statement of Conformity: The sample received for analysis conforms to the standards of above tested parameters of "drinking water" as per 2.10.9 of Food Safety and Standards [Food Products Standards & Food Additives] Regulations, 2011.

TS-C-2000
Signature of Authorised signatory
Name: E.C. Shobha
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Sl. No	Parameter	Method of Analysis	Results (units)Mg/litre	Requirement Mg/litre Max	Permissible limit in the absence source Mg/litre Max As per Regulations 2.10.9
1	Sulphate (as SO ₄)	FSSAI manual of methods of Analysis of Food. Water. Sec. A(II)(10)(A)	5.99	200	400
2	Iron (as Fe)	Standard methods for the examination of water & waste water part 3500	Not Detected	0.3	No relaxation
3	Fluoride (as F)	Standard methods for the examination of water & waste water part 4500 (D)	0.15	1.0	1.5
4	Nitrate (as NO ₃)	FSSAI MMAF Water Sec A(II) (4) (B)	8.52	45	No relaxation

Statement of Conformity: The sample received for analysis conforms to the standards of above tested Parameters of "drinking water" as per 2.10.9 of Food Safety and Standards [Food Products Standards & Food Additives] Regulations, 2011.


Signature of Authorised signatory
Name: B.C. Shobha
Chief Food Analyst
State Food Laboratory
Sheshadri Road
Bengaluru-01

End of Report

Disclaimer:

The test results in this report are only related to the sample received and analysed. This report shall not be reproduced in part or full without prior written approval from SFL Bengaluru. The sample will be stored at the facility for a maximum of 20 days or till the shelf-life expiry, whichever is earlier.

- CONFORMS/COMPLIANT – Results within limits/specifications
- NON-CONFORMS/NON-COMPLIANT– Results exceed limits/specification

Registered office:

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