



**RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK**  
**District Water Quality Testing Laboratory Gadag**

NABL Accredited Laboratory as per ISO/IEC 17025:2017  
 O/o Executive Engineer, Rural Drinking Water Supply & Sanitation Division,  
 Industrial Estate, Hubballi Road, Gadag  
 e-mail: rdwsd.wqmospgadag@gmail.com



**TEST REPORT**

<b>VDS Classic Primary &amp; Higher Primary English</b> <b>Medium School</b> <b>K C Rani road</b> <b>Gadag</b>			Report date: 13.03.2024		
			ULR Number: TC1150924000000156F		
			Reference: Client		
			Sample Number: GDG24MAR0156		
			Sample Receipt Date: 12.03.2024		
			Analysis start date: 12.03.2024		
			Analysis completion date: <b>13.03.2024</b>		
Sample collection method: NA					
Sample particulars : Borewell water			Sample quantity: 1 Ltr		
Sl. No	Test	Results	Acceptable Limit IS 10500 : 2012 RA 2018	Permissible Limit IS 10500 : 2012 RA 2018	Test Method
1	pH Value @25°C	6.88	6.5-8.5	No relaxation	IS 3025 (Part- 11):2022
2	Specific Conductance, $\mu\text{S}/\text{cm}$ @25°C	1680.00	-	-	IS 3025 (Part- 14):2013
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part- 5&6):2018
4	Colour, Hazen	1.0	5	15	IS 3025 (Part- 4):2021
5	Turbidity, NTU	1.3	1	5	IS 3025 (Part- 10):2023
6	Total Dissolved Solids @180°C, mg/l	1040	500	2000	IS 3025 (Part- 16):2023
7	Alkalinity as $\text{CaCO}_3$ , mg/l	270.2	200	600	IS 3025 (Part- 23):2023
8	Total Hardness as $\text{CaCO}_3$ , mg/l	352.80	200	600	IS 3025 (Part- 21):2009
9	Calcium as Ca, mg/l	75.34	75	200	IS 3025 (Part-40):1991
10	Magnesium as Mg, mg/l	40.01	30	100	IS 3025 (Part-46):2023
11	Chloride as Cl, mg/l	86.10	250	1000	IS 3025 (Part- 32):1988
12	Sulphate as $\text{SO}_4$ , mg/l	62.54	200	400	IS 3025 (Part- 24):2022
13	Fluoride as F, mg/l	0.76	1	1.5	APHA 23 <sup>rd</sup> Edition:4500F-D
14	Nitrate as $\text{NO}_3$ , mg/l	33.02	45	No relaxation	APHA 23 <sup>rd</sup> Edition:4500NO <sub>3</sub> -B
15	Iron as Fe, mg/l	0.13	1	No relaxation	IS 3025 (Part- 53):2003

**Remark:** As per IS-10500-2012: RA-2018, All the above tested parameters are within the permissible limits.

Analysed by:

*Bees*

Senior Analyst/Junior Analyst  
 (Shivanand S) (Basavaraj K)

Authorized Signatory:

*JSD*

Technical Manager(Shivanand S)

RDWSD/WQMSP/TeR/01

Note:

- 1) Samples for which the lab is not responsible for the sampling.
- 2) The above results relate only to the sample tested.
- 3) The report shall not be reproduced except in full without the prior approval of the Quality Manager.
- 4) Traceability: Traceability of measurements is established using CRMs traceable to National/International standards
- 5) Samples will be discarded after 15 days from the date of report generation.
- 6) Decision rule is applicable as per the procedure mentioned in RDWSD/WQMSP/DR-01.
- 7) NOTE: BDL- Below Detection Limit.

**District Water Quality Testing Laboratory**  
**Rural Drinking Water & Sanitation Division**  
**GADAG.**

\*\*\*END OF THE TEST REPORT\*\*\*