



**RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK**  
Sub Divisional Water Quality Chemical Testing Laboratory, Kanakapura  
2<sup>nd</sup> Floor, Taluku Adalitha Soudha (Mini Vidhana Soudha)  
Ramanagara District, Karnataka-562117

TEST REPORT					
Address of the sampling location: SAKETH MOTHER TERESA SCHOOL Survey No.99/2, Anamanahalli, Sambegowdanadoddi Road, Sathanur Hobli, Kanakapura(T), Ramanagara(D)-562126				Report date: 01/02/2025	
				Report Number:0004	
				Reference: Sample receipt form	
				Sample receipt date: 30/01/2025	
				Sample code: KAN25JAN0004	
				Date of Sample collection: 30/01/2025	
				Analysis started date: 31/01/2025	
				Analysis completion date: 01/02/2025	
Sample collection protocol: APHA 24 <sup>TH</sup> Edition 2023				Sample quantity: 1 Litr.	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Colorless clear liquid					
1	pH Value @ 25 °C	6.74	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, µS/c @25 °C	20.8	—	—	IS 3025 (Part-14) : 2023
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	<1.0	5	15	IS 3025 (Part-4) :2021
6	Turbidity, NTU	<0.5	1	5	IS 3025 (Part-10) : 2023
7	Total Dissolved Solids@ 180°C, mg/l	12.4	500	2000	IS 3025 (Part-16) : 2023
8	Alkalinity as CaCO <sub>3</sub> , mg/l	7.9	200	600	IS 3025 (Part-23) : 2023
9	Total Hardness as CaCO <sub>3</sub> , mg/l	15.8	200	600	IS 3025 (Part-21) : 2009
10	Calcium as Ca, mg/l	3.1	75	200	IS 3025 (Part-40) : 1991
11	Magnesium as Mg, mg/l	1.9	30	100	IS 3025 (Part-46) : 2023
12	Chloride as Cl, mg/l	11.8	250	1000	IS 3025 (Part-32) : 1988
13	Sulphate as SO <sub>4</sub> , mg/l	4.0	200	400	IS 3025 (Part-24) : 2022
14	Fluoride as F, mg/l	<0.1	1	1.5	APHA 23 <sup>rd</sup> Edition 4500-FD
15	Nitrate as NO <sub>3</sub> , mg/l	1.3	45	No relaxation	APHA 23 <sup>rd</sup> Edition 4500- NO <sub>3</sub> D
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 parameters.					
 Analysed By Analyst		<b>RDWSD</b> <b>Water Quality Lab</b> <b>Kanakapura</b>		 Verified By Assistant Executive Engineer Rural Water Supply & Sanitation Sub-Division Kanakapura <b>RDWSD/WQMSP/TeR/01</b>	

**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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