GUJARAT JALSEVA TRAINING INSTITUTE
GWSSB LABORATORIES

જીલ્લા પ્રયોગશાળા
ગુજરાત પાણી પુરવઠા અને
ગટર વ્યવસ્થા બોર્ડ,
પ્રથમ માળ, જલભવન,
આર. ટી. ઓ. સામે, પાલાવાસાણા,
મહેસાણા-૩૮૪૦૦૩

District Laboratory
Gujarat Water Supply and
Sewerage Board
First Floor, Jalbhavan,
Opposite R.T.O., Palavasana,
Mehsana-384003

NABLT0626GJ18273

E-mail : dl.mahesana@gmail.com

Test Report

Name & Address of Customer:-
The Principal
Kendriya Vidhyalaya
Mehsana
Govt
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Customer Reference No.& Date: ...., 03/Jul/2026
Sample Submitted by : Sender
Date of Sample Receipt : 03-Jul-2026
Analysis Starting Date : 04-Jul-2026
Analysis Completion Date : 04-Jul-2026
ULR No.:NABLT0626GJ182732600000245
Dicipline : Chemical Testing, Group : Drinking Water

Test Report No.: 1026 / 2026-2027.			Date of Issue : 06-Jul-2026	
Sample ID.: MCW-1026 / 07-2026			Mode of Sample: Satisfactory	
Main Source : Surface water			Source : Sump	
Location : Tap Water of Kendriya Vidhyalaya				
Village : Mehsana			Habitation : Mehsana	
Taluka : Mehsana			District : Mehsana	
Latitude : 00.000000 23.600925			Longitude : 00.000000 72.375747	
Kindly find herewith the Analytical Results.			Sample Type: Drinking Water	
Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (24th Ed.2023), Method: 2120 B	1.00
2	Odour	-	IS : 3025 (Part 5) - 2018	Agreeable
3	Taste	-	IS : 3025 (Part 8) - 1984	Agreeable
4	Turbidity	NTU	APHA (24th Ed.2023), Method: 2130 B	< 1
5	pH at 25°C	-	APHA (24th Ed.2023), Method: 4500 H+ B	7.00
6	Conductivity at 25°C	µS/cm	APHA (24rd Ed.2023) Method: 2510 B	441
7	Total Dissolved Solids at 180 °C	mg/L	APHA (24th Ed.2023), Method: 2540 C	316
8	Total Hardness (as $CaCO_3$)	mg/L	APHA (24th Ed.2023), Method: 2340 C	208
9	Calcium (as Ca^{+2})	mg/L	APHA (24th Ed.2023), Method: 3500 Ca+2 B	45
10	Magnessium (as Mg^{+2})	mg/L	APHA (24th Ed.2023), Method: 3500-Mg+2 B	23
11	Chloride (as Cl^-)	mg/L	APHA (24th Ed.2023), Method: 4500-Cl – B	47
12	Sulphate (as SO_4^{-2})	mg/L	APHA (24th Ed.2023), Method: 4500-SO4-2 E	33
13	Nitrate (as NO_3^-)	mg/L	APHA (24rd Ed.2023) Method: 4500-NO3- B	6.07
14	Fluoride (as F^-)	mg/L	APHA (24th Ed.2023), Method: 4500-F – C	0.19
15	Total Alkalinity (as $CaCO_3$)	mg/L	APHA (24th Ed.2023), Method: 2320 B	158

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 7 Days 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.
5. Sample is collected by sender.

Checked By :
Urja Patel
Senior Chemist
Technical Manager
District Laboratory
GWSSB, Mehsana

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

End of the Test Report

O.W.No. DLMSN / CTR / 394 / of 2026, Dt. 6 / 7 / 2026

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 25^0C	-	6.5 to 8.5	No relaxation
4	Conductivity at 25^0C	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	Magnessium (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

પ્રયોગશાળા ઇન-ચાર્જશ્રી,
જીલ્લા પ્રયોગશાળા,
પ્રથમ માળ, જલભવન,
આર.ટી.ઓ. સામે, પાલવાસણા,
મહેસાણા - ૩૮૪૦૦૩.
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District Laboratory,
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MEHSANA - 384003.
Phone : (02762) 225365

GWSSB LABORATORIES

REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address
The Principal
Kendriya Vidhyalaya
Mehsana

Sender's Ref. No. : ....
Ref. Date : 03-Jul-26
Date & Time of Commencing Examination : 03-Jul-26
Sample collected by : Sender

BW No.	1003
Date of Collection	3-Jul-26
Date of Arrival at Lab.	3-Jul-26
Source of Water Sample	Tap Water of Kendriya Vidhyalaya
Village	Mehsana
Habitation	Mehsana
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 Rivision.

@ All Water Intended for Drinking -
(a) E.coli or Thermotolerant coliform bacteria shall not be detactable 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 detactable in any 100ml sample.
(b) Total coliform bacteria shall not be detactable in any 100ml sample.
@ 0.2ppm Free Residual Chlorine at consumer end is recommanded.

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.: BAR / 394 / of 2026, Date: 6 / 7 / 2026

Microbiologist