



District Laboratory ,
2nd floor. Jalbhavan,
GWSB BOARD
Opp. LIC office,
Chakaliya road,
Dahod- 389151



E mail

dahodlab@gmail.com

જીલ્લા પ્રયોગશાળા,
જલભવન, બીજો માળ,
ગુ.પા.પ.અને.ગ.વ્ય. બોર્ડ
એલ.આઈ.સી ચોકડિસ સામે,
ચાકલીયા રોડ,
દાહોદ,ગુજરાત,ભારત-૩૮૯૧૫૧



TC-9463

Phone: (02673 - 246235)

ફોન નંબર - ૦૨૬૭૩-૨૪૬૨૩૫

Test Report

Name & Address of Customer*:-

Pareshkumar L.Prajapati
Principal
EMRS Garbada,
District-Dahod
--

Customer Reference No :-

O.LetterNo.EMRSGarbada/2024-25/584/1/2

Sample Submitted By:-

Customer

Date of Sample Collection* : 17.02.2025

Date of Sample Receipt : 17.02.2025

Analysis Starting Date: 18.02.2025

Analysis completion Date: 18.02.2025

ULR No: TC946325000000149F

Test Report No	620/2025	Discipline:Chemical testing	Group:Water
Sample ID:	DCW-620/02-25	Date of Issue:	19.02.2025
Customer ID*:	--	Condition of Sample:	Satisfactory
Main Source*:	Ground Water	Source* :	Bore
Location*:	Outside Campas		
Village*:	Gangarda	Habitation* :	Gangarda
Taluka*:	Garbada	District* :	Dahod
Latitude*:	--	Longitude* :	--

Kindly find herewith the Analytical Results.

Sample Type: Drinking Water

Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (23rd Ed.2017), Method: 2130 B	<5
2	Odour	Qualitative	IS 3025 (Part 5)-2018 (Second revision)	Agreeable
3	Taste	Qualitative	IS 3025 (Part 8)-2023 Method	Agreeable
4	Turbidity	NTU	APHA (23 rd Ed.2017), Method: 2130 B	BDL
5	pH at 25 ^o C	-	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B	7.93
6	Conductivity at 25 ^o C	μS/cm	APHA (23 rd Ed.2017) Method: 2510 B	395
7	Total Dissolved Solids	Mg/L	APHA (23 rd Ed.2017) Method: 2540 C	220
8	Total Hardness (as CaCO ₃)	Mg/L	APHA (23 rd Ed.2017) Method: 2340 C	160
9	Calcium (as Ca ⁺²)	Mg/L	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B	42
10	Magnesium (as Mg ⁺²)	Mg/L	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B	13
11	Chloride (as Cl ⁻)	Mg/L	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B	24
12	Sulphate (as SO ₄ ⁻²)	Mg/L	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	12.84
13	Nitrate (as NO ₃ ⁻)	Mg/L	APHA (23 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	1.26
14	Fluoride (as F ⁻)	Mg/L	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	0.17
15	Total Alkalinity (as CaCO ₃)	Mg/L	APHA (23 rd Ed.2017) Method: 2320 B	160

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 disposed 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.
5. Abbreviation; B.D.L=Below Detection Limit, A.D.L. =Above Detction Limit
6. Disclaimer: Information marked by " * " is provided by the customer.

Checked & Issued By:

(Rakesh T. Verma)

Quality Manager

Authorized Signatory

O.W.No DLDahod/552 /of 2025 Dt.04/03/2025

End of the Test Report

IS-10500:2012 (2nd 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	Qualitative	Agreeable	Agreeable
3	Taste	Qualitative	Agreeable	Agreeable
4	Turbidity	NTU	1	5
5	pH at 25 ⁰ C	-	6.5 to 8.5	No relaxation
6	Conductivity at 25 ⁰ C	µS/cm	-	-
7	Total Dissolved Solids	Mg/L	500	2000
8	Total Hardness (as	Mg/L	200	600
9	Calcium (as Ca)	Mg/L	75	200
10	Magnesium (as Mg)	Mg/L	30	100
11	Chloride (as Cl)	Mg/L	250	1000
12	Sulphate (as SO ₄)	Mg/L	200	400
13	Nitrate (as NO ₃)	Mg/L	45	No relaxation
14	Fluoride (as F)	Mg/L	1	1.5
15	Total Alkalinity (as CaCO ₃)	Mg/L	200	600

Annexure C

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 0552

Dated: 04/13/02/25

It is certified that an inspection team headed by Rakesh T. Verma
(Name of Officers with designation) from Quality Manager PHED

inspected the EMRS Garbada, Dahod

(Name & Address of the school) on 17/02/2025 (date of inspection) and on the basis of

Water Test Report (Attached) bearing no. 620/2025 dated 19/02/2025

of District Laboratory MuzssB Dahod (PHED Lab) certified that the
EMRS Garbada (Name of school) has safe drinking water
facilities for the students and members of staff of the institution. School is also maintains the
hygienic sanitation condition in the school building & the campus as per norms prescribed by the
Central/State/U.T. Govt.

This certificate is valid till Six months.

Signature with Seal: 

Name: K. B. Rane

Designation: Executive Engineer

Name & Address of the Office / Department:

Executive Engineer
P. H. Works Division
DAHOD

To

Principal

EMRS Garbada

(Name & Address of the Institution)

Note: The certificate is to be issued by authorized officer/ PHED Lab/local bodies