



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Taluk Level Water Quality testing laboratory, Sub Division Kadur

TEST REPORT

Address of the sampling location : Gurukula public school Chikkapattanagere village K.M. Road, Kadur-577548				Report date:13/6/2023	
				Report Number:	
				Reference: Sample receipt Form	
				Sample receipt date:13/6/2023	
				Sample code:	
				Date of Sample collection:9/6/2023	
				Analysis start date:9/6/2023	
				Analysis completion date:9/6/2023	
Sample collection protocol: APHA Method					
Sample Particulars:BOREWELL					
Sample quantity:1litter					
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description:					
1.	pH Value @25°C	8.0	6.5 – 8.5	No relaxation	IS 3025 (Part-11) :2022
2.	Specific Conductance, $\mu S/cm@25^\circ C$	90	–	–	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	0.05	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids @ 105°C, mg/l	77	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO ₃ , mg/l	90	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO ₃ , mg/l	88	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	24	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	7	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	63.96	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO ₄ , mg/l	29	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.21	1	1.5	APHA 23 rd Edition
15.	Nitrate as NO ₃ , mg/l	5.2	45	No relaxation	APHA 23 rd Edition
16.	Iron as Fe, mg/l	0.24	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The given sample Doesn't/Conforms to the Acceptable/Permissible Limit of IS 10500 : 2012 RA:2018 Drinking Water Specification for The above tested parameter only.					
Analysed by: Mohankumari D N Analyst <u>MohanKumari D.N</u>				Verified by: <u>[Signature]</u> Assistant Executive Engineer RDWSD/WQMSP/TeR/01 R.W.S. & S. Sub Division Kadur.	

Note: The given sample conforms to the acceptable limit.

Note: Sample collected and supplied by Vinod

- 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.