



Tumkur District Water Quality Testing Laboratory

TC- 14841

Zilla Panchayath Compound B.H Road Tumkur - 572101, Karnataka.

Email: rdwsd.wqmstp.tumkurdistrictlab@gmail.com

TEST REPORT

Sri Chaitanya Techno School,
Horpet Extension, Kothithopu,
Tumkur-572102

Name & Contact No : Krishna Rao:7618712599

Sample Collected By: Customer

Reference: TRF

Sample code:TUM26JAN0263

ULR No. : TC- 1484126000000263F

Date of Sample collection:29/01/2026

Sample receipt date:29/01/2026

Analysis start date:30/01/2026

Analysis completion date: 30/01/2026

Report date: 30/01/2026

Sampling Method: APHA24th Edition

Sample quantity:1 Liter

Sample Particulars :Drinking Water

Sl. No	Test	Test Method	Detectable Limit	Acceptable Limit IS 10500 :2012	Permissible Limit IS 10500 : 2012 RA-2018	Results	Units
Description: Colourless liquid.							
1.	pH Value at 24.4°C	IS 3025 (Part-11) : 2022	2-14	6.5 – 8.5	No relaxation	6.93	-
2.	Electrical Conductivity, at 24.6°C	IS 3025 (Part-14) :2019	1.0	—	—	145	µS/cm
3.	Odour	IS 3025 (Part-5 & 6):2018	-	Agreeable	Agreeable	Agreeable	-
4	Taste	IS 3025 (Part-7 & 8):2023	-	Agreeable	Agreeable	-	-
5.	Colour	IS 3025 (Part-4) :2023	1	5	15	<1	H _z
6.	Turbidity	IS 3025 (Part-10) : 2023	0.5	1	5	<0.5	NTU
7.	Total Dissolved Solids @ 180°C	IS 3025 (Part-16) : 2023	16	500	2000	84	mg/l
8.	Alkalinity as CaCO ₃	IS 3025 (Part-23) : 2023	20	200	600	35	mg/l
9.	Total Hardness as CaCO ₃	IS 3025 (Part-21) : 2019	20	200	600	44	mg/l
10.	Calcium as Ca	IS 3025 (Part-40) : 2024	8.0	75	200	12	mg/l
11.	Magnesium as Mg	IS 3025 (Part-46) : ,2023	5.0	30	100	<5	mg/l
12	Chloride as Cl	IS 3025 (Part-32) : 2019	10	250	1000	26	mg/l
13.	Sulphate as SO ₄	IS 3025 (Part-24/Sec 1) : 2022	1.0	200	400	5.0	mg/l
14.	Fluoride as F, mg/l	APHA 24 th Edition 4500- F D	0.1	1	1.5	<0.1	mg/l
15.	Nitrate as NO ₃ , mg/l	APHA 24 th Edition 4500- NO ₃ B	1.0	45	No relaxation	3.5	mg/l
16.	Iron as Fe, mg/l	IS 3025 (Part-53) : 2024	0.1	1	No relaxation	<0.1	mg/l

Reviewed & Authorized By

Venkatresh.H

Technical Manager

RDWSD/WQMSP/TC-14841

Note:

- The above results relate only to the sample tested.
- 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 7 days from the date of report generation.
- Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01

:- End of Report:-

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