

27/06/2025



RURAL DRINKING WATER & SANITATION DIVISION, GoK
Water Quality Chemical Testing Sub-Division Laboratory Chintamani
RDWSD NR extension old LIC office Road Chintamani-563125,

TEST REPORT

Taluk : Chitamani G P Name : Konapalli Village : Kavalaganahalli Location: Jain public school	Report date: 25/06/2025
	Report Number: PVT25JUN0001
	Reference: Sample receipt Form
	Sample receipt date: 23/06/2025
	Sample code: PVT25JUN0001
	Date of Sample collection: 23/06/2025
	Analysis start date: 24/06/2025
	Analysis completion date: 24/06/2025
Sample collection protocol: APHA Method	
Sample quantity: 1 Liter	
Sample Particulars: Drinking water	

Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
-------	------	---------	--	---	----------

Description: Clear Pleasant Liquid					
1.	pH Value @ 25°C	7.71 @ 25.1°C	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}@25^\circ\text{C}$	92 @ 25.1°C	–	–	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	0.1	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids@ 105°C, mg/l	43	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	20.1	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	12.1	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	3.2	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	0.9	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	3.9	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	1.39	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.01	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO_3 , mg/l	2.12	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	<0.1	1	No relaxation	IS 3025 (Part-53) : 2003

Remarks: The given sample conforms to the acceptable limit of IS10500:2012 for drinking water specification for the above tested parameters only .

Analysed By:

Verified By:

Mepheeeef
Assistant Engineer
RDWSD/WQMSP/TeR/01
RDW & S Sub-Division
Chintamani.

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.

END OF THE REPORT

27/06/2025



RURAL DRINKING WATER & SANITATION DIVISION, GoK
Water Quality Chemical Testing Sub-Division Laboratory Chintamani
RDWSD NR extension old LIC office Road Chintamani-563125,

TEST REPORT

Taluk : Chitamani				Report date: 25/06/2025	
G P Name : Konapalli				Report Number: PVT25JUN0002	
Village : Kavalaganahalli				Reference: Sample receipt Form	
Location: Jain public school				Sample receipt date: 23/06/2025	
				Sample code: PVT25JUN0002	
				Date of Sample collection: 23/06/2025	
				Analysis start date: 24/06/2025	
				Analysis completion date: 24/06/2025	
				Sample collection protocol: APHA Method	
Sample Particulars: Tap water				Sample quantity: 1 Liter	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Clear Pleasant Liquid					
1.	pH Value @ 25°C	6.72 @ 25.1°C	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}@25^\circ\text{C}$	258 @ 25.1°C	—	—	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	0.1	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids@ 105°C, mg/l	122	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	52.2	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	32.3	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	8	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	2.9	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	13.9	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	3.04	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.09	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO_3 , mg/l	5.28	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	<0.1	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample conforms to the acceptable limit of IS10500:2012 for drinking water specification for the above tested parameters only .					
Analysed By:			Verified By:		

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.

END OF THE REPORT

Page 1 of 1

Mephees
 RDWSD/WQMSP/Tcr/01
 Assistant Engineer
 RDW & S Sub-Division
 Chintamani