RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK

Chitradurga District Water Quality Testing Laboratory
Zilla Panchayath Premesis, Stadium Road, Chitradurga - 577501

TEST REPORT

To
Sri Guru Mudukeshwara Vidya Peeta
Rudrakshimata, Omkareshwaranagara, K K Pura
Rampura – 577540
Molkalmuru (T), Chitradurga (D)

Report date : 23/09/2026
Report Number : 2600123
Reference : Test Request Form
Sample receipt date : 21/09/2026
Sample code : 2600123
Analysis start date : 21/09/2026
Analysis completion date : 23/09/2026
Sample collection protocol : Not Applicable
Sample quantity : 1000ml

Sample Particulars : **RO Water**

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
1	pH Value @Temp25°C	7.57	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance,µS/cm@Temp25°C	67	–	–	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):2017
5	Colour, Hazen Units	1	5	15	IS 3025 (Part-4) :2021
6	Turbidity, NTU	<0.5	1	5	IS 3025 (Part-10) : 1984
7	Total Dissolved Solids@ 180°C, mg/l	37	500	2000	IS 3025 (Part-16) : 1984
8	Alkalinity as $CaCO_3$, mg/l	16	200	600	IS 3025 (Part-23) : 1986
9	Total Hardness as $CaCO_3$, mg/l	10	200	600	IS 3025 (Part-21) : 2009
10	Calcium as Ca, mg/l	2.5	75	200	IS 3025 (Part-40) : 1991
11	Magnesium as Mg, mg/l	1.0	30	100	IS 3025 (Part-46) : 1994
12	Chloride as Cl, mg/l	9.2	250	1000	IS 3025 (Part-32) : 1988
13	Sulphate as SO_4, mg/l	1.0	200	400	IS 3025 (Part-24) : 2022
14	Fluoride as F, mg/l	0.12	1	1.5	APHA 23rd Edition
15	Nitrate as NO_3, mg/l	0.95	45	No relaxation	APHA 23rd Edition
16	Iron as Fe, mg/l	0.1	1	No relaxation	IS 3025 (Part-53) : 2003
17	Total coliform (CFU/ 100 ml)	<01	Absent	-	IS : 1622 :1981
18	Faecal Coliform (CFU/ 100 ml)	<01	Absent	-	IS : 1622 :1981
19	E. coli (CFU/100 ml)	<01	Absent	-	IS : 1622 :1981

Remarks : The above tested sample meets the requirement of IS 10500:2012 RA 2018 drinking water specification for the above tested parameters only.

Analysed by : Manjunatha H.C
Junior Microbiologist : Manjunatha H C & **Junior Analyst** : Vinutha T

Checked By :
Senior Microbiologist /Senior analyst

RDWSD/WQMSP/TeR/01

Water Quality Testing Laboratory
Rural Drinking Water And Sanitation Division
Chitradurga-577501

NOTE:

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

----------**End of Test Report**----------

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