



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



TEST REPORT

Customer Name and Address	ULR Number	ULR-TC757126000008600F
Vidyavahini CBSE School,	Report No.	PRFQAL/470/2026
Gurunagar, Lingasugur Road,	Report Date (dd/mm/yyyy)	31/08/2026
Sirwar,	Number of Pages	02
Raichur-584129.	Customer Ref. No.	Inward No: 286 Date : 25/08/2026

Sample Details

Sample Name	RO Water
Description	Drinking Water
Quantity	1 Liter
Batch No.	--
Laboratory Code	PRFQAL/DW/469/2026
	Sample Received Date 25/08/2026
	Date of Analysis Started 27/08/2026
	Date of Completion of Analysis 31/08/2026

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	7.19	2	6.5-8.5	No relaxation	IS 3025 Part 11- Electrometric method :2022
2.	Turbidity, NTU,Max	0.31	0.1	1	5	IS 3025 Part 10:2023
3.	Total Dissolved solids, mg/L,Max	39	10	500	2000	IS 3025 Part 16- Gravimetric method:2023
4.	Chloride (Cl ⁻),mg/L, Max	10.00	1.6	250	1000	IS 3025 Part 32-Argentometric method:2025
5.	Calcium (Ca),mg/L, Max	4.81	1.6	75	200	IS 3025 Part 40-EDTA titrimetric method:2024
6.	Magnesium (as Mg ²⁺),mg/L,Max	1.75	1	30	100	APHA 24 th ED 3500-Mg B.Calculation method: 2023
7.	Total Hardness (as CaCO ₃), mg/L,Max	12.00	10	200	600	IS 3025 Part 21- EDTA method:2023
8.	Fluoride (F ⁻),mg/L,Max	BQL	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	5.01	5	200	400	IS 3025 Part 24/Sec 1- Turbidity method:2022



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11.	Total Alkalinity (as CaCO_3), mg/L, <i>Max</i>	52.00	2	200	600	IS 3025 Part 23- Indicator method:2023
12.	Conductivity, ($\mu\text{S}/\text{cm}$)	125.30	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/ Associate Professor]

Associate Professor (Biochemistry)
Pesticide Residue & Food Quality
Analysis Laboratory, UAS,
RAICHUR-584 104.




Authorized Signatory
Dr. Prabhuraj A.

[Quality Manager/ Professor and Head]
Professor & Head

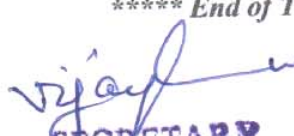
Pesticide Residue and Food Quality
Analysis Laboratory,
UAS, RAICHUR-584 104

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 *****


SECRETARY
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SIRWAR 584 129, Dist. Raichur

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