



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

તાલુકા પ્રયોગશાળા, અંજાર,  
ગુ. પા. પુ. અને ડા. વ્ય. બોર્ડ,  
જાલબહાવ,  
દક્ષ પ્રજાપતિ સોસાયટી.  
અંજાર - કચ્છ  
પિન- ૩૭૦૧૧૦



NABL-  
DWT-00171

E-mail : tl.gandhidham@gmail.com

**Name & Address of Customer :-**

The Principal  
GD Gonenka International School Gandhidham,  
Gandhidham

**Test Report**

Customer Reference No. : -  
Sample Submitted by : sender  
Date of Sample Receipt : 06-06-2025  
Analysis Starting Date : 10-06-2025  
Analysis completion Date : 10-06-2025

Discipline : Chemical Testing, Group: Water

Test Report No :	118/2024-'25	Date of Issue :	10-06-2025
Sample ID :	ACW-118/06-'25	Mode of Sample :	Satisfactory
Main Source :	Ground water	Source :	Bore Well
Location :	R/O Water (Compound)		
Village :	Antarjal	Habitation :	..
Taluka :	Gandhidham	District :	Kachchh, Pin Code : 370205
Latitude :	23.050000	Longitude :	70.090000

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	1.02
4	pH at 25°C	-	APHA (24rd Ed.2023) Method: 4500 H+ B	7.35
5	Total Dissolved Solids	mg/l	APHA (24rd Ed.2023) Method: 2540 C	310
6	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	APHA (24rd Ed.2023) Method: 2320 B	68
7	Chloride (as Cl <sup>-</sup> )	mg/l	APHA (24rd Ed.2023) Method: 4500-Cl - B	128
8	Fluoride (as F <sup>-</sup> )	mg/l	APHA (24rd Ed.2023) Method: 4500-F - C	0.13
9	Nitrate (as NO <sub>3</sub> <sup>-</sup> )	mg/l	APHA (24rd Ed.2023) Method: 4500-NO3- B	2.22
10	Sulphate (as SO <sub>4</sub> <sup>-2</sup> )	mg/l	APHA (24rd Ed.2023) Method: 4500-SO4-2 E	20
11	Calcium (as Ca <sup>+2</sup> )	mg/l	APHA (24rd Ed.2023) Method: 3500 Ca+2 B	19
12	Magnessium (as Mg <sup>+2</sup> )	mg/l	APHA (24rd Ed.2023) Method: 3500-Mg+2 B	8
13	Total Hardness(as CaCO <sub>3</sub> )	mg/l	APHA (24rd Ed.2023) Method: 2340 C	80
14	Conductivity	µs/cm	APHA (24rd Ed.2023) Method: 2510 B	484

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 :

**CHEMIST**

Designation of Authorized Signatory

End of the Test Report

"Outward No.: TLAnjar/ 278

Date :- 10/06/25

Taluka Laboratory Anjar, Gujarat Water Supply & Sewerage Board, Jalbhavan, Daksh Prajapati Society, Anjar - Kutch. 370 110  
E-mail : tl.gandhidham@gmail.com



SECRETARY  
NARANBHAI SAVABHAI CHAVDA  
EDUCATION CHARITABLE TRUST

IS-10500:2012 (2<sup>nd</sup> Revision)

Sr. No.	Parameter	Unit	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
			Max.	Max.
1	Colour	Hazen	5	15
2	Odour	-	-	-
3	Taste	-	-	-
4	Turbidity	NTU	1	5
5	pH at 25°C	-	6.5 to 8.5	No relaxation
6	Total Dissolved Solids	mg/l	500	2000
7	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	200	600
8	Chloride (as Cl)	mg/l	250	1000
9	Fluoride (as F)	mg/l	1.00	1.50
10	Nitrate (as NO <sub>3</sub> )	mg/l	45	No relaxation
11	Sulphate (as SO <sub>4</sub> )	mg/l	200	400
12	Calcium (as Ca)	mg/l	75	200
13	Magnesium (as Mg)	mg/l	30	100
14	Total Hardness (as CaCO <sub>3</sub> )	mg/l	200	600
15	Conductivity	µs/cm	-	-

*[Signature]*



*[Signature]*

SECRETARY  
NARANBHAI SAVABHAI CHAVDA  
EDUCATION CHARITABLE TRUST





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



**REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER**

**Name & Address**

The Principal  
GD Gonenka International School Gandhidham  
Antarjal

Sender's Ref. No. : ...

Ref. Date : ...

Date & Time of Commencing Examination : 06-Jun-25

Sample collected by : sender

BW No.	127
Date of Collection	06-Jun-25
Date of Arrival at Lab.	06-Jun-25
Source of Water Sample	R/O Water (Compound)
Village	Antarjal
Habitation	...
Taluka	Anjar
District	Kachchh
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	....
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 44° C	....
MPN of coliform per 100 ml of sample at 37° C	< 2
MPN of Faecal coliform per 100 ml of sample at 44° C	< 2
Free Chlorine ( PPM )	...
OPINION FOR POTABILITY :	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 consumer 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 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.

Checked By

✓ Chemist / Microbiologist

Outward No.: BAR/311 of 2025, Date:-16-06-2025

CHEMIST

*[Signature]*

Laboratory In Charge



*[Signature]*



*[Signature]*

SECRETARY  
NARANBHAI SAVABHAI CHAVDA  
EDUCATION CHARITABLE TRUST