



TC-12473


RURAL DRINKING WATER & SANITATION DIVISION, Gok

District Water Quality Testing Laboratory Chickballapur

Opp: Pillappa Complex, Panchayath Raj Engineering Division Premises,

M.G.Road, Chickballapur-562101 Mob: +91 8618249537

TEST REPORT

Taluk :- Shidlagatta				Report Date: 19.03.2025	
Source Location :- Inside school ground (Nallimaradahalli road)				ULR Number: TC1247325100003644F	
				Reference: Sample receipt Form	
				Sample receipt date: 17.03.2025	
				Sample code: PVT25MAR0002	
				Date of Sample collection: 17.03.2025	
				Analysis start date: 18.03.2025	
Sample Particulars: Drinking Water				Analysis completion date: 18.03.2025	
				Sample collection protocol: APHA Method	
				Sample quantity: 1 Liter	
Sl.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Clear Pleasant Liquid					
1.	pH Value @ 25°C	7.05	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}@25^\circ\text{C}$	119	—	—	IS 3025 (Part-14) : 2023
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-7 & 8) : 2023
5.	Colour, Hazen Units	<1	5	15	IS 3025 (Part-4) : 2021
6.	Turbidity, NTU	<0.1	1	5	IS 3025 (Part-10) : 2023
7.	Total Dissolved Solids @ 180°C, mg/l	57	500	2000	IS 3025 (Part-16) : 2023
8.	Alkalinity as CaCO_3 , mg/l	12.00	200	600	IS 3025 (Part-23) : 2023
9.	Total Hardness as CaCO_3 , mg/l	16.17	200	600	IS 3025 (Part-21) : 2023
10.	Calcium as Ca, mg/l	3.23	75	200	IS 3025 (Part-40) : 2024
11.	Magnesium as Mg, mg/l	1.96	30	100	IS 3025 (Part-46) : 2023
12.	Chloride as Cl, mg/l	9.92	250	1000	IS 3025 (Part-22) : 2019
13.	Sulphate as SO_4 , mg/l	1.49	200	400	IS 3025 (Part-24-Sec-1) : 2022
14.	Fluoride as F, mg/l	0.05	1	1.5	APHA 24 th Edition 4500-F:D-2023
15.	Nitrate as NO_3 , mg/l	17.65	45	No relaxation	APHA 24 th Edition 4500-NO3-B-2023
16.	Iron as Fe, mg/l	<0.1	0.3	No relaxation	IS 3025 (Part-53) : 2024
17.	Sodium as Na, mg/l	5.08	NA	NA	IS 3025 (Part-45) : 2019
18.	Potassium as K, mg/l	2.2	NA	NA	IS 3025 (Part-45) : 2019
Remarks: The given sample conforms to the Acceptable limit as per IS 10500-2012 Drinking water specification for the above tested parameters only.					
<div style="text-align: right;"> Authorized Signatory:  T.V Srinivas (Technical Manager) </div>					

NOTE:**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.