

પ્રયોગશાળા ઇન્ચાર્જ,
જિલ્લા પ્રયોગશાળા,
પ્રથમ માળ, જલભવન,
આર. ટી. ઓ. સામે, પાલાવાસણા,
મહેસાણા - ૩૮૪૦૦૩.
ફોન : (૦૨૭૬૨) ૨૨૫૩૬૫



E mail : dl.mehesana@gmail.com

Laboratory In Charge,
District Laboratory,
First Floor, Jalbhavan,
Opposite RTO, Palavasana,
MEHSANA - 384003.
Phone : (02762) 225365

Test Report

Name & Address of Customer:-

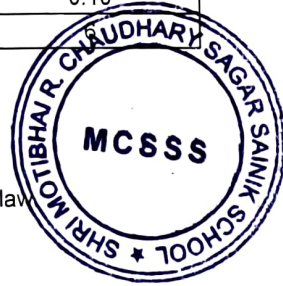
The Principal
Shri Motibhai Chaudhary Sagar Sainik School
Govt.
Mehsana
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Customer Reference No.:, 13/Mar/2026
Sample Submitted by : Sender
Date of Sample Receipt : 13-Mar-2026
Analysis Starting Date : 13-Mar-2026
Analysis Completion Date : 13-Mar-2026
Dicipline : Chemical Testing, Group : Drinking Water

Test Report No.: 46038 / 2025-2026.		Date of Issue : 16-Mar-2026		
Sample ID : MCW-2585 / 03-2026		Mode of Sample: Satisfactory		
Main Source : Surface water		Source : R.o Water		
Location : R.O Mineral Water of Ground Floor				
Village : Boryavi		Habitation : Boryavi		
Taluka : Mehsana		District : Mehsana		
Latitude : 23.524064		Longitude : 72.362209		
Kindly find herewith the Analytical Results.		Sample Type: Drinking Water		
Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (24 rd Ed.2023), Method: 2120 B	1.00
2	Turbidity	NTU	APHA (24 rd Ed.2023), Method: 2130 B	< 0.5
3	pH at 25 ^o C	-	APHA (24 rd Ed.2023) Method: 4500 H ⁺ B	7.17
4	Conductivity at 25 ^o C	μS/cm	APHA (24 rd Ed.2023) Method: 2510 B	119
5	Total Dissolved Solids	mg/L	APHA (24 rd Ed.2023) Method: 2540 C	76
6	Total Hardness (as CaCO ₃)	mg/L	APHA (24 rd Ed.2023) Method: 2340 C	24
7	Calcium (as Ca ⁺²)	mg/L	APHA (24 rd Ed.2023) Method: 3500 Ca ⁺² B	7
8	Magnesium (as Mg ⁺²)	mg/L	APHA (24 rd Ed.2023) Method: 3500-Mg ⁺² B	< 5
9	Chloride (as Cl ⁻)	mg/L	APHA (24 rd Ed.2023) Method: 4500-Cl ⁻ B	16
10	Sulphate (as SO ₄ ⁻²)	mg/L	APHA (24 rd Ed.2023) Method: 4500-SO ₄ ⁻² E	2
11	Nitrate (as NO ₃ ⁻)	mg/L	APHA (24 rd Ed.2023) Method: 4500-NO ₃ ⁻ B	< 1
12	Fluoride (as F ⁻)	mg/L	APHA (24 rd Ed.2023) Method: 4500-F ⁻ C	0.10
13	Total Alkalinity (as CaCO ₃)	mg/L	APHA (24 rd Ed.2023) Method: 2320 B	

This Report is issued under the following terms & Condition :

1. This report is referring only to the tested sample and for applicable parameter.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part, and can't be used be as evidence in court of law
4. Please refer back page for IS 10500:2012 (2nd Revision) limits.



Checked By :
Urja Patel
Urja Patel
Lab Analyst
Lab Analyst
District Laboratory
GWSSB, Mehsana



Issued By:
Priya Raval
Priya Raval
Quality Manager
Quality Manager
District Laboratory
GWSSB, Mehsana

End of the Test Report

O.W.No. DLMehsana/CTR/ 171 / of 2026, Dt. 16 / 3 / 2026

1st Floor, "Jalbhavan", Opp. RTO, Palavasana, Mehsana-384003
Phone No.:- (02762) 225365, 225186, Ext.:- Laboratory, Fax No.:- (2762) 225375, E-mail:- dl.mahesana@gmail.com

Asst. Admin
Asst. Admin
MRCSSS

Principal
PRINCIPAL
SHRI MOTIBHAI R. CHAUDHARY
SAGAR SAINIK SCHOOL, MEHSANA

IS-10500:2012 (2nd Revision)

Sr. No.	Parameter	Unit	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
			Max.	Max.
1	Colour	Hazen	5	15
2	Turbidity	NTU	1	5
3	pH at 25 ⁰ C	-	6.5 to 8.5	No relaxation
4	Conductivity at 25 ⁰ C	μS/cm	-	-
5	Total Dissolved Solids	mg/L	500	2000
6	Total Hardness (as CaCO ₃)	mg/L	200	600
7	Calcium (as Ca)	mg/L	75	200
8	Magnesium (as Mg)	mg/L	30	100
9	Chloride (as Cl)	mg/L	250	1000
10	Sulphate (as SO ₄)	mg/L	200	400
11	Nitrate (as NO ₃)	mg/L	45	No relaxation
12	Fluoride (as F)	mg/L	1	1.5
13	Total Alkalinity (as CaCO ₃)	mg/L	200	600

DA
Asst. Admin
MRCSSS



Mhe
PRINCIPAL
SHRI MOTIBHAI R. CHAUDHARY
SAGAR SAINIK SCHOOL, MEHSANA



પર્યાવરણીય પુનરાચાર્ય,
જીલ્લા પર્યાવરણીય,
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આર. ટી. એ. સમી, પાલાવાસણ,
મેહસાણા - ૩૮૪૦૦૩.
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MEHSANA - 384003.
Phone : (02762) 225365



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

The Principal
Shri Motibhai Chaudhary Sagar Sainik School
Mehsana

Sender's Ref. No. : ...

Ref. Date : 13-Mar-26

Date & Time of Commencing Examination : 13-Mar-26

Sample collected by : Sender

BW No.	2546
Date of Collection	13-Mar-26
Date of Arrival at Lab.	13-Mar-26
Source of Water Sample	R.O Mineral Water of Ground Floor
Village	Boryavi
Habitation	Boryavi
Taluka	Mehsana
District	Mehsana
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	Absent
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 37° C	Absent
MPN of coliform per 100 ml of sample at 37° C	-----
MPN of Faecal coliform per 100 ml of sample at 44° C	-----
Free Chlorine (PPM)	Nil
OPINION FOR POTABILITY :	Potable

Important Note:-

1) '>=' Indicates greater than or equal to, 2) '<' Indicates less than

NOTE : Table - 6 Bacteriological Quality of Drinking Water (BIS:10500:2012) : Second Revision.

@ All Water Intended for Drinking -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

@ Treated Water Entering the Distribution system & Treated Water in the Distribution system -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

(b) Total coliform bacteria shall not be detectable in any 100ml sample.

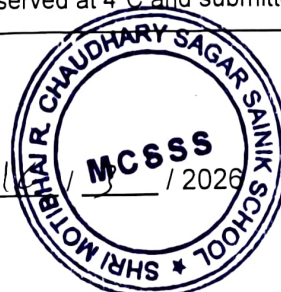
@ 0.2ppm Free Residual Chlorine at consumer end is recommended.

1) Test Report is issued for assessing Bacteriological Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.

2) This Report should not be taken as a basis to getting license from any Government authority.

3) After Collection of Bact. Sample, it must be preserved at 4°C and submitted to laboratory within 24hrs.

Outward No. 548/26
PRINCIPAL
SHRI MOTIBHAI R. CHAUDHARY
SAGAR SAINIK SCHOOL, MEHSANA
2026, Date: 13/03/2026



Dr. Patel
Microbiologist

Asst. Admin
MRCSSS