



TALUKA LABORATORY,
G.W.S. & S. BOARD,
UNA
" Jalbhavan ",
Tulsi Shyan Road
Opp. Rokadiya Hanuma Temple,
Una -362560, Dist -Gir Somnath
Ph -02875-221570



તાલુકા પ્રયોગશાળા ઉના
ગુ. પા. પુ અને ગ.વ.સ. બોર્ડ
"જલ ભવન" તુલશીશ્યામ રોડ,
રોકડીયા હનુમાન મંદિર સામે
ઉના-૩૬૨૫૬૦
ફોન નં ૦૨૮૭૫-૨૨૧૫૭૦

e-mail:- unalab555@gmail.com

Test Report

Name & Address of Customer:-

Somnath International School
Near Bypass, Veraval Highway Road
Kodinar
Ta-Kodinar
Dist-Gir Somnath

Customer Reference No.:

Sample Submitted by :

Date of Sample Receipt :

Analysis Starting Date :

Analysis Completion Date :

ULR No.

Sender

21-Feb-24

21-Feb-24

22-Feb-24

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Test Report No.:		1061/2023-24	Discipline : Chemical Testing		Group : Water
Sample ID :		TUCW-1061/02-24	Date of Issue :		23/02/2024
Main Source :		Ground water	Mode of Sample:		--
Location :		R.O.Water In Farm Area	Source :		R.O.Water
Village :		Gohil Ni Khan	Habitation :		Gohil Ni Khan
Taluka :		Kodinar	District :		Gir-Somnath
Latitude :		20.821899	Longitude :		70.68525
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		2.08
2	Odour	-	IS 3025 (Part-5) - 2018 (Second Revision)		Agreeable
3	Taste	-	IS 3025 (Part-8) - 1984 (RA 2017)		Agreeable
4	Turbidity	NTU	APHA (23 rd Ed.2017), Method: 2130 B		0.10
5	pH at 25 ^o C	-	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B		7.34
6	Total Dissolved Solids	mg/l	APHA (23 rd Ed.2017) Method: 2540 C		358
7	Total Hardness (as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2340 C		208
8	Calcium (as Ca ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B		42
9	Magnesium (as Mg ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B		25
10	Chloride (as Cl ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B		40
11	Sulphate (as SO ₄ ⁻²)	mg/l	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E		34
13	Fluoride (as F ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C		0.18
14	Total Alkalinity (as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2320 B		232

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.
4. Please refer back page for IS 10500:2012 (2nd Revision) limits.
5. Abbreviations:- B.D.L. = Below Detection Limit, U.D.L. = Upper Detection Limit.

Note-NABL Reconnized Laboratory

Certificate No:NABL - DWT-00152

Issue Date : 09-02-2022 To 08-02-2025

Issued By:

Kevin Barad
(Kevin Barad)

Chemist.

Authorised Signatory

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

O.W.No. TLU/C. Report/ 30 /of 2024, Dt. 23 / 02 /2024.

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	-	Agreeable	Agreeable
3	Taste	-	Agreeable	Agreeable
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 Hardness (as CaCO ₃)	mg/l	200	600
8	Calcium (as Ca)	mg/l	75	200
9	Magnesium (as Mg)	mg/l	30	100
10	Chloride (as Cl)	mg/l	250	1000
11	Sulphate (as SO ₄)	mg/l	200	400
12	Nitrate (as NO ₃)	mg/l	45	No relaxation
13	Fluoride (as F)	mg/l	1	1.5
14	Total Alkalinity (as CaCO ₃)	mg/l	200	600