



TEST REPORT

Lalitha International Public School
 Davanagere.

Report date:04-08-2023
 Reference: Sample receipt Form
 Sample receipt date: 02-08-2023
 Analysis start date: 03-08-2023
 Analysis completion date:03-08-2023
 Sample collection protocol: APHA Method
 Sample quantity:1 Ltr

Sample Particulars:Borewell Water

SI.No	Test	Results	Acceptable Limit IS 10500 : 2012 RA:2018	Permissible Limit IS 10500 : 2012 RA:2018	Protocol
Description:					
1.	pH Value @Temp25°C	8.21	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2022
2.	Specific Conductance, $\mu\text{S}/\text{cm}$ @Temp25°C	38	-	-	IS 3025 (Part-14) : 1984
3.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5 & 6):2018
4.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8):2017
5.	Colour, Hazen Units	<5	5	15	IS 3025 (Part-4) : 2021
6.	Turbidity, NTU	0.1	1	5	IS 3025 (Part-10) : 1984
7.	Total Dissolved Solids @ 180°C, mg/l	26	500	2000	IS 3025 (Part-16) : 1984
8.	Alkalinity as CaCO_3 , mg/l	9.26	200	600	IS 3025 (Part-23) : 1986
9.	Total Hardness as CaCO_3 , mg/l	12.13	200	600	IS 3025 (Part-21) : 2009
10.	Calcium as Ca, mg/l	3.21	75	200	IS 3025 (Part-40) : 1991
11.	Magnesium as Mg, mg/l	1.86	30	100	IS 3025 (Part-46) : 1994
12.	Chloride as Cl, mg/l	6.01	250	1000	IS 3025 (Part-32) : 1988
13.	Sulphate as SO_4 , mg/l	3.25	200	400	IS 3025 (Part-24) : 2019
14.	Fluoride as F, mg/l	0.12	1	1.5	APHA 23 rd Edition 2017
15.	Nitrate as NO_3 , mg/l	1.06	45	No relaxation	APHA 23 rd Edition 2017
16.	Iron as Fe, mg/l	0.03	1	No relaxation	IS 3025 (Part-53) : 2008

Remarks: The given Sample confirms to the Acceptable Limit of IS 10500 : 2012 RA:2018 Drinking Water specification for the above tested parameter only

Analysed by: *[Signature]*
 Senior Analyst/Junior Analyst/Analyst

Authorized Signatory:
 Technical Manager *[Signature]*

RDWSD/WQMSP/TeR/O1

- 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.