



# RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK

District:Haveri

Sub Division: Ranebennur laboratory

TEST REPORT					
Taluk : Ranebennur		District : Haveri		Report date: 25/04/2025	
GP : Ranebennur		Village : Ranebennur		Habitation : Ranebennur	
Location : Basavachetana English Medium School, Ranebennur		Reference : Test Request Form			
		Sample code: RAN24APR			
		Date of Sample collection: 23/04/2025			
		Analysis start date: 24/04/2025			
		Analysis completion date: 24/04/2025			
		Sample collection protocol: IS 3025(Part-1)			
Sample Particulars: WPP (Filter)		Sample quantity:1000ml			
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Colour less Sample					
1	pH @25.6 °C	7.08	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance,µS/cm@ 25.9°C	93	–	–	IS 3025 (Part-14) : 2013
3	Colour, Hazen Units	<5	5	15	IS 3025 (Part-4) : 2021
4	Turbidity, NTU	0.05	1	5	IS 3025 (Part-10) : 2023
5	Total Dissolved Solids@ 179°C, mg/l	56	500	2000	IS 3025 (Part-16) : 2023
6	Alkalinity as CaCO <sub>3</sub> , mg/l	44	200	600	IS 3025 (Part-23) : 2023
7	Total Hardness as CaCO <sub>3</sub> , mg/l	48.04	200	600	IS 3025 (Part-21) : 2009
8	Calcium as Ca, mg/l	6.411	75	200	IS 3025 (Part-40) : 2024
9	Magnesium as Mg, mg/l	7.782	30	100	IS 3025 (Part-46) : 2023
10	Chloride as Cl, mg/l	23.99	250	1000	IS 3025 (Part-32) : 1988
11	Sulphate as SO <sub>4</sub> , mg/l	1.1	200	400	IS 3025 (Part-24) : 2022
12	Fluoride as F, mg/l	0.063	1	1.5	APHA 24 <sup>th</sup> Edition
13	Nitrate as NO <sub>3</sub> , mg/l	0.77	45	No relaxation	APHA 24 <sup>th</sup> Edition
14	Iron as Fe, mg/l	0.008	1	No relaxation	IS 3025 (Part-53) : 2024
Remarks: The given sample Conforms to the Acceptable/Permissible Limit of IS 10500 : 2012 RA:2018 Drinking Water Specification for The above tested parameter only.					
The Water Sample Safe to Drink					
Analysed by:		Verified by:			
Analyst : Hemamalini Hosamani		Assistant Executive Engineer Rural Drinking Water & Sanitation Sub-Division, Ranebennur			

## 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.