AHMEDABAD MUNICIPAL CORPORATION
MAHANAGAR SEVA SADAN

CENTRAL LABORATORY

(An ISO 9001: 2015 Accredited Laboratory)

Lic No QAC/R91/4650

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July 24, 2025.

To,
The Principal,
Kendriya Vidyalaya,
Ahmedabad Cant, Ahmedabad.

Dear Sir,

We have analyzed your water samples collected on Dt. 10-07-2025 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	Staff Room R.O.	Student Drinking Point - 1	New R.O. Near Main Gate
		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	6.6	7.9	7.9
3	Turbidity, NTU, Max	1	5	0.31	0.15	0.71
4	Total dissolved solids, mg/l, Max	500	2000	36	192	186
B.	**General Parameters**					
1	Total hardness (as $CaCO_3$), mg/l, Max	200	600	10	130	110
2	Calcium (as Ca), mg/l, Max	75	200	2.4	32	28
3	Magnesium (as Mg), mg/l, Max	30	100	0.97	12.2	9.76
4	Chloride (as Cl), mg/l, Max	250	1000	5	20	15
5	Sulphate (as SO_4) mg/l, Max	200	400	< 1.0	4.8	4.2
6	Total alkalinity (as $CaCO_3$), mg/l, Max	200	600	20	140	140
7	Free residual chlorine, mg/l, Min	0.2	1.0	Nil	Nil	Nil
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:

1. The Central Laboratory, AMC, has collected the samples.
2. The result contained in this report relate only to the sample material tested.
3. 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.

Dr. Hiren C. Mandalia
Scientist In-Charge