





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 :- UNIVERSAL GREEN SCHOOL  
Gururayanapura, koluru village, Ramohalli Post, Tavarekere Hobli  
Bengaluru-560074

Report date: 02/06/2025  
Report Number: 0015  
Reference: TRF  
Sample code: 0015  
Date of Sample collection: 30/05/2025  
Analysis start date: 30/05/2025  
Analysis completion date: 31/05/2025  
Sample quantity: 1 Liter

Sample Particulars: Borewell 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	720	-	-	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	0.4	1	5	IS 3025 (Part-10) : 1984
6	Total Dissolved Solids, mg/l @180°C	450	500	2000	IS 3025 (Part-16) : 1984
7	Alkalinity as $\text{CaCO}_3$ , mg/l	196.5	200	600	IS 3025 (Part-23) : 1986
8	Total Hardness as $\text{CaCO}_3$ , mg/l	192.2	200	600	IS 3025 (Part-21) : 2009
9	Calcium as Ca, mg/l	48.1	75	200	IS 3025 (Part-40) : 1991
10	Magnesium as Mg, mg/l	19.4	30	100	IS 3025 (Part-46) : 1994
11	Chloride as Cl, mg/l	57.9	250	1000	IS 3025 (Part-32) : 1988
12	Sulphate as $\text{SO}_4$ , mg/l	40.0	200	400	IS 3025 (Part-24) : 2022
13	Fluoride as F, mg/l	0.3	1	1.5	APHA 23 <sup>rd</sup> Edition
14	Nitrate as $\text{NO}_3$ , mg/l	13.8	45	No relaxation	APHA 23 <sup>rd</sup> Edition
15	Iron as Fe, mg/l	0.2	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

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