



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK

Lab Name: Chikodi Division Lab

TEST REPORT					
Taluka: Raybag Gram Panchayat: Raybag Rural Village: Raybag Rural Location of Source: Shree chougule Kannada Medium School Raybag Rural				Report date: 20/03/2024	
				Report Number:01	
				Reference: Sample receipt Form	
				Sample receipt date:19/03/2024	
				Sample code:CHI24JAN0001	
				Date of Sample collection: 19/03/2024	
				Analysis start date: 19/03/2024	
				Analysis completion date: 20/03/2024	
Sample Particulars: Borewell				Sample quantity: 1litre	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description:					
1.	pH Value @Temp 25°C	7.76	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @Temp25°C	1385	–	–	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, 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	773	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	282.58	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	376.53	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	80.94	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	42.35	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	186.60	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	53.94	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.74	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO_3 , mg/l	9.84	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.09	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample conforms to the Acceptable Limit Except TDS, Alkalinity, Hardness, Calcium, Magnesium are in the Permissible Limit of IS 10500 : 2012 RA : 2018 Drinking Water Specification for the above tested parameters only. (Potable)					
Analysed by: <i>[Signature]</i> Senior Analyst/Junior Analyst/Analyst			Authorized Signatory: Quality Manager		

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.