TALUKA LABORATORY
O/O The Dy. Ex. Eng
P.H.S Sub Dn.
Jalbhavan, Daksh-Prajapati Society
Anjar (370110) Kachchh
Email ID : tl.gandhidham@gmail.com

GUJARAT JALSEVA TRAINING INSTITUTE
GWSSB LABORATORIES

REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address
Principal
PM Shri KV Railway
Gandhidham

Sender's Ref. No.: ...
Ref. Date: ...
Date & Time of Commencing Examination. 12-Jan-26
Sample collected by: **sender**

BW No.	PB-34	PB-35
Date of Collection	12-Jan-26	12-Jan-26
Date of Arrival at Lab.	12-Jan-26	12-Jan-26
Source of Water Sample	Bore Well	R/O Water
Village	Gandhidham	Gandhidham
Habitation	...	...
Taluka	Gandhidham	Gandhidham
District	Kachchh	Kachchh
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	....	....
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 37° C	.....	.....
MPN of coliform per 100 ml of sample at 37° C	< 2	< 2
MPN of Faecal coliform per 100 ml of sample at 44° C	< 2	< 2
Free Chlorine (PPM)	0.20	0.20
OPINION FOR POTABILITY :	Potable	Potable

Important Note:-
" unsafe* " :- Proper Disinfection may render it safe.
Presence of Coliform in water sample indicates the need of proper Disinfection.
Water Sample contains very high Free Chlorine, such a high Chlorine is not advisable for human consumption.
Free Chlorine shouldn't exceed "0.2 ppm" at the consumar end.Also the analysis is not feasible in presence of such a high Free Chlorine content.
** Presence of Free Chlorine in the water indicates that water is disinfected and hence bacteriologically water is Fit for Potable use.

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.

Checked By
Chemist / Microbiologyst

Laboratory In Charge

Outward No.: PVTB-16, Date:-15-01-2026

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Taluka Laboratory Anjar,
Gujarat Water Supply &
Sewerage Bord
Jalbhavan,Daksh Prajapati
Society
Anjar - Kutch. 371110

તાલુકા પ્રયોગશાળા, અંજાર,
ગુ.પા.પુ.અને ગ.વ્ય.બોર્ડ,
જલભવન,
દક્ષ પ્રજાપતિ સોસાયટી.
અંજાર - કચ્છ
પીનં- ૩૭૦૧૧૦

E-mail : tl.gandhidham@gmail.com

NABL-DWT-00171

Name & Address of Customer :-
Principal
PM Shri KV Railway, ...
Gandhidham

Test Report

Customer Reference No. :	-
Sample Submitted by :	sender
Date of Sample Receipt :	12-01-2026
Analysis Starting Date :	13-01-2026
Analysis completion Date :	15-01-2026

Test Report No :	PC-123/2025-'26	Discipline :	Chemical Testing, Group: Water
Sample ID :	ACW-PC-123/01-'26	Date of Issue :	15-01-2026
Main Source :	Ground water	Mode of Sample :	Satisfactory
Location :	Bore Well	Source :	Bore Well
Village :	Gandhidham	Habitation :	...
Taluka :	Gandhidham	District :	Kachchh, Pin Code : 370201
Latitude :	...	Longitude :	...
Kindly find herewith the Analytical Results.		Sample Type :	Drinking Water

Sr. No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (24rd Ed.2023), Method: 2120 B	<1
2	Odour	-	IS : 3025 (Part 5) - 2018	Agreeable
3	Turbidity	NTU	APHA (24rd Ed.2023), Method: 2130 B	1.51
4	pH at 25°C	-	APHA (24rd Ed 2023) Method: 4500 H+ B	8.18
5	Total Dissolved Solids	mg/l	APHA (24rd Ed 2023) Method: 2540 C	5750
6	Total Alkalinity (as $CaCO_3$)	mg/l	APHA (24rd Ed.2023) Method: 2320 B	1204
7	Chloride (as Cl^-)	mg/l	APHA (24rd Ed.2023) Method: 4500-Cl – B	2040
8	Fluoride (as F^-)	mg/l	APHA (24rd Ed.2023) Method: 4500-F – C	0.29
9	Nitrate (as NO_3^-)	mg/l	APHA (24rd Ed 2023) Method. 4500-NO3- B	2.22
10	Sulphate (as SO_4^{-2})	mg/l	APHA (24rd Ed 2023) Method. 4500-SO4-2 E	856
11	Calcium (as Ca^{+2})	mg/l	APHA (24rd Ed 2023) Method. 3500 Ca+2 B	385
12	Magnessium (as Mg^{+2})	mg/l	APHA (24rd Ed.2023) Method: 3500-Mg+2 B	176
13	Total Hardness(as $CaCO_3$)	mg/l	APHA (24rd Ed.2023) Method: 2340 C	1688
14	Conductivity	µs/cm	APHA (24rd Ed 2023) Method. 2510 B	8984

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.

Checked & Issued By :

Designation of Authorized Signatory

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

"Outward No.: TLAnjar/PVTC- 40 Date :- 15-01-2026

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