



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 : SRI RANGA VIDYA NIKETHAN CENTRAL SCHOOL #13/4, #911/1, Dasappa Annexure, Krishne Gowda Layout, T.Dasarahalli, N.H.-4, Bangalore-560057.	Report date: 08/05/2026
	Report Number: 0010
	Reference: TRF
	Sample code: 0010
	Date of Sample collection: 06/05/2026
	Analysis start date: 06/05/2026
	Analysis completion date: 07/05/2026
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	7.1	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, $\mu\text{S}/\text{cm}$ @25°C Temp	260	-	-	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	150	500	2000	IS 3025 (Part-16) : 2023
7	Alkalinity as CaCO_3 , mg/l	42.4	200	600	IS 3025 (Part-23) : 2023
8	Total Hardness as CaCO_3 , mg/l	60.7	200	600	IS 3025 (Part-21) : 2009
9	Calcium as Ca, mg/l	12.7	75	200	IS 3025 (Part-40) : 1991
10	Magnesium as Mg, mg/l	6.9	30	100	IS 3025 (Part-46) : 2023
11	Chloride as Cl, mg/l	22.8	250	1000	IS 3025 (Part-32) : 1988
12	Sulphate as SO_4 , mg/l	25.7	200	400	IS 3025 (Part-24) : 2022
13	Fluoride as F, mg/l	0.1	1	1.5	APHA 24 th Edition
14	Nitrate as NO_3 , mg/l	4.1	45	No relaxation	APHA 24 th Edition
15	Iron as Fe, mg/l	Nil	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

---END---