



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK

District Water Quality Testing Laboratory Ballari

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

Zilla Panchayath Premesis, Fort area, Ballari

e-mail: eerdwsd.bly@gmail.com

TEST REPORT

To,
The Principal
Ekalavya Model Residential School
Kolagallu, Ballari Dist. Karnataka-583104

Report date: 15-09-2025
Report Number:RDWSBLY/01506/2025-26
Reference: Sample Submitted by Customer
Sample receipt date: 12-09-2025
Sample code:BLY/25/SEP/01506
Date of Sample collection: 12-09-2025
Analysis start date: 12-09-2025
Analysis completion date: 15-09-2025
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	7.30	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance,µS/cm@ Temp25°C	540	–	–	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	0.8	1	5	IS 3025 (Part-10) : 2023
7.	Total Dissolved Solids@ 180°C, mg/l	310	500	2000	IS 3025 (Part-16) : 2023
8.	Alkalinity as CaCO ₃ , mg/l	160	200	600	IS 3025 (Part-23) : 2023
9.	Total Hardness as CaCO ₃ , mg/l	140.1	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	22.4	75	200	IS 3025 (Part-40) : 2024
11.	Magnesium as Mg, mg/l	20.4	30	100	IS 3025 (Part-46) : 2023
12.	Chloride as Cl, mg/l	69.9	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO ₄ , mg/l	15.8	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.26	1	1.5	APHA 24 th Edition:4500F-D
15.	Nitrate as NO ₃ , mg/l	5.84	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:
Junior Analyst: Jadeppa M

Authorized Signatory:
Technical Manager: Bheemaraja CT

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

RDWSD/WQMSP/TeR/01
SENIOR CHEMIST

District Water Quality Testing
Laboratory

RDWS&S Division BALLARI

- 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*****

