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GUJARAT WATER SUPPLY & SEWERAGE BOARD
JAL BHAVAN, SARU SECTION ROAD
JAMNAGAR

GWSSB LABORATORIES

REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address
PRINCIPAL P.M. SHREE KENDRIYA VIDHYALAYA-3
AIR FORCE-2
JAMNAGAR

Sender's Ref. No: NIL
Date of Collection : 01-08-2026
Date of Receipt at Lab.: 01-08-2026
Sample collected by : SENDER

Lab Ref. i.e. JBW No.	1375
Date of Completion Examination	04-08-2026
Source of Water Sample	SURFACE WATER
Source Details	MUNI. TAP WATER FROM MES,AIR FORCE-2
Village	JAMNAGAR
Habitation	JAMNAGAR
Taluka	JAMNAGAR
District	JAMNAGAR
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	--
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 44° C	--
Total Coliform Test: (MFT APHA - 9222B, IS - 15185:2016, ISO 9308-1:2014)	<1
Thermotolerant Fecal coliform (E.Coli) Test: (MFT APHA - 9222D, IS - 15185:2016, ISO 9308-1:2014)	<1
Free Residual Chlorine (PPM)	0.1
OPINION FOR POTABILITY AS PER THE BIS:10500:2012	FIT

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.

(Microbiologist)

Water Sample Lab Reference No :-
GJTI /Dist. Lab / BWT / 600 / of 2026 DATE: 4/08/26

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Laboratory In Charge
District Laboratory, G.W.S. & S.B
"JAL BHAVAN"
Saru Section Road
Saru Section Road, JAMNAGAR - 361002 Phone : (0288)2550253

GUJARAT JALSEVA TRAINING INSTITUTE
GWSSB LABORATORIES

QF-DLJT 8/5-4

TC-17364

Test Report

Name & Address of Customer:-
PRINCIPAL P.M. SHREE KENDRIYA VIDHYALAYA-3
AIR FORCE-2
JAMNAGAR

Customer Reference No.:	NIL
Sample Submitted by :	SENDER
Date of Sample Receipt :	1/8/2026
Analysis Starting Date :	1/8/2026
Analysis Completion Date :	3/8/2026
ULR No.:	TC179640000000958F

Discipline : Chemical Testing, Group: Water

Test Report No.:	1231/08/2026	Date of Issue :	5/8/2026
Sample ID :	JCW-1231/08/2026		
Main Source :	DRINKING WATER	Source :	TAP WATER
Location :	TAP WATER FROM AIR FORCE MES		
Village :	JAMNAGAR	Habitation :	JAMNAGAR
Taluka :	JAMNAGAR	District :	JAMNAGAR
Latitude Longitude :	--	Sample Condition :	
Kindly find herewith the Analytical Results.		Sample Type: Drinking Water	

Sr. No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (24th Ed.), Method: 2120 B (Visual Comparision Method)	<5
2	Odour	-	IS 3025 (Part 5)	Agreeable
3	Taste	-	IS 3025 (Part 6)	Agreeable
4	Turbidity	NTU	APHA (24th Ed.), Method: 2130 B (Nephelometric Method)	1.24
5	pH at 250C	-	APHA (24th Ed.) Method: 4500 H+ B (Electrometric Method)	7.82
6	Conductivity at 250C	µS/cm	APHA (24th Ed.) Method: 2510 B (Laboratory Method)	289
7	Total Dissolved Solids	mg/l	APHA (24th Ed.)Method: 2540 C (Gravimeric Method)	186
8	Total Hardness (as CaCO3)	mg/l	APHA (23rd Ed.2017) Method: 2340 C (EDTA Titrimetric Mehod)	104
9	Calcium (as Ca+2)	mg/l	APHA (23rd Ed.2017) Method: 3500 Ca+2 B (EDTA Titrimetric Mehod)	25
10	Magnessium (as Mg+2)	mg/l	APHA (23rd Ed.2017) Method: 3500-Mg+2 B (By Calculation)	10
11	Chloride (as Cl-)	mg/l	APHA (23rd Ed.2017) Method: 4500-Cl – B (Argentometric Mehod)	80
12	Sulphate (as SO4-2)	mg/l	APHA (23rd Ed.2017) Method: 4500-SO4-2 E (Turbidometric Mehod)	18
13	Nitrate (as NO3-)	mg/l	APHA (23rd Ed.2017) Method: 4500-NO3- B (UV Spectrophotometric)	9.63
14	Fluoride (as F-)	mg/l	APHA (23rd Ed.2017) Method: 4500-F – C (Ion Selective Electrode Method)	0.20
15	Total Alkalinity (as CaCO3)	mg/l	APHA (23rd Ed.2017) Method: 2320 B (Titration Method)	88

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 :

F.M.S

Chemist & Dy. T.Mg.

Issued By:

Patel

Chemist & Technical Manager

Authorized Signatory

---------- End of the Test Report ----------

O.W. No. DLJ /607/ of 2026 , Date :- 05/08/26

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