



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

TEST REPORT

To M M Expert Public School Kodlahalli (P) Molakalmuru (T) Chitradurga (D) Pin Code : 577529				Report date : 22/09/2026	
				Report Number : 2600121	
				Reference : Test Request Form	
				Sample receipt date : 21/09/2026	
				Sample code : 2600121	
				Analysis start date : 21/09/2026	
				Analysis completion date : 22/09/2026	
				Sample collection protocol : Not Applicable	
Sample Particulars : RO Water				Sample quantity : 1000ml	

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
1	pH Value @Temp25°C	7.5	6.5 - 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, $\mu S/cm$ @Temp25°C	81.1	-	-	IS 3025 (Part-14) : 2013
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4	Taste	-	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	43.5	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	16.01	200	600	IS 3025 (Part-21) : 2009
10	Calcium as Ca, mg/l	3.21	75	200	IS 3025 (Part-40) : 1991
11	Magnesium as Mg, mg/l	1.94	30	100	IS 3025 (Part-46) : 1994
12	Chloride as Cl, mg/l	8.0	250	1000	IS 3025 (Part-32) : 1988
13	Sulphate as SO_4 , mg/l	1.45	200	400	IS 3025 (Part-24) : 2022
14	Fluoride as F, mg/l	0.11	1	1.5	APHA 23 rd Edition
15	Nitrate as NO_3 , mg/l	2	45	No relaxation	APHA 23 rd Edition
16	Iron as Fe, mg/l	0.09	1	No relaxation	IS 3025 (Part-53) : 2003

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 Junior Analyst : Vinutha T	Water Quality Testing Laboratory Rural Drinking Water And Sanitation Division Chitradurga-577501	Checked by Senior Analyst : Sridhara Nadig N P RDWSD/WQMSP/TeR/O1
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NOTE:

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

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K.M. Lakshmanan
HEAD MASTER
M.M. EXPERT PUBLIC SCHOOL
Kondlahalli-577529,
Molakalmuru Tq, Chitradurga Dist

SECRETARY
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M.M. EXPERT PUBLIC SCHOOL
Kondlahalli-577529,
Molakalmuru Tq, Chitradurga Dist