

**RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK**

District Water Quality Testing Laboratory Gadag
O/o Executive Engineer, Rural Drinking Water Supply & Sanitation Division,
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TEST REPORT

J G Internationaal English medium
School
Papanashi, Gadag

Report date: 03.02.2024
Report Number: 0721
Reference: Client
Sample Number: GDG24FEB0721
Sample Receipt Date: 02.02.2024
Analysis start date: 02.02.2024
Analysis completion date: 03.02.2024
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	7.17	6.5-8.5	No relaxation	IS 3025 (Part- 11):2022
2	Specific Conductance, $\mu\text{S}/\text{cm}$ @25°C	811.00	-	-	IS 3025 (Part- 14):2019
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part- 5&6):2018
4	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part- 8):2023
5	Colour	1.0	5	15	IS 3025 (Part- 4):2021
6	Turbidity, NTU	0.8	1	5	IS 3025 (Part- 10):2023
7	Total Dissolved Solids @180°C, mg/l	503	500	2000	IS 3025 (Part- 16):2023
8	Alkalinity as CaCO_3 , mg/l	150.92	200	600	IS 3025 (Part- 23):2023
9	Total Hardness as CaCO_3 , mg/l	166.60	200	600	IS 3025 (Part- 21):2019
10	Calcium as Ca, mg/l	32.96	75	200	IS 3025 (Part-40):2019
11	Magnesium as Mg, mg/l	20.48	30	100	IS 3025 (Part-46):2023
12	Chloride as Cl, mg/l	46.99	250	1000	IS 3025 (Part- 32):2019
13	Sulphate as SO_4 , mg/l	41.71	200	400	IS 3025 (Part- 24):2022
14	Fluoride as F, mg/l	0.62	1	1.5	APHA 23 rd Edition:4500F-D
15	Nitrate as NO_3 , mg/l	10.79	45	No relaxation	APHA 23 rd Edition:4500NO ₃ -B
16	Iron as Fe, mg/l	0.08	1	No relaxation	IS 3025 (Part- 53):2019

Remark: As per IS-10500-2012: RA-2018, All the above tested parameters are within the Permissible Limit.

Analysed by:

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

Authorized Signatory:

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

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.

END OF THE TEST REPORT