



RURAL DRINKING WATER & SANITATION DEPARTMENT
Shivamogga District Level Water Quality Testing Laboratory
DC Compound, RTO Office Road, Shivamogga-577201

TEST REPORT

Address :

M/S. Principal
Academic Heights Public School
Machanayakanahalli, Birur road,
Chennagiri, Davangere.

Report date: 15.09.2026
ULR Number: TC-1458826000000251F
Report Number:251
Reference: Sample Receipt Form
Sample receipt date: 10.09.2026
Sample code: SMG26SEPS0008
Date of Sample collection: 10.09.2026
Analysis start date: 11.09.2026
Analysis completion date: 15.09.2026
Sample collection Method: APHA 24th Edition

Sample Particulars: Drinking Water (RO),

Sample quantity: 1 litre

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Test Method
Description: Clear Sample					
1	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):2018
2	Taste	Agreeable	Agreeable	Agreeable	IS3025(Part-8):2023
3	Colour, Hazen Units	<5	5	15	IS 3025 (Part-4) :2021
4	Turbidity, NTU	0.2	1	5	IS 3025 (Part-10) : 2023
5	pH Value @25°C	7.51	6.5 – 8.5	No relaxation	IS 3025 (Part-11) :2022
6	Total Dissolved Solids @ 105°C, mg/l	112	500	2000	IS 3025 (Part-16) : 2023
7	Alkalinity as CaCO ₃ , mg/l	62.1	200	600	IS 3025 (Part-23) : 2023
8	Chloride as Cl, mg/l	23.0	250	1000	IS 3025 (Part-32) : 2019
9	Fluoride as F, mg/l	0.06	1	1.5	APHA 24 rd Edition
10	Nitrate as NO ₃ , mg/l	1.5	45	No relaxation	APHA 24 rd Edition
11	Sulphate as SO ₄ , mg/l	2.4	200	400	IS 3025 (Part-24/Sec 1) : 2022
12	Calcium as Ca, mg/l	11.2	75	200	IS 3025 (Part-40) : 2019
13	Magnesium as Mg, mg/l	2.9	30	100	IS 3025 (Part-46) : 2023
14	Total Hardness as CaCO ₃ , mg/l	40.0	200	600	IS 3025 (Part-21) : 2023
15	Iron as Fe, mg/l	0.04	1	No relaxation	IS 3025 (Part-53) : 2024
16	Specific Conductance, µS/cm@25°C	175	—	—	IS 3025 (Part-14) :2019

Remarks: The above tested parameter conforms to the Acceptable limits of IS 10500:2018 Drinking Water Specification.

Analysed by:
Junior Analyst
(Sunil Kumar N S)

Authorized Signatory:
Technical Manager
(Punith Kuamr H)

RDWSD/WQMSP/TeR/01

.....END OF THE REPORT.....

Note:

- 1) The above results relate only to the sample tested.
- 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.