



RURAL DRINKING WATER&SANITATION DEPARTMENT, GoK
WATER QUALITY TESTING LABORATORY YADGIR
 Railway Station Road Near Railway Station, Yadgir-585-202
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TC-11626

WATER QUALITY TEST REPORT

Report No : YDG25JUN0299			Report Issued Date:27/06/2025		
To, D DEVARAJ URS HPS AND HS TAHASIL BESIDE WADGERA Dist - YADGIR			ULR No: TC -1162600003001F		
			Sample code: YDG25JUN0299		
			Sample receipt date: 26/06/2025		
			Date of Sample collection: 25/06/2025		
			Analysis start date: 26/06/2025		
			Analysis completion date:27/06/2025		
Environmental Condition:23+5			Sample collection protocol: IS 10500 :2012		
Group Water Discipline Chemical Parameter					
Sample :Water	Sample Type: SW	Sample Quantity: 1 Liter			
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Test Method
Description: Clear Sample					
1.	pH Value @25.4° C	6.94	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, µS/cm	121	—	—	IS 3025 (Part-14) : 2023
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):2018
5.	Colour, Hazen Units	5	5	15	IS 3025 (Part-4) :2021
6.	Turbidity, NTU	05	1	5	IS 3025 (Part-10) :2023
7.	Total Dissolved Solids @ 105°C, mg/l	54	500	2000	IS 3025 (Part-16) : 2023
8.	Alkalinity as CaCO ₃ , mg/l	21.4	200	600	IS 3025 (Part-23) : 2023
9.	Total Hardness as CaCO ₃ , mg/l	29.3	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	14.4	75	200	IS 3025 (Part-40) : 2024
11.	Magnesium as Mg, mg/l	5.2	30	100	IS 3025 (Part-46) : 2023
12.	Chloride as Cl, mg/l	12.8	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO ₄ , mg/l	21	200	400	IS 3025 (Part-24) : 2022
14.	Fluoride as F, mg/l	0.110	1	1.5	APHA 24 rd Edition
15.	Nitrate as NO ₃ , mg/l	14	45	No relaxation	APHA 24 rd Edition
16.	Iron as Fe, mg/l	0.10	1	No relaxation	IS 3025 (Part-53) : 2024
Remark: The above given sample conforms Acceptable limits as per IS10500:2012 For The above tested parameters only					
Analyzed by:  Junior Analyst (Pradeep Chawan)			Authorized Signatory:  Senior Analyst (Ravikumar)		

Notes:

****END OF THE REPORT****

RDWSD/WQMSP/TeR/01

- 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.

