



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK

District Water Quality Testing Laboratory Ballari

O/o Executive Engineer, Rural Drinking water supply & sanitation Division

Zilla Panchayath Premesis, Fort area, Ballari

e-mail: eerdwsd.bly@gmail.com

TEST REPORT

To,

L Madhavi Latha

Samskrithi School

Rupanagudi Road

Ballari

Report date: 16-04-2025

Report Number: RDWSBLY/02815/2024-25

Reference: Sample Submitted by Customer

Sample receipt date: 16-04-2025

Sample code: BLY/25/APR/02815

Date of Sample collection: 16-04-2025

Analysis start date: 16-04-2025

Analysis completion date: 16-04-2025

Sample collection protocol: RDWSD/WQMSP/SOP/23

Sample Particulars:-Drinking water

Sample quantity: 1 Ltr

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012	Permissible Limit IS 10500 : 2012	Protocol
Description:					
1.	pH Value @Temp 25°C	7.41	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ Temp 25°C	160	—	—	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):2023
5.	Colour, Hazen Units	5	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	BDL	1	5	IS 3025 (Part-10) : 2023
7.	Total Dissolved Solids@ 180°C, mg/l	86	500	2000	IS 3025 (Part-16) : 2023
8.	Alkalinity as CaCO_3 , mg/l	20	200	600	IS 3025 (Part-23) : 2023
9.	Total Hardness as CaCO_3 , mg/l	20.01	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	3.20	75	200	IS 3025 (Part-40) : 2024
11.	Magnesium as Mg, mg/l	2.91	30	100	IS 3025 (Part-46) : 2023
12.	Chloride as Cl, mg/l	11.9	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	1.06	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.10	1	1.5	APHA 24 th Edition:4500F-D
15.	Nitrate as NO_3 , mg/l	0.50	45	No relaxation	APHA 24 th Edition:4500NO ₃ -B
16.	Iron as Fe, mg/l	BDL	1	No relaxation	IS 3025 (Part-53) : 2024 Method A

Remark: The above tested sample meet the permissible limit as per IS 10500:2012 RA 2018 Drinking water specification hence the source of sample shall be used for drinking purpose.

Analysed by: *MJ*
Junior Analyst: Jadeppa M

Authorized Signatory: *B.P.*
Technical Manager: Bheemaraja C T

Note: (BDL-Below Detective limit- for Fe,(<0.1mg/l) & Turbidity(<0.5 NTU)

RDWSD/WQMSP/TeR/01

- 1) The sample drawn by the laboratory.
- 2) The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- 3) Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- 4) Samples will be discarded after 15 days from the date of report generation.
- 5) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.

*****END OF THE TEST REPORT*****

L. Madhavi Latha
PRINCIPAL

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