



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 : BHASHYAM BLOOMS THE GLOBAL SCHOOL #68/5, 68/6Doddanagamangala Village, Lake Road Begur Hobli , Electronic City phase-2, Bengaluru-560100			Report date: 30/10/2025		
			Report Number: 001		
			Reference: TRF		
			Sample code: 001		
			Date of Sample collection: 28/10/2025		
			Analysis start date: 28/10/2025		
Analysis completion date: 29/10/2025					
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	7.0	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, $\mu\text{S}/\text{cm}$ @25°C Temp	70	-	-	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) : 2023
6	Total Dissolved Solids, mg/l @180°C	40	500	2000	IS 3025 (Part-16) : 2023
7	Alkalinity as $\text{CaCO}_3$ , mg/l	8.4	200	600	IS 3025 (Part-23) : 2023
8	Total Hardness as $\text{CaCO}_3$ , mg/l	8.2	200	600	IS 3025 (Part-21) : 2009
9	Calcium as Ca, mg/l	1.6	75	200	IS 3025 (Part-40) : 1991
10	Magnesium as Mg, mg/l	1.0	30	100	IS 3025 (Part-46) : 2023
11	Chloride as Cl, mg/l	8.0	250	1000	IS 3025 (Part-32) : 1988
12	Sulphate as $\text{SO}_4$ , mg/l	5.7	200	400	IS 3025 (Part-24) : 2022
13	Fluoride as F, mg/l	0.5	1	1.5	APHA 24 <sup>th</sup> Edition
14	Nitrate as $\text{NO}_3$ , mg/l	4.2	45	No relaxation	APHA 24 <sup>th</sup> 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: Pavithra B.S Technical Manager: Pavithra B.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