



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



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March 27, 2023.

To,  
The Principal,  
Podar International School,  
Behind Vitthal Complex, New CG Road,  
Chandkheda, Ahmedabad

Dear Sir,

We have analyzed your water samples collected on Dt. 20-03-2023 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	After R.O.	Bore Water
		As per IS-10500-2012			
<b>A. Organoleptic and Physical Parameters</b>					
1	Colour, Hazen units, Max	5	15	0.1	0.1
2	pH value	6.5-8.5	No relaxation	8.3	7.8
3	Turbidity, NTU, Max	1	5	0.1	0.3
4	Total dissolved solids, mg/l, Max	500	2000	68	1080
<b>B. General Parameters</b>					
1	Total hardness (as CaCO <sub>3</sub> ), mg/l, Max	200	600	5	200
2	Calcium (as Ca), mg/l, Max	75	200	1.2	52
3	Magnesium (as Mg), mg/l, Max	30	100	0.488	17.08
4	Chloride (as Cl), mg/l, Max	250	1000	16	240
5	Sulphate (as SO <sub>4</sub> ) mg/l, Max	200	400	< 1.0	75.3
6	Total alkalinity (as CaCO <sub>3</sub> ), mg/l, Max	200	600	34	580
7	Free residual chlorine, mg/l, Min	0.2	1.0	Nil	Nil
<b>C. Bacteriological Quality of Drinking Water</b>					
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
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

**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.

  
28/3/23  
Scientist In-Charge  
Central Laboratory