



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK

District Drinking Water Quality Testing Laboratory

PRED Premises, Court Road, Chamarajanagara.

Chamarajanagara- 571313

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TEST REPORT

Address of the sampling location:

Taluk: Chamarajanagara

Location : MCS Public School ,No. 39/3, Galipura,
Somavarapete, Chamarajanagara - 571313

Report date: 26-03-2026

Report Number: CHN26MAR0007

Reference: Sample Receipt Form

Sample receipt date: 20-03-2026

Sample Code: CHN26MAR0007

Date of Sample collection: 20-03-2026

Analysis start date: 25-03-2026

Analysis completion date: 26-03-2026

Sample collection protocol: RDWSD/WQMSP/SOP/23

Sample Particulars: Filtered Water

Sample quantity: 1Liter

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description:					
1.	pH Value @25.0 °C	8.20	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @25.0 °C	85	—	—	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Colour, Hazen Units	1	5	15	IS 3025 (Part-4) : 2021
5.	Turbidity, NTU	<0.5	1	5	IS 3025 (Part-10) :1984
6.	Total Dissolved Solids @ 180 °C, mg/l	56	500	2000	IS 3025 (Part-16) : 1984
7.	Alkalinity as CaCO_3 , mg/l	<10	200	600	IS 3025 (Part-23) : 1986
8.	Total Hardness as CaCO_3 , mg/l	<10	200	600	IS 3025 (Part-21) : 2009
9.	Calcium as Ca, mg/l	<5	75	200	IS 3025 (Part-40) : 1991
10.	Magnesium as Mg, mg/l	<2	30	100	IS 3025 (Part-46) : 1994
11.	Chloride as Cl, mg/l	5.87	250	1000	IS 3025 (Part-32) : 1988
12.	Sulphate as SO_4 , mg/l	<1	200	400	IS 3025 (Part-24) : 2022
13.	Fluoride as F, mg/l	<0.05	1	1.5	APHA 23 rd Edition, 4500-F:D
14.	Nitrate as NO_3 , mg/l	2.38	45	No relaxation	APHA 23 rd Edition, 4500-NO3-B
15.	Iron as Fe, mg/l	<0.05	1	No relaxation	IS 3025 (Part-53) : 2003

Remarks: The above tested Physical & Chemical parameters are Conforms to the Acceptable Limit as per IS 10500:2012 Drinking Water Specification for the given sample only.

Analysed by: RAVIKUMARA C M
(Junior Analyst)

Authorized Signatory : KOWSHIK DEV M S
(Technical Manager)

RDWSD/WQMSP/TeR/C1

Note:

- 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.
- 3) Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- 4) Samples will be discarded after 15 days from the date of report generation.
- 5) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.