



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



### TEST REPORT

<b>Customer Name and Address</b>	<b>ULR Number</b>	<b>ULR-TC757126000002795F</b>
Principal Sir Basaveshwara High School, Ballatagi	<b>Report No.</b>	PRFQAL/123/2026
	<b>Report Date (dd/mm/yyyy)</b>	26/03/2026
	<b>Number of Pages</b>	02
	<b>Customer Ref. No.</b>	Inward No: 1079 Date : 23/03/2026

#### Sample Details

<b>Sample Name</b>	R.O Water	<b>Batch No.</b>	--
<b>Description</b>	Drinking Water	<b>Sample Received Date</b>	23/03/2026
<b>Quantity</b>	1 Liter	<b>Date of Analysis Started</b>	24/03/2026
<b>Laboratory Code</b>	PRFQAL/DW/114/2026	<b>Date of Completion of Analysis</b>	26/03/2026

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	7.00	2	6.5-8.5	No relaxation	IS 3025 Part 11- Electrometric method :2022
2.	Colour, Hazen Unit, <i>Max</i>	<b>BQL</b>	5	5	15	IS 3025 Part 4- Platinum Cobalt (Visual Comparison) method:2021
3.	Turbidity, NTU, <i>Max</i>	0.13	0.1	1	5	IS 3025 Part 10:2023
4.	Total Dissolved solids, mg/L, <i>Max</i>	98	10	500	2000	IS 3025 Part 16- Gravimetric method:2023
5.	Chloride (Cl <sup>-</sup> ),mg/L, <i>Max</i>	17.99	1.6	250	1000	IS 3025 Part 32-Argentometric method:2019
6.	Calcium (Ca),mg/L, <i>Max</i>	11.22	1.6	75	200	IS 3025 Part 40-EDTA titrimetric method:2024
7.	Magnesium (as Mg <sup>2+</sup> ),mg/L, <i>Max</i>	6.99	1	30	100	APHA 24 <sup>th</sup> ED 3500-Mg B.Calculation method: 2023
8.	Total Hardness (as CaCO <sub>3</sub> ), mg/L, <i>Max</i>	40.00	10	200	600	IS 3025 Part 21- EDTA method:2023
9.	Fluoride (F <sup>-</sup> ),mg/L, <i>Max</i>	<b>BQL</b>	0.1	1.0	1.5	APHA 24 <sup>th</sup> ED 4500-F D.SPADNS method: 2023
10.	Nitrate (as NO <sub>3</sub> <sup>-</sup> ),mg/L, <i>Max</i>	<b>BQL</b>	2	45	No relaxation	IS 3025 Part 34/Sec 1 Ultraviolet Spectrophotometric Screening method:2023
11.	Sulphate (SO <sub>4</sub> <sup>2-</sup> ),mg/L, <i>Max</i>	14.73	5	200	400	IS 3025 Part 24/Sec 1- Turbidity method:2022



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12.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/L. <i>Max</i>	28.00	2	200	600	IS 3025 Part 23- Indicator method: 2023
13.	Conductivity, (µS/cm)	148.1	10	200	800	APHA 24 <sup>th</sup> 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 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** \*\*\*\*\*



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**Secretary**

Sri Basaveshwara Education  
Trust (R) Ballatagi -584129  
Tq: Sirwar Dt: Raichur

**Principal**

Sri Basaveshwara High School  
Ballatagi-584129  
Tq: Sirwar Dt: Raichur  
Dise No: 29060601220

**PRESIDENT**

Sri Basaveshwara Education Trust (R)  
BALLATAGI-584 129.  
Tq: Sirwara. Dist: Raichur.



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