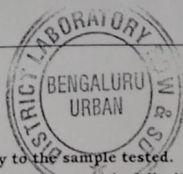




RURAL DRINKING WATER & SANITATION DEPARTMENT, GoK
Bengaluru Urban Divisional Laboratory-Banashankari, Bangalore-560070.

NABL Accredited Laboratory Bangalore urban

TEST REPORT					
Address of the sampling location :- DEEKSHA STEM SCHOOL SRY.NO,10/3E, Kommaghatta – Kengeri road, Kengeri(H&P), Bengaluru - 560060			Report date: 27/03/2025		
			Report Number: 0020		
			Reference: TRF		
			Sample code: 0020		
			Date of Sample collection: 25/03/2025		
			Analysis start date: 25/03/2025		
			Analysis completion date: 26/03/2025		
			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	7.7	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2	Specific Conductance, $\mu\text{S}/\text{cm}$ @25°C Temp	1440	-	-	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	0.6	1	5	IS 3025 (Part-10) : 2023
6	Total Dissolved Solids, mg/l @180°C	920	500	2000	IS 3025 (Part-16) : 2023
7	Alkalinity as CaCO_3 , mg/l	336.0	200	600	IS 3025 (Part-23) : 2023
8	Total Hardness as CaCO_3 , mg/l	448.4	200	600	IS 3025 (Part-21) : 2009
9	Calcium as Ca, mg/l	96.2	75	200	IS 3025 (Part-40) : 1991
10	Magnesium as Mg, mg/l	50.5	30	100	IS 3025 (Part-46) : 2023
11	Chloride as Cl, mg/l	149.7	250	1000	IS 3025 (Part-32) : 1988
12	Sulphate as SO_4 , mg/l	69.2	200	400	IS 3025 (Part-24) : 2022
13	Fluoride as F, mg/l	0.6	1	1.5	APHA 24 th Edition
14	Nitrate as NO_3 , mg/l	19.9	45	No relaxation	APHA 24 th Edition
15	Iron as Fe, mg/l	0.3	1	No relaxation	IS 3025 (Part-53) : 2003
Remark: The above given sample conforms to the Permissible 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---

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