



RURAL DRINKING WATER & SANITATION DEPARTMENT
Sub division level Water Quality Testing Laboratory,
Hosanagara -577418

TEST REPORT

To: Sharadha Ramakrishna Vidyalaya Rippon Pete Hosanagara Taluk Shivamogga.				Report date: 15.05.2026	
				Report Number: HSN26MAY	
				Reference: Sample receipt Form	
				Sample receipt date: 15.05.2026	
				Sample code: HSN26MAY	
				Date of Sample collection: 15.05.2026	
				Analysis start date: 15.05.2026	
				Analysis completion date: 15.05.2026	
Sample collection protocol: APHA Method					
Sample quantity: 1litter					
Sample Particulars: Borewell Water					
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: COLOURLESS CLEAR LIQUID					
1.	pH Value @25°C	6.78	6.5 – 8.5	No relaxation	IS 3025 (Part-11) :2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}@25^\circ\text{C}$	155	–	–	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.	Color, Hazen Units	<5	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	0.8	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids @ 105°C, mg/l	75	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	9.58	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	23.9	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	6.0	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	3.8	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	7.45	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	5.9	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.19	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO_3 , mg/l	1.64	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.08	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample Conforms to the Acceptable Limit of IS 10500: 2012 RA:2018 Drinking Water Specification for the above tested parameter only.					
Analysed by: Analyst			Verified by: Dixith K G (Analyst)		

RDWSD/WQMSP/TeR/01

Note:

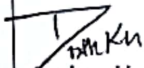
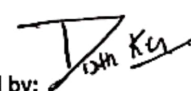
- 1) The above results relate only to the sample tested.
- 2) The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- 3) Traceability: Traceability of measurements is established using CRMs traceable to National/International standards.
- 4) Samples will 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.





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Sl.No	Test	Results	Acceptable Limit IS 10500: 2012 RA:2018	Permissible Limit IS 10500: 2012 RA:2018	Protocol
Description: COLOURLESS CLEAR LIQUID					
1.	pH Value @25°C	7.05	6.5 – 8.5	No relaxation	IS 3025 (Part-11) :2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}@25^\circ\text{C}$	122	—	—	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.	Color, Hazen Units	<5	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	0.8	1	5	IS 3025 (Part-10): 1984
7.	Total Dissolved Solids @ 105°C, mg/l	80	500	2000	IS 3025 (Part-16): 1984
8.	Alkalinity as CaCO_3 , mg/l	9.15	200	600	IS 3025 (Part-23): 1986
9.	Total Hardness as CaCO_3 , mg/l	21.28	200	600	IS 3025 (Part-21): 2009
10.	Calcium as Ca, mg/l	6.17	75	200	IS 3025 (Part-40): 1991
11.	Magnesium as Mg, mg/l	3.85	30	100	IS 3025 (Part-46): 1994
12.	Chloride as Cl, mg/l	8.01	250	1000	IS 3025 (Part-32): 1988
13.	Sulphate as SO_4 , mg/l	4.99	200	400	IS 3025 (Part-24): 2022
14.	Fluoride as F, mg/l	0.23	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO_3 , mg/l	1.17	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.14	1	No relaxation	IS 3025 (Part-53): 2003
Remarks: The given sample Conforms to the Acceptable Limit of IS 10500: 2012 RA:2018 Drinking Water Specification for the above tested parameter only.					
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