

TEST REPORT

Page: 1 of 1

Report No: HATL26010030	Report Date : 09/01/2026
Issued to: M/S. Kendriya Vidyalaya M G Railway Colony, Bangalore -560023	Customer Reference : Verbal
	Date of Receipt : 06/01/2026
	Date of start of Test : 07/01/2026
Sample Received by: Our Representative	Date of Completion of Test : 09/01/2026
Sample Name: Tap Water	Sample Particulars: Tap Water

Description: - Colorless, Odorless, Transparent liquid.

TESTS	RESULTS	Maximum Acceptable Limits (mg/l)	Maximum Permissible Limits (mg/l)	Protocol
		(As per IS 10500:2012)		
Colour, Hazen Units	<5.0	5	15	IS-3025/Part-4
Odour	Agreeable	Agreeable	Agreeable	IS-3025/Part-5
Turbidity, NTU	<0.1	1	5	IS-3025/Part-10
pH Value	8.11	6.5 – 8.5	No Relaxation	IS-3025/Part-11
Total Hardness as CaCO ₃ , mg/l	194.1	200	600	APHA 23 rd Edition
Calcium as Ca, mg/l	37.6	75	200	APHA 23 rd Edition
Magnesium, as Mg, mg/l	24.3	30	100	APHA 23 rd Edition
Chloride as Cl, mg/l	38.9	250	1000	IS-3025/Part-32
Total Dissolved solids, mg/l	274.0	500	2000	IS-3025/Part-16
Sulphate as SO ₄ , mg/l	9.8	200	400	IS-3025/Part-24
Nitrate as NO ₃ , mg/l	3.2	45	No Relaxation	IS-3025/Part-34
Fluoride as F, mg/l	0.2	1.0	1.5	APHA 23 rd Edition
Iron as Fe, mg/l	<0.1	0.3	No Relaxation	IS-3025/Part-53
Chromium as Cr6 ⁺ , mg/l	<0.05	0.05	No Relaxation	IS-3025/Part-52
Copper as Cu, mg/l	<0.05	0.05	1.5	IS-3025/Part-42
Manganese as Mn, mg/l	<0.1	0.1	0.3	IS-3025/Part-59
Residual Free Chlorine, mg/l	<0.1	0.2	1	IS-3025/Part-26
Total Alkalinity as CaCO ₃ , mg/l	200.0	200	600	IS-3025/Part-23
Aluminium, as Al, mg/l	<0.01	0.03	0.2	IS-3025/Part-55
Boron as B, mg/l	<0.1	0.5	1.0	APHA 23 rd Edition
Microbiological parameters				
Total coliform, CFU/100ml	Absent	Not detectable		IS 1622:1981
E. coli, CFU/100ml	Absent	Not detectable		IS 1622:1981

Remarks: The given water sample meets the maximum permissible limits as per IS 10500:2012 standard for above physio chemical testing.