



Pesticide Residue and Food Quality Analysis Laboratory
University of Agricultural Sciences
Lingsugur Road, Raichur, Karnataka, India



TEST REPORT

Customer Name and Address Royal Concorde School, # 12-6-341/1A/2, Potgal Cross, Chandrabanda Road, Raichur-584102.	ULR Number	ULR-TC757126000005013F
	Report No.	PRFQAL/294/2026
	Report Date (dd/mm/yyyy)	29/05/2026
	Number of Pages	02
	Customer Ref. No.	Inward No: 103 Date : 23/05/2026

Sample Details

Sample Name	RO Water		
Description	Drinking Water	Sample Received Date	23/05/2026
Quantity	1 Liter	Date of Analysis Started	23/05/2026
Batch No.	--	Date of Completion of Analysis	27/05/2026
Laboratory Code	PRFQAL/DW/288/2026		

S. No	Name of Test	Result	LOQ	As Per IS 10500		Method of Analysis/ Technique
				Acceptable Limit	Permissible Limit	
1	2	3	4	5	6	7
1.	pH Value	7.20	2	6.5-8.5	No relaxation	IS 3025 Part 11- Electrometric method :2022
2.	Turbidity, NTU,Max	0.89	0.1	1	5	IS 3025 Part 10:2023
3.	Total Dissolved solids, mg/L,Max	14	10	500	2000	IS 3025 Part 16- Gravimetric method:2023
4.	Chloride (Cl ⁻),mg/L, Max	2.00	1.6	250	1000	IS 3025 Part 32-Argentometric method:2025
5.	Calcium (Ca),mg/L, Max	1.60	1.6	75	200	IS 3025 Part 40-EDTA titrimetric method:2024
6.	Magnesium (as Mg ²⁺),mg/L,Max	BQL	1	30	100	APHA 24 th ED 3500-Mg B.Calculation method: 2023
7.	Total Hardness (as CaCO ₃), mg/L,Max	BQL	10	200	600	IS 3025 Part 21- EDTA method:2023
8.	Fluoride (F ⁻),mg/L,Max	0.25	0.1	1.0	1.5	APHA 24 th ED 4500-F D.SPADNS method: 2023
9.	Nitrate (as NO ₃ ⁻),mg/L,Max	BQL	2	45	No relaxation	IS 3025 Part 34/Sec 1 Ultraviolet Spectrophotometric Screening method:2023
10.	Sulphate (SO ₄ ⁻²),mg/L,Max	BQL	5	200	400	IS 3025 Part 24/Sec 1- Turbidity method:2022



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11.	Total Alkalinity (as CaCO ₃), mg/L, Max	8.00	2	200	600	IS 3025 Part 23- Indicator method:2023
12.	Conductivity, (μS/cm)	77.50	10	200	800	APHA 24 th ED 2510-B. Laboratory method: 2023

*LOQ – Limit of Quantification

* BQL- Below Quantification Limit

Remark: The given sample conforms within the acceptable limit of IS 10500:2012 RA: 2023 drinking water specification for above tested physical & chemical parameters.



Checked & Reviewed by
Dr. Saroja N Rao

[Technical Manager-III/Assistant Professor]

Assitant Professor (Biochemistry)

**Pesticide Residue and Food Quality
Analysis Laboratory, UAS,
RAICHUR - 584 104.**

Authorized Signatory
Dr. Prabhuraj A.

[Quality Manager/ Professor and Head]

**Professor & Head
Pesticide Residue & Food Quality
Analysis Laboratory
UAS, RAICHUR-584 104**

Notes:

1. The sample was **not drawn** by the Pesticide Residue and Food Quality Analysis Laboratory, UAS Raichur.
2. This test report relates **only** to the particular sample(s) tested in the laboratory.
3. The results mentioned in this test report pertain to the condition of the sample **as received** by the laboratory.
4. This test report shall not be reproduced, either in part or in full, **without the written approval** of the Pesticide Residue and Food Quality Analysis Laboratory, UAS Raichur.
5. Decision Rule: Statement of Conformity (PASS/FAIL) will be given based on customer request.



***** End of Test Report *****