



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

TEST REPORT					
To Basaveshwara High School Bangalore Road, Challakere - 577522				Report date : 07/03/2026	
				Report Number : 2600011	
				Reference : Test Request Form	
				Sample receipt date : 05/03/2026	
				Sample code : 2600011	
				Analysis start date : 05/03/2026	
				Analysis completion date : 07/03/2026	
				Sample collection protocol : Not Applicable	
Sample Particulars : Drinking 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	7.83	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, µS/cm@Temp25°C	48	–	–	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) : 2023
5	Colour, Hazen Units	<1	5	15	IS 3025 (Part-4) : 2021
6	Turbidity, NTU	<0.5	1	5	IS 3025 (Part-10) : 2023
7	Total Dissolved Solids@ 180°C, mg/l	32	500	2000	IS 3025 (Part-16) : 2023
8	Alkalinity as CaCO ₃ , mg/l	13.5	200	600	IS 3025 (Part-23) : 2023
9	Total Hardness as CaCO ₃ , mg/l	12.5	200	600	IS 3025 (Part-21) : 2009
10	Calcium as Ca, mg/l	4.0	75	200	IS 3025 (Part-40) : 1991
11	Magnesium as Mg, mg/l	2.8	30	100	IS 3025 (Part-46) : 2023
12	Chloride as Cl, mg/l	8.5	250	1000	IS 3025 (Part-32) : 1988
13	Sulphate as SO ₄ , mg/l	2.5	200	400	IS 3025 (Part-24) : 2022
14	Fluoride as F, mg/l	0.15	1	1.5	APHA 24th Edition
15	Nitrate as NO ₃ , mg/l	1.1	45	No relaxation	APHA 24th Edition
16	Iron as Fe, mg/l	0.18	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 : <i>[Signature]</i>					
Senior Microbiologist : Pradeep Kumar S B & Junior Analyst : Vinutha T					

RDWSD/WQMSP/TeR/01

NOTE: Rural Drinking Water & Sanitation Division

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.

M. Madhura
PRINCIPAL
Basaveshwara High School,
Challakere.

SECRETARY
[Signature]
For Nannivalada Sanna Shivanappa
Heggere Thipperudrappa Veerashaivara
Vidyarthi Nilaya Association (R)

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