



GUJARAT WATER SUPPLY & SEWERAGE BOARD
DISTRICT LABORATORY MODASA
Near Sub Jail, Beside Court Building, G.W.S.S.B. Malpur road, Modasa,
Aravalli, 383315.

DL/7.8/F-01

Test Report

*Name & Address of Customer:-

Dy.Ex.Eng

P.H.S. Sub. Division-Bhiloda

Arvalli

383450

*Customer Reference No.:97

*Sample Submitted by :Sender

*Date of Sample Receipt :07-Mar-2025

Analysis Starting Date :10-Mar-2025

Analysis Completion Date :10-Mar-2025

ULR NO. :

Dicipline:Chemical Testing,Group:Drinking Water

Test Report No.: 552 /2024-25

Date of Issue : 11-Mar-2025

Sample ID : 552

*Customer ID :Mar.17

*Main Source :Ground water

*Source :Tap Water

*Location :E.M.R.S.Shamalji-01

*Village :Shamalpur

*Habitation :Shamalpur

*Taluka :Modasa

*District :Arvalli

*Latitude :23.690843

*Longitude :73.350296

Kindly find herewith the Analytical Results.

Sample Type : Drinking Water

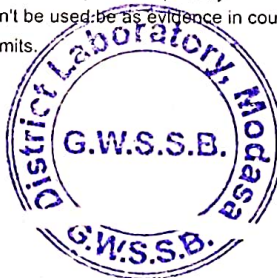
Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (24th Ed.2023), Method: 2120 C	<3
2	Odour	-	IS : 3025 (Part 5) - 2018	Agreeable
3	Taste	-	IS : 3025 (Part 8) - 1984	Agreeable
4	Turbidity	NTU	APHA (24th Ed.2023), Method: 2130 B	0.64
5	pH at 25°C	-	APHA (24th Ed.2023) Method: 4500 H ⁺ B	-
6	Conductivity at 25°C	μS/cm	APHA (24th Ed.2023) Method: 2510 B	1286
7	Total Dissolved Solids(180°C)	mg/L	APHA (24th Ed.2023) Method: 2540 C	820
8	Total Hardness(as CaCO ₃)	mg/L	APHA (24th Ed.2023) Method: 2340 C	460
9	Calcium (as Ca ²⁺)	mg/L	APHA (24th Ed.2023) Method: 3500 Ca ²⁺ B	186
10	Magnessium (as Mg ²⁺)	mg/L	APHA (24th Ed.2023) Method: 3500-Mg ²⁺ B	55
11	Chloride (as Cl ⁻)	mg/L	APHA (24th Ed.2023) Method: 4500-Cl ⁻ B	120
12	Sulphate (as SO ₄ ²⁻)	mg/L	APHA (24th Ed.2023) Method: 4500-SO ₄ ²⁻ E	60
13	Nitrate (as NO ₃ ⁻)	mg/L	APHA (24th Ed.2023) Method: 4500-NO ₃ ⁻ B	31.68
14	Fluoride (as F ⁻)	mg/L	APHA (24th Ed.2023) Method: 4500-F ⁻ C	-
15	Total Alkalinity(as CaCO ₃)	mg/L	APHA (24th Ed.2023) Method: 2320 B	400

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 as evidence in court of law.
4. Please refer back page for IS 10500:2012 (2nd Revision) limits.
5. Details marked by * is provided by customer

Checked by :

K. Nayi
Kalpeshkumar Nayi
(Analyst)



Issued By:

K. M. Pranam
Komal Pranam
(Quality Manager)
Authorized Signatory

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

O.W.No. DL/MOD/ 15 /of 2025, Dt. 12 / 03 / 2025.

Near Sub Jail, Beside Court Building, G.W.S.S.B. Malpur road, Modasa, Aravalli, 383315.

E-mail: modasalab@gmail.com

IS-10500:2012 (2nd Revision)

Sr. No.	Parameter	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1	Colour, Hazen units, Max	5	15
2	Turbidity, NTU, Max	1	5
3	pH value	6.5 to 8.5	No relaxation
4	Conductivity at 25°C	-	-
5	Total Dissolved Solids, mg/l, Max	500	2000
6	Total Hardness (as CaCO ₃), mg/l, Max	200	600
7	Calcium (as Ca), mg/l, Max	75	200
8	Magnesium (as Mg), mg/l, Max	30	100
9	Chloride (as Cl), mg/l, Max	250	1000
10	Sulphate (as SO ₄), mg/l, Max	200	400
11	Nitrate (as NO ₃), mg/l, Max	45	No relaxation
12	Fluoride (as F), mg/l, Max	1	1.5
13	Total Alkalinity (as CaCO ₃), mg/l, Max	200	600
14	Bacteriological (H ₂ S test)	Bacteriological (H ₂ S test)	
15	E. coli	MFT Technology	
16	Total coliform	MFT Technology	