



**RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK**  
Kanakapura Sub Division Laboratory, 2<sup>nd</sup> floor, Mini vidhana Soudha (Taluku Adalitha Soudha)

TEST REPORT					
Address of the sampling location : Saketh Mother Teresa School, Sathanur.				Report date: 08-05-2023	
				Report Number: 19	
				Reference: TRF	
				Sample receipt date: 06-05-2023	
				Sample code: PVT0019	
				Date of Sample collection: 06-05-2023	
				Analysis started date: 06-05-2023	
				Analysis completion date: 08-05-2023	
Sample Particulars: Ro Water				Sample quantity: 1 Ltr	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
<b>Description:</b> Colorless clear liquid					
1	pH Value @25.5°C	6.53	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 1983
2	Specific Conductance, µS/c @24.7°C	31.3	—	—	IS 3025 (Part-14) : 1984
3*	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):1983
5	Colour, Hazen Units	<1.0	5	15	IS 3025 (Part-4) :2021
6	Turbidity, NTU	<0.5	1	5	IS 3025 (Part-10) : 1984
7	Total Dissolved Solids@ 180°C, mg/l	16	500	2000	IS 3025 (Part-16) : 1984
8	Alkalinity as CaCO <sub>3</sub> , mg/l	12.1	200	600	IS 3025 (Part-23) : 1986
9	Total Hardness as CaCO <sub>3</sub> , mg/l	24.2	200	600	IS 3025 (Part-21) : 2009
10	Calcium as Ca, mg/l	8.0	75	200	IS 3025 (Part-40) : 1991
11	Magnesium as Mg, mg/l	0.98	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 <sub>4</sub> , mg/l	16.9	200	400	IS 3025 (Part-24) : 1986
14	Fluoride as F, mg/l	0.52	1	1.5	APHA 23 <sup>rd</sup> Edition
15	Nitrate as NO <sub>3</sub> , mg/l	2.0	45	No relaxation	APHA 23 <sup>rd</sup> Edition
16	Iron as Fe, mg/l	<0.1	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample meets the IS10500:2012 requirement for the above tested parameter					
 <b>Analysed By</b> Analyst		<b>RDWSD</b> <b>Water Quality Lab</b> Kanakapura.		 <b>Verified By</b> Assistant Executive Engineer	

**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.

Principal  
 Saketh Mother Teresa School  
 Sathanur, Kanakapura Taluk

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