



RURAL DRINKING WATER & SANITATION DEPARTMENT, Gok
Sub-Division Water quality chemical Testing Laboratory RDW&SD Near
AC House behind KEB Lingasugur, Raichur, Karnatak-584122
 Email id:rdwsd.wqmstp.lingasugur@gmail.com

TEST REPORT					
Taluk:Lingasuguru Pattan Panchayat:Mudgal Address of the sampling location:DR.S.B.Bhamasagar Public School Mudgal (584125)				Report date:25.06.2025	
				Report Number:0015	
				Reference:---	
				Sample receipt date:25.06.2025	
				Sample code:Lin25Jun0015	
				Date of Sample collection:23.06.2025	
				Analysis start date:24.06.2025	
				Analysis completion date:24.06.2025	
Sample Particulars :RO water				Sample collection protocol: APHA 24 th Edition	
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 Water					
1.	pH Value @25°C	6.85	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, µS/cm@25°C Temp°C	98	—	—	IS 3025 (Part-14) : 2013 RA:2019
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Colour, Hazen Units	1	5	15	IS 3025 (Part-4) :2021
5.	Turbidity, NTU	0.1	1	5	IS 3025 (Part-10) : 2023
6.	Total Dissolved Solids@ 180°C, mg/l	54	500	2000	IS 3025 (Part-16) : 2023
7.	Alkalinity as CaCO ₃ , mg/l	14.8	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO ₃ , mg/l	22.01	200	600	IS 3025 (Part-21) : 2009
9.	Calcium as Ca, mg/l	7.04	75	200	IS 3025 (Part-40) : 1991 RA:2019
10.	Magnesium as Mg, mg/l	1.06	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	11.57	250	1000	IS 3025 (Part-32) : 1988 RA:2019
12.	Sulphate as SO ₄ , mg/l	1.2	200	400	IS 3025 (Part-24) : 2022
13.	Fluoride as F, mg/l	0.02	1	1.5	APHA 23 rd Edition 4500 F: D RA:APHA 24 th Edition
14.	Nitrate as NO ₃ , mg/l	0.24	45	No relaxation	APHA 23 rd Edition 4500-NO3-B RA:APHA 24 th Edition
15.	Iron as Fe, mg/l	0.01	1	No relaxation	IS 3025 (Part-53) : 2003
Remarks: The Given Sample Conforms to the Acceptable limit of IS 10500: 2012 RA: 2018 Drinking Water Specifications for Above tested Physical and Chemical Parameters Only.					
Analyzed by: Analyst (Mounesh)				Authorized Signatory: Date:25.06.2025	

Note:

- 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.

*****End of the Report*****

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