



Ramanagara District Water Quality Testing Laboratory

Office of Executive Engineer, Rural Drinking Water & Sanitation Division,

3rd Floor, Zilla Panchayath Bhawan, Ramanagara - 562159, Karnataka.

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TC-12311

TEST REPORT

Customer Name:

The Principal
BSV Public School

Address of the sampling location:

Bharatiya Samskriti Vidyapith Public School Ijoor,
Ramanagara Town & Ramanagara District.

ULR No. : TC1231124000000796F

Report date: 04.04.2024

Reference: Sample receipt form

Sample receipt date: 03.04.2024

Sample code: RNG24APR0176P

Date of sample collection: 03.04.2024

Analysis start date: 03.04.2024

Analysis completion date: 04.04.2024

Sample collection protocol: APHA 24th Edition

Sample quantity: 1 Litre

Sample Particulars: Borewell Water

Sl. No	Test	Results	Acceptable Limit IS 10500 : 2012	Permissible Limit IS 10500 : 2012	Protocol
Description: Colourless liquid.					
1.	pH Value @25 °C ...	6.97	6.5 - 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Electrical Conductivity, $\mu\text{S}/\text{cm}$ @25 °C	1095	-	-	IS 3025 (Part-14) : 2013
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6) : 2018
4.	Colour, Hazen Units	05	5	15	IS 3025 (Part-4) : 2021
5.	Turbidity, NTU	< 0.5	1	5	IS 3025 (Part-10) : 2023
6.	Total Dissolved Solids @ 180°C, mg/l	632	500	2000	IS 3025 (Part-16) : 2023
7.	Alkalinity as CaCO_3 , mg/l	210.08	200	600	IS 3025 (Part-23) : 2023
8.	Total Hardness as CaCO_3 , mg/l	273.61	200	600	IS 3025 (Part-21) : 2002
9.	Calcium as Ca, mg/l	57.22	75	200	IS 3025 (Part-40) : 1991
10.	Magnesium as Mg, mg/l	31.73	30	100	IS 3025 (Part-46) : 2023
11.	Chloride as Cl, mg/l	110.0	250	1000	IS 3025 (Part-32) : 1988
12.	Sulphate as SO_4 , mg/l	42.62	200	400	IS 3025 (Part-24/Sec 1) : 2022
13.	Fluoride as F, mg/l	1.21	1	1.5	APHA 24 th Edition 4500- F D: 2023
14.	Nitrate as NO_3 , mg/l	32.51	45	No relaxation	APHA 24 th Edition 4500- NO_3 B : 2023
15.	Iron as Fe, mg/l	< 0.1	1	No relaxation	IS 3025 (Part-53) : 2003

Remarks: The given sample conforms to the permissible limits of IS 10500 : 2012 Drinking Water Specification for the above tested parameters only.

RDWSD
Water Quality Lab
Ramanagara.

Deepika
Authorized Signatory
(Deepika N D, Technical Manager)
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