



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Chitradurga District Water Quality Testing Laboratory
Zilla Panchayath Premesis, Stadium Road, Chitradurga - 577501

TEST REPORT

To
JNANA JYOTHI NATIONAL PUBLIC SCHOOL
HALAVUDARA
CHITRADURGA (T) & (D)

Report date : 23/09/2026
Report Number : 2600122
Reference : Test Request Form
Sample receipt date : 21/09/2026
Sample code : 2600122
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	7.51	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, $\mu\text{S}/\text{cm}$ @Temp25°C	73	—	—	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	39	500	2000	IS 3025 (Part-16) : 1984
8	Alkalinity as CaCO_3 , mg/l	17	200	600	IS 3025 (Part-23) : 1986
9	Total Hardness as CaCO_3 , mg/l	11	200	600	IS 3025 (Part-21) : 2009
10	Calcium as Ca, mg/l	2.6	75	200	IS 3025 (Part-40) : 1991
11	Magnesium as Mg, mg/l	1.1	30	100	IS 3025 (Part-46) : 1994
12	Chloride as Cl, mg/l	9.7	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 23 rd Edition
15	Nitrate as NO_3 , mg/l	0.96	45	No relaxation	APHA 23 rd 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 : *Mahjunatha H.C.*
Junior Microbiologist : Mahjunatha H C & Junior Analyst : Vinutha T

Checked By : *[Signature]*
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-----

[Signature]
PRINCIPAL
JNANA JYOTHI NATIONAL PUBLIC SCHOOL
HALAVUDARA,
CHITRADURGA TQ-DIST

Page 1 of 1
[Signature]
SECRETARY
SNEHA PRIYA VIDYA SMASTHE
HALAVUDARA,
CHITRADURGA TQ-DIST