GADAG WATER QUALITY TESTING LABORATORY

Rural Drinking Water and Sanitation Department

O/o Executive Engineer, Rural Drinking Water & Sanitation Division
Industrial Estate, Hubballi Road, Gadag,Karnataka, India
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TEST REPORT

To,
SRI SARASWATI VIDYANIKETAN
ENGLISH MEDIUM SCHOOL
NARGUND.

Report date: **25.06.2026**
Report Number: 0093
Reference: Client
Sample Number: GDG26JUN0093
Date of Sample collection: NA
Sample Receipt Date: 15.06.2026
Analysis start date: **23.06.2026**
Analysis completion date: **24.06.2026**
Sample collection Method: NA
Sample quantity: 1 Ltr

Sample perticulars : Drinking Water

Sl. No	Test	Results	Acceptable Limit IS 10500 : 2012 RA 2023	Permissible Limit IS 10500 : 2012 RA 2023	Test Method
1	pH Value @25°C	7.85	6.5-8.5	No relaxation	IS 3025 (Part- 11):2022
2	Specific Conductance, µS/cm @25°C	285.00	-	-	IS 3025 (Part- 14):2013
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part- 5):2018
4	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part- 8):2023
5	Colour, Hazen	<5	5	15	IS 3025 (Part- 4)(a):2021
6	Turbidity, NTU	0.8	1	5	IS 3025 (Part- 10):2023
7	Total Dissolved Solids @180°C, mg/l	185.0	500	2000	IS 3025 (Part- 16):2023
8	Total Alkalinity as $CaCO_3$, mg/l	59.40	200	600	IS 3025 (Part- 23):2023
9	Total Hardness as $CaCO_3$, mg/l	41.58	200	600	IS 3025 (Part- 21)(a):2009
10	Calcium as Ca, mg/l	9.51	75	200	IS 3025 (Part-40)(a):2024
11	Magnesium as Mg, mg/l	4.33	30	100	IS 3025 (Part-46)(a):2023
12	Chloride as Cl, mg/l	37.18	250	1000	IS 3025 (Part- 32)(a):2025
13	Residual Free Chlorine	BDL (<0.2)	0.2	1	APHA 24th Edition:4500F-Cl F
14	Sulphate as SO_4, mg/l	12.44	200	400	IS 3025 (Part- 24 Sec-1)(b):2022
15	Fluoride as F, mg/l	0.99	1	1.5	APHA 24th Edition:4500F-D:2023
16	Nitrate as NO_3, mg/l	26.53	45	No relaxation	APHA 24th Edition:4500NO_3-B:2023
17	Iron as Fe, mg/l	BDL(<0.1)	1	No relaxation	IS 3025 (Part- 53)(a):2024

Remark: As per IS-10500-2012: RA-2023, All the above tested parameters are within the Acceptable limits.

Authorized Signatory:

Technical Manager(Shivanand Shanabhogar)

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

RDWSD/WQMSP/TeR/01 Ro/15.02.2025

Note:

1) Samples for which the lab is not responsible for the sampling.
2) The report shall not be reproduced except in full without the prior approval of the Executive Engineer
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.
6) The result relate only to the above sample tested

END OF THE TEST REPORT

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