



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-583102

e-mail: eerdwsd.bly@gmail.com

TEST REPORT

To,
Shrestha International School
Sirivara Cross
Moka Road
Ballari-583103

Report date: 24-06-2026
Report Number: RDWSBLY/0773/2025-26
Reference: Sample Submitted by customer
Sample receipt date: 24-06-2026
Sample code: BLY/26/JUN/0773
Date of Sample collection:- 24-06-2026
Analysis start date:- 24-06-2026
Analysis completion date: 24-06-2026
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	6.84	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ Temp 25°C	120	–	–	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Colour, Hazen Units	5	5	15	IS 3025 (Part-4) :2021
5.	Turbidity, NTU	BQL	1	5	IS 3025 (Part-10) : 2023
6.	Total Dissolved Solids@ 180°C, mg/l	64	500	2000	IS 3025 (Part-16) : 2023
7.	Total Alkalinity as CaCO_3 , mg/l	15.8	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO_3 , mg/l	40.4	200	600	IS 3025 (Part-21) : 2009
9.	Calcium as Ca, mg/l	4.85	75	200	IS 3025 (Part-40) : 2024
10.	Magnesium as Mg, mg/l	6.87	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	11.9	250	1000	IS 3025 (Part-32) : 2025
12.	Sulphate as SO_4 , mg/l	2.10	200	400	IS 3025 (Part-24/sec1) : 2022 Method B
13.	Fluoride as F, mg/l	0.10	1	1.5	APHA 24 th Edition:4500F-D
14.	Nitrate as NO_3 , mg/l	0.20	45	No relaxation	APHA 24 th Edition:4500NO ₃ -B
15.	Iron as Fe, mg/l	BQL	1	No relaxation	IS 3025 (Part-53) : 2024 Method A

Remark: The above tested sample meets the as per the specification limit of drinking water standard IS 10500:2012 RA 2018 with respect to above tested parameters.

Analysed by:
Junior Analyst: Jadeppa M

Authorized Signatory:
Technical Manager: Bheemaraja C
RDWSD/WQMSP/DR-01

Note: (BQL-Below Quantification limit- for Fe & Turbidity)

- 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*****

District Water Quality Testing Laboratory
RDWS&S Division BALLARI