



AHMEDABAD MUNICIPAL CORPORATION
MAHANAGAR SEVA SADAN
CENTRAL LABORATORY
(An ISO 9001: 2015 Accredited Laboratory)



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August 14, 2023.

To,
The Principal,
Kendriya Vidhyalaya,
Cantt. Nr. Dafnala, Ahmedabad

Dear Sir,

We have analyzed your water samples received on Dt. 04-08-2023 for the following **Chemical and Bacteriological** parameters. The analysis report is as hereunder.

Sr. No.	Parameter	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	GF Direct Supply	Primary GF	Secondary FF
		As per IS-10500-2012				
A. Organoleptic and Physical Parameters						
1	Colour, Hazen units, Max	5	15	0.1	0.1	0.1
2	pH value	6.5-8.5	No relaxation	8.20	8.21	8.3
3	Turbidity, NTU, Max	1	5	0.2	0.1	0.1
4	Total dissolved solids, mg/l, Max	500	2000	184	182	186
B. General Parameters						
1	Total hardness (as CaCO ₃), mg/l, Max	200	600	120	120	120
2	Calcium (as Ca), mg/l, Max	75	200	28	28	28
3	Magnesium (as Mg), mg/l, Max	30	100	12.2	12.2	12.2
4	Chloride (as Cl), mg/l, Max	250	1000	20	20	20
5	Sulphate (as SO ₄) mg/l, Max	200	400	12.4	12.0	12.1
6	Total alkalinity (as CaCO ₃), mg/l, Max	200	600	130	120	130
7	Free residual chlorine, mg/l, Min	0.2	1	0.2	Nil	0.5
C. Bacteriological Quality of Drinking Water						
1	Total Coliform bacteria, MPN/100 ml.	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	Not Detected	Not Detected	Not Detected
2	E. coli, MPN/100 ml.	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	Not Detected	Not Detected	Not Detected

Remarks:

- The Central Laboratory, AMC, has collected the samples.
- The result contained in this report relate only to the sample material tested.
- The report is not being reproduce wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.

NOTE — It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still 'permissible limit in the absence of alternate source' in column 4, above which the sources will have to be rejected. May be tolerated in the absence of an alternative source but up to the limits indicated.

Scientist In-Charge
Central Lab

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