



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,
 Jain Public School
 Near Belagal
 Location:- Borewell water

Report date: 04-02-2025
 Report Number: RDWSBLY/02248/2024-25
 Reference: Sample Submitted by Customer
 Sample receipt date: 03-02-2025
 Sample code: BLY/25/FEB/02248
 Date of Sample collection: 03-02-2025
 Analysis start date: 03-02-2025
 Analysis completion date: 03-02-2025
 Sample collection protocol: RDWSD/WQMSP/SOP/23

Sample Particulars:-Borewell water

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012	Permissible Limit IS 10500 : 2012	Protocol
Description:					
1.	pH Value @Temp 25°C	7.58	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @ Temp 25°C	1200	—	—	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	0.9	1	5	IS 3025 (Part-10) : 2023
6.	Total Dissolved Solids@ 180°C, mg/l	708	500	2000	IS 3025 (Part-16) : 2023
7.	Alkalinity as CaCO_3 , mg/l	240	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO_3 , mg/l	400.3	200	600	IS 3025 (Part-21) : 2009
9.	Calcium as Ca, mg/l	73.7	75	200	IS 3025 (Part-40) : 1991
10.	Magnesium as Mg, mg/l	52.5	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	125.9	250	1000	IS 3025 (Part-32) : 1988
12.	Sulphate as SO_4 , mg/l	54.6	200	400	IS 3025 (Part-24) : 2022
13.	Fluoride as F, mg/l	0.86	1	1.5	APHA 23 rd Edition:4500F-D
14.	Nitrate as NO_3 , mg/l	15.6	45	No relaxation	APHA 23 rd Edition:4500NO ₃ -B
15.	Iron as Fe, mg/l	0.10	1	No relaxation	IS 3025 (Part-53) : 2003 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: *M.K.*
 Junior Analyst: Jadeppa M

Authorized Signatory:
 Technical Manager: Bheemaraaja C T

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

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

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

Anthony
 PRINCIPAL

JAIN PUBLIC SCHOOL,
 Belagal Village, Ballari-583 115