



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

તાલુકા પ્રયોગશાળા, અજાર,
ગુ. પા. પુ. અને ગ. વ્ય. બોર્ડ,
જલભવન,
દક્ષ પ્રજાપતિ સોસાયટી,
અજાર - ૬૨૨૭
ફોન - ૩૭૦૧૧૦



NABL-DWT-00171

E-mail : tl.gandhidham@gmail.com

Test Report

Name & Address of Customer :-

The Principle

Podar International School ,Shinay,
Gandhidham

Customer Reference No. :	-
Sample Submitted by :	sender
Date of Sample Receipt :	08-01-2024
Analysis Starting Date :	09-01-2024
Analysis completion Date :	10-01-2024

Discipline : Chemical Testing, Group: Water

Test Report No :	1113/2023-'24	Date of Issue :	10-01-2024
Sample ID :	ACW-1113/01-'24	Mode of Sample :	Satisfactory
Main Source :	Ground water	Source :	Tube Well
Location :	Tube Well ,In School Building		
Village :	Shinay	Habitation :	---
Taluka :	Gandhidham	District :	Kachchh. Pin Code : 370101
Latitude :	23.037379	Longitude :	70.061299

Kindly find herewith the Analytical Results.

Sample Type : Drinking Water

Sr. No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (23 rd Ed 2017), Method: 2120 C	<1
2	Odour	-	IS 3025 (Part 5) - 2018 (Second Revision)	Agreeable
3	Turbidity	NTU	APHA (23 rd Ed 2017), Method: 2130 B	1.26
4	pH at 25 ^o C	-	APHA (23 rd Ed 2017) Method: 4500 H ⁺ B	7.56
5	Total Dissolved Solids	mg/l	APHA (23 rd Ed 2017) Method: 2540 C	2300
6	Total Alkalinity (as CaCO ₃)	mg/l	APHA (23 rd Ed 2017) Method: 2320 B	340
7	Chloride (as Cl ⁻)	mg/l	APHA (23 rd Ed 2017) Method: 4500-Cl ⁻ B	808
8	Fluoride (as F ⁻)	mg/l	APHA (23 rd Ed 2017) Method: 4500-F ⁻ C	0.29
9	Nitrate (as NO ₃ ⁻)	mg/l	APHA (23 rd Ed 2017) Method: 4500-NO ₃ ⁻ B	31.01
10	Sulphate (as SO ₄ ⁻²)	mg/l	APHA (23 rd Ed 2017) Method: 4500-SO ₄ ⁻² E	186
11	Calcium (as Ca ⁺²)	mg/l	APHA (23 rd Ed 2017) Method: 3500 Ca ⁺² B	101
12	Magnesium (as Mg ⁺²)	mg/l	APHA (23 rd Ed 2017) Method: 3500-Mg ⁺² B	59
13	Total Hardness(as CaCO ₃)	mg/l	APHA (23 rd Ed 2017) Method: 2340 C	496
14	Conductivity	µs/cm	APHA (23 rd Ed 2017) Method: 2510 B	3600

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/2297

Date :-10-01-2024

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



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

તાલુકા પ્રયોગશાળા, અજાર,
ગુ. પા. પુ. અને ગ. વ્ય. બોર્ડ,
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અજાર - કચ્છ
પીન- ૩૭૦૧૧૦



NABL-DWT-00171

E-mail : tl.gandhidham@gmail.com

Test Report

Name & Address of Customer :-
The Principle
Podar International School ,Shinay,
Gandhidham

Customer Reference No. :	-
Sample Submitted by :	sender
Date of Sample Receipt :	08-01-2024
Analysis Starting Date :	09-01-2024
Analysis completion Date :	10-01-2024

Discipline :	Chemical Testing, Group: Water
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Test Report No :	1114/2023-24	Date of Issue :	10-01-2024
Sample ID :	ACW-1114/01-24	Mode of Sample :	Satisfactory
Main Source :	Ground water	Source :	Tube Well
Location :	R/O Water Plant (School Building)		
Village :	Shinay	Habitation :	...
Taluka :	Gandhidham	District :	Kachchh, Pin Code : 370201
Latitude :	23.037379	Longitude :	70.061299

Kindly find herewith the Analytical Results.

Sample Type :	Drinking Water
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Sr. No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (23 rd Ed.2017), Method: 2120 C	<1
2	Odour	-	IS 3025 (Part 5) - 2018 (Second Revision)	Agreeable
3	Turbidity	NTU	APHA (23 rd Ed.2017), Method: 2130 B	0.22
4	pH at 25°C	-	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B	6.60
5	Total Dissolved Solids	mg/l	APHA (23 rd Ed.2017) Method: 2540 C	60
6	Total Alkalinity (as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2320 B	12
7	Chloride (as Cl ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B	20
8	Fluoride (as F ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	0.11
9	Nitrate (as NO ₃ ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	4.43
10	Sulphate (as SO ₄ ⁻²)	mg/l	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	2
11	Calcium (as Ca ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B	2
12	Magnesium (as Mg ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B	1
13	Total Hardness(as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2340 C	8
14	Conductivity	µs/cm	APHA (23 rd Ed.2017) Method: 2510 B	95

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Checked & Issued By :

CHEMIST

Designation of Authorized Signatory

End of the Test Report

"Outward No.: TLAnjar/2298

Date :-10-01-2024

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



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 Principle
Podar International School ,Shinay
Gandhidham

Sender's Ref. No.:

Ref. Date:

Date & Time of Commencing Examination: 08-Jan-24

Sample collected by: **Sender**

BW No.	766	767
Date of Collection	08-Jan-24	08-Jan-24
Date of Arrival at Lab.	08-Jan-24	08-Jan-24
Source of Water Sample	Tube Well ,In School Building	R/O Water Plant (School Building)
Village	Shinay	Shinay
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)
OPINION FOR POTABILITY :	Safe	Safe

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 -

- 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 -
 - E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.
 - Total coliform bacteria shall not be detectable in any 100ml sample.
- 0.2ppm Free Residual Chlorine at consumer end is recommended.

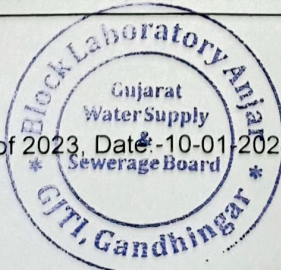
1) Test Report is issued for assessing Bacteriological Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.

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 /2300/ of 2023, Date -10-01-2024



Laboratory In Charge

CHEMIST