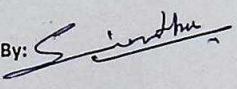




RURAL DRINKING WATER & SANITATION DIVISION, GoK
Water Quality Chemical Testing Sub-Division Laboratory Chintamani
Office Of Assistant Executive Engineer RDWSD Behind Taluk Office Polytechnic Road Chintamani-563125,

TEST REPORT					
Taluk : Chintamani G P Name : Chintamani Village : Oolavadi road Habitation : ShouryaAcadamy Location : Beside Shiva Krishnavathi Layout			Report date : 05/03/2026		
			Report Number: 685		
			Reference: Sample receipt Form		
			Sample receipt date : 13/10/2025		
			Sample code : CHM26MAR0001		
			Date of Sample collection : 03/03/2026		
			Analysis start date : 04/03/2026		
Analysis completion date : 04/03/2026					
Sample collection protocol : APHA Method					
Sample quantity: 1 Litre					
Sample Particulars : RO (Drinking Water)		Sample Condition: GOOD			
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	6.8 @ 25.1°C	6.5 – 8.5	No relaxation	IS 3025 (Part-11) :2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}@25^\circ\text{C}$	81 @ 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):2023
5.	Colour, Hazen Units	<1	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	0.01	1	5	IS 3025 (Part-10) : 2023
7.	Total Dissolved Solids@ 105°C, mg/l	37	500	2000	IS 3025 (Part-16) : 2023
8.	Alkalinity as CaCO_3 , mg/l	15.67	200	600	IS 3025 (Part-23) : 2023
9.	Total Hardness as CaCO_3 , mg/l	17.38	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	3.39	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	2.15	30	100	IS 3025 (Part-46) : 2023
12.	Chloride as Cl, mg/l	8.93	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	1.11	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.24	1	1.5	APHA 24 th Edition
15.	Nitrate as NO_3 , mg/l	2.54	45	No relaxation	APHA 24 th Edition
16.	Iron as Fe, mg/l	0.001	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample conforms to the Acceptable limit of IS10500:2012 for drinking water specification & Suitable For Drinking with respect to as 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.

RDWSD/WQMSP/TeR/01