



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

TEST REPORT					
<b>Address of the sampling location :</b>  <b>CARMEL SCHOOL</b>  <b>Padmanaganagara Bengaluru -560070</b>				Report date: 05/07/2025	
				Report Number: 003	
				Reference: TRF	
				Sample code: 003	
				Date of Sample collection: 03/07/2025	
				Analysis start date: 03/07/2025	
				Analysis completion date: 04/07/2025	
				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
<b>Description: Colourless liquid</b>					
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	120	-	-	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	70	500	2000	IS 3025 (Part-16) : 2023
7	Alkalinity as $\text{CaCO}_3$ , mg/l	21.0	200	600	IS 3025 (Part-23) : 2023
8	Total Hardness as $\text{CaCO}_3$ , mg/l	20.4	200	600	IS 3025 (Part-21) : 2009
9	Calcium as Ca, mg/l	21.3	75	200	IS 3025 (Part-40) : 1991
10	Magnesium as Mg, mg/l	2.0	30	100	IS 3025 (Part-46) : 2023
11	Chloride as Cl, mg/l	9.4	250	1000	IS 3025 (Part-32) : 1988
12	Sulphate as $\text{SO}_4$ , mg/l	10.1	200	400	IS 3025 (Part-24) : 2022
13	Fluoride as F, mg/l	Nil	1	1.5	APHA 24 <sup>th</sup> Edition
14	Nitrate as $\text{NO}_3$ , mg/l	12.8	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
<b>Remark:</b> The above given sample conforms to the Acceptable limits as per IS 10500:2012 drinking water specifications for the above mentioned parameters only.					
<b>Analysed by:</b> Megha K.S <b>Senior Analyst/Junior Analyst</b>			<b>Authorized Signatory:</b> Pavithra B.S <b>Technical Manager:</b>		



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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