

Copy of the Water Examination Report (for Tap Water)

QF NO. :- TL/ 7.8/ F-01

	તાલુકા પ્રયોગશાળા નાયબ કાર્યપાલક ઇજનેરશ્રી ની કચેરી જાહેર આરોગ્ય સુધારકારી પેટા વિભાગ લક્ષ્મીપુરા હેડવર્ક્સ સાઇટ, કડી-આદુદરા રોડ, કડી-૩૮૨૭૧૫ E-mail : tlab.kadi@gmail.com	Taluka Laboratory O/o The Dy. Ex. Engineer, Public Health Sanitary Sub Division, Laxmipura Headworks Site, Kadi-Adundara Road, KADI-382715	 GUJARAT JALVEYA TRAINING INSTITUTE GWSSB LABORATORIES
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Test Report

Name & Address of Customer:-

The Principal
Shree Rajeshkumar Kantilal Patel Sanskar English Medium School,
Meghna Chhatralay, Kadi-Kalyanpura Road, Nani Kadi
Pvt.
Kadi
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Customer Reference No.:, 09/Jun/2023

Sample Submitted by : Sender

Date of Sample Receipt : 09-Jun-2023

Analysis Starting Date : 12-Jun-2023

Analysis Completion Date : 12-Jun-2023

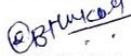
Dicipline : Chemical Testing, Group : Water

Test Report No. :	311 / 2023-2024.	Date of Issue :	13-Jun-2023			
Sample ID :	TCW-311 / 06-2023	Mode of Sample :	Satisfactory			
Main Source :	Ground Water	Source :	Tube Well			
Location :	TW, Shree Rajeshkumar Kantilal Patel Sanskar English Medium School, 10'Ø x 700 Ft.					
Village :	Nani Kadi	Habitation :	Nani Kadi			
Taluka :	Kadi	District :	Mehsana			
Latitude :	23.286490	Longitude :	72.329689			
Kindly find herewith the Analytical Results.		Sample Type :	Drinking Water			
Sr. No.	Parameter	Unit	IS-10500:2012 (2nd Revision)		Reference Method :	Analytical Value
			Requirement (Acceptable Limit) Max.	Permissible Limit in the Absence of Alternate Source Max.		
1	Colour	Hazen	5	15	APHA (23 rd Ed.2017), Method: 2120 B	1.00
2	Odour	-	Agreeable	Agreeable	IS 3025 (Part 5) - 2018 (Second Revision)	Agreeable
3	Taste	-	Agreeable	Agreeable	IS 3025 (Part 8) -1984 (Reaffirmed 2017)	Agreeable
4	Turbidity	NTU	1	5	APHA (23 rd Ed.2017), Method: 2130 B	0.98
5	pH at 25°C	-	6.5 to 8.5	No relaxation	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B	7.62
6	Total Dissolved Solids	mg/L	500	2000	APHA (23 rd Ed.2017) Method: 2540 C	1107
7	Total Hardness (as CaCO ₃)	mg/L	200	600	APHA (23 rd Ed.2017) Method: 2340 C	164
8	Calcium (as Ca ⁺²)	mg/L	75	200	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B	35
9	Magnessium (as Mg ⁺²)	mg/L	30	100	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B	18
10	Chloride (as Cl ⁻)	mg/L	250	1000	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B	372
11	Sulphate (as SO ₄ ⁻²)	mg/L	200	400	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	86
12	Nitrate (as NO ₃ ⁻)	mg/L	45	No relaxation	APHA (23 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	41.97
13	Fluoride (as F ⁻)	mg/L	1	1.5	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	1.30
14	Total Alkalinity (as CaCO ₃)	mg/L	200	600	APHA (23 rd Ed.2017) Method: 2320 B	206

3 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.

Checked By :


Ranjit B. Thakor
Microbiologist

MICROBIOLOGIST



Issued By:


Chintan D. Patel
Authorized Signatory
Chemist

CHEMIST

* Note:- NABL Recognized laboratory certificate No:- NABL- DWT-00178 , Valid Up To 24-02-2025

O.W.No.:- TLKADI / 121 / 01 / of 2023, Date:- 13 / 06 / 2023

Laxmipura Headworks Site, Kadi-Adundara Road, Kadi-382715

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



Principal

Shree Rajeshkumar Kantilal Patel
Sanskar English Medium School, Kadi.



PRESIDENT

SWAMI VIVEKANAND EDUCATION TRUST
NANI KADI, TA-KADI, DIST-MAHESANA

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Customer Reference No.:, 09/Jun/2023

Sample Submitted by : Sender

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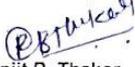
Dicipline : Chemical Testing, Group : Water

Test Report No. :	312 / 2023-2024.	Date of Issue :	13-Jun-2023			
Sample ID :	TCW-312 / 06-2023	Mode of Sample :	Satisfactory			
Main Source :	Ground Water	Source :	Tube Well			
Location :	Filter Water, Shree Rajeshkumar Kantilal Patel Sanskar English Medium School, 10'Ø x 700 Ft.					
Village :	Nani Kadi	Habitation :	Nani Kadi			
Taluka :	Kadi	District :	Mehsana			
Latitude :	23.286490	Longitude :	72.329689			
Kindly find herewith the Analytical Results.						
Sr. No.	Parameter	Unit	IS-10500:2012 (2nd Revision) Requirement	Permissible Limit	Reference Method :	Analytical Value
1	Colour	Hazen	5	15	APHA (23rd Ed.2017), Method: 2120 B	1.00
2	Odour	-	Agreeable	Agreeable	IS 3025 (Part 5) - 2018 (Second Revision)	Agreeable
3	Taste	-	Agreeable	Agreeable	IS 3025 (Part 8) -1984 (Reaffirmed 2017)	Agreeable
4	Turbidity	NTU	1	5	APHA (23rd Ed.2017), Method: 2130 B	0.61
5	pH at 25°C	-	6.5 to 8.5	No relaxation	APHA (23rd Ed.2017) Method: 4500 H+ B	7.72
6	Total Dissolved Solids	mg/L	500	2000	APHA (23rd Ed.2017) Method: 2540 C	412
7	Total Hardness (as CaCO ₃)	mg/L	200	600	APHA (23rd Ed.2017) Method: 2340 C	128
8	Calcium (as Ca ⁺²)	mg/L	75	200	APHA (23rd Ed.2017) Method: 3500 Ca+2 B	27
9	Magnessium (as Mg ⁺²)	mg/L	30	100	APHA (23rd Ed.2017) Method: 3500-Mg+2 B	15
10	Chloride (as Cl ⁻)	mg/L	250	1000	APHA (23rd Ed.2017) Method: 4500-Cl - B	128
11	Sulphate (as SO ₄ ⁻²)	mg/L	200	400	APHA (23rd Ed.2017) Method: 4500-SO4-2 E	20
12	Nitrate (as NO ₃ ⁻)	mg/L	45	No relaxation	APHA (23rd Ed.2017) Method: 4500-NO3- B	18.47
13	Fluoride (as F ⁻)	mg/L	1	1.5	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	0.77
14	Total Alkalinity (as CaCO ₃)	mg/L	200	600	APHA (23rd Ed.2017) Method: 2320 B	166

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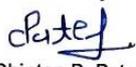
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