




**RURAL DRINKING WATER & SANITATION DIVISION**  
District water testing laboratory, Zilla Panchayath, Chikmagalur

<b>TEST REPORT</b>					
<b>Taluk: Chikmagalur</b> <b>Gram Panchayath: Malalur</b> <b>Village: Siragapura</b> <b>Habitation: Siragapura</b> <b>Location of Source: Sri Sai Angels School, Siragapura</b> <b>Name: Celestine Antony</b> <b>Contact Number: 6362813328</b>				Report date: 10-07-2023	
				Report Number:	
				Reference: Sample receipt Form	
				Sample receipt date: 10-07-2023	
				Sample code:	
				Date of Sample collection: 06-07-2023	
				Analysis start date: 10-07-2023	
				Analysis completion date: 10-07-2023	
<b>Sample Particulars: Borewell</b>				Sample collection protocol: APHA Method	
				Sample quantity: 1 liter	
Sl.No	Test Result	Results	Acceptable Limit IS 10500:2012 RA:2018	Permissible Limit IS 10500 :2012RA:2018	Protocol
<b>Description: Clear Colourless liquid</b>					
1.	pH Value@25°C	6.90	6.5-8.5	No relaxation	IS 3025(Part-11):2022
2.	Specific Conductance ,µS/cm @25°C	557	-	-	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, CU	1	5	15	IS 3025(Part-4):2021
6.	Turbidity, NTU	0	1	5	IS 3025(Part-10):1984
7.	Total Dissolved Solids @ 105°C,mg/L	362	500	2000	IS 3025(Part-16):1984
8.	Alkalinity as CaCO <sub>3</sub> ,mg/L	276	200	600	IS 3025(Part-23):1986
9.	Total Hardness as CaCO <sub>3</sub> ,mg/L	200	200	600	IS 3025(Part-21):2009
10.	Calcium as Ca, mg/L	56	75	200	IS 3025(Part-40):1991
11.	Magnesium as Mg,mg/L	14.58	30	100	IS 3025(Part-46):1994
12.	Chloride as Cl,mg/L	79.96	250	1000	IS 3025(Part-32):1988
13.	Sulphate as SO <sub>4</sub> ,mg/L	4.87	200	400	IS 3025(Part-24):2022
14.	Fluoride as F,mg/L	0.23	1	1.5	APHA 23 <sup>rd</sup> Edition
15.	Nitrate as NO <sub>3</sub> ,mg/L	19.84	45	No relaxation	APHA 23 <sup>rd</sup> Edition
16.	Iron as Fe,mg/L	0.11	1	No relaxation	IS 3025(Part-53):2003
<b>Remarks : The given sample Compliance With the Specification of IS 10500:2012RA:2018 Drinking Water Specification for the above tested parameter only.</b>					
Analysed by: Meghana N S Junior Analyst			Authorized Signatory:  [KAVYA C E] Technical Manager cum senior analyst RDWSD/WQMSP/TeR/01		

**Disclaimer:**

- 1) The result apply to the sample as received.
- 2) The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- 3) Samples will be discarded after 15 days from the date of report generation.
- 4) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.