



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



Dudheshwar Water Works Compound, Dudheshwar, Ahmedabad-380 004, Gujarat, India.
E-mail: centrallab@ahmedabadcity.gov.in, Phone No-(079) 25631105, 25630438.

March 24, 2020.

To,
The Principal,
Aatmiya Vidhyaniketan(Aatmiya Sanskardham),
Arjun Ashram Road, Nirnaynagar, Ranip
Ahmedabad.

Dear Sir,

We have analyzed your water sample collected on Dt. 18-03-2020 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	Sample Value
		As per IS-10500-2012		
(1)	(2)	(3)	(4)	(5)
A.	Organoleptic and Physical Parameters			
1	Colour, Hazen units, Max	5	15	0.1
2	pH value	6.5-8.5	No relaxation	7.49
3	Turbidity, NTU, Max	1	5	0.13
4	Total dissolved solids, mg/l, Max	500	2000	48
B.	General Parameters			
1	Total hardness (as CaCO3), mg/l, Max	200	600	20
2	Calcium (as Ca), mg/l, Max	75	200	4
3	Magnesium (as Mg), mg/l, Max	30	100	2.44
4	Chloride (as Cl), mg/l, Max	250	1000	10
5	Sulphate (as SO4) mg/l, Max	200	400	< 1.0
6	Total alkalinity as calcium carbonate, mg/l, Max	200	600	30
7	Free residual chlorine, mg/l, Min	0.2	1	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
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

Remarks:

1. The Central Laboratory, AMC, has collected the sample.
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

[Signature]
Dr. H. C. Mandalia
Scientist In-Charge



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To,
The Principal,
 Aatmiya Vidhyaniketan,
 Nr. Arjun Ashram, Nirnaynagar, Ranip,
 Ahmedabad.

December 26, 2018

Dear Sir,

Please find hereunder the bacteriological and chemical analysis results of your water sample collected on 18/12/2018.

ANALYSIS REPORT

Sr. No.	Parameter	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	Sample Value
		As per IS-10500-2012		
(1)	(2)	(3)	(4)	(5)
A.	Organoleptic and Physical Parameters			
1	Colour, Hazen units, Max	5	15	0.1
2	pH value	6.5-8.5	No relaxation	7.1
3	Turbidity, NTU, Max	1	5	0.1
4	Total dissolved solids, mg/l, Max	500	2000	146
B.	General Parameters			
1	Total hardness (as CaCO3), mg/l, Max	200	600	20
2	Calcium (as Ca), mg/l, Max	75	200	4
3	Magnesium (as Mg), mg/l, Max	30	100	2.44
4	Chloride (as Cl), mg/l, Max	250	1000	50
5	Sulphate (as SO4), mg/l, Max	200	400	3.24
6	Total alkalinity as calcium carbonate, mg/l, Max	200	600	50
7	Free residual chlorine, mg/l, Min	0.2	1	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
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

Remarks:

- The Central Laboratory, AMC, has collected the sample.
- 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.**
- This sample is collected and analysed, as per the request made by the party and in accordance with AMC resolution no. 224 dated 30/04/2013.

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