



RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Bengaluru Urban Divisional Laboratory-Banashankari, Bangalore-560070.
NABL Accredited Laboratory Bangalore urban

TEST REPORT					
Address of the sampling location :- CLARUS INTERNATIONAL SCHOOL Goravigere Village, Bidarahalli Hobli, Bangalore East, Bangalore-560067				Report date: 02/06/2025	
				Report Number: 0017	
				Reference: TRF	
				Sample code: 0017	
				Date of Sample collection: 29/05/2025	
				Analysis start date: 30/05/2025	
				Analysis completion date: 31/05/2025	
Sample quantity: 1 Liter					
Sample Particulars: R.O water					
Sl. No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description: Colourless liquid					
1	pH Value @25°C Temp	6.9	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, µS/cm @25°C Temp	90	-	-	IS 3025 (Part-14) : 2013
3	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4	Colour, Hazen Units	< 1.0	5	15	IS 3025 (Part-4) :2021
5	Turbidity, NTU	0.0	1	5	IS 3025 (Part-10) : 1984
6	Total Dissolved Solids, mg/l @180°C	50	500	2000	IS 3025 (Part-16) : 1984
7	Alkalinity as CaCO ₃ , mg/l	12.7	200	600	IS 3025 (Part-23) : 1986
8	Total Hardness as CaCO ₃ , mg/l	20	200	600	IS 3025 (Part-21) : 2009
9	Calcium as Ca, mg/l	4.8	75	200	IS 3025 (Part-40) : 1991
10	Magnesium as Mg, mg/l	2	30	100	IS 3025 (Part-46) : 1994
11	Chloride as Cl, mg/l	9.6	250	1000	IS 3025 (Part-32) : 1988
12	Sulphate as SO ₄ , mg/l	5.2	200	400	IS 3025 (Part-24) : 2022
13	Fluoride as F, mg/l	0.0	1	1.5	APHA 23 rd Edition
14	Nitrate as NO ₃ , mg/l	0.0	45	No relaxation	APHA 23 rd Edition
15	Iron as Fe, mg/l	0.0	1	No relaxation	IS 3025 (Part-53) : 2003
Remark: The above given sample conforms to the acceptable limits as per IS 10500:2012 drinking water specifications for the above mentioned parameters only.					
Analysed by: Megha K. S Senior Analyst/Junior Analyst					
			Authorized Signatory: P. Vithal S Technical Manager: P. Vithal S RDWSD/WQMSP/TeR/01		

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

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