



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 :- B.R.S Global School Bidaruguppe, Anekal Taluk.				Report date: 19/06/2023	
				Report Number: 0009	
				Reference: TRF	
				Sample code: 0009	
				Date of Sample collection: 17/06/2023	
				Analysis start date: 19/06/2023	
				Analysis completion date: 19/06/2023	
Sample Particulars: Borewell water				Sample collection protocol: APHA Method	
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	1372.0	-	-	IS 3025 (Part-14) : 2013
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	< 1.0	5	15	IS 3025 (Part-4) :2021
6	Turbidity, NTU	0.4	1	5	IS 3025 (Part-10) : 1984
7	Total Dissolved Solids, mg/l @180°C	886.0	500	2000	IS 3025 (Part-16) : 1984
8	Alkalinity as CaCO_3 , mg/l	242.0	200	600	IS 3025 (Part-23) : 1986
9	Total Hardness as CaCO_3 , mg/l	416.5	200	600	IS 3025 (Part-21) : 2009
10	Calcium as Ca, mg/l	125.9	75	200	IS 3025 (Part-40) : 1991
11	Magnesium as Mg, mg/l	24.8	30	100	IS 3025 (Part-46) : 1994
12	Chloride as Cl, mg/l	203.3	250	1000	IS 3025 (Part-32) : 1988
13	Sulphate as SO_4 , mg/l	45.9	200	400	IS 3025 (Part-24) : 2022
14	Fluoride as F, mg/l	0.7	1	1.5	APHA 23 rd Edition
15	Nitrate as NO_3 , mg/l	44.0	45	No relaxation	APHA 23 rd Edition
16	Iron as Fe, mg/l	0.2	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