



તાલુકા પ્રયોગશાળા

નાયબ કાર્યપાલક ઇજનેરશ્રી ની કચેરી
જાહેર આરોગ્ય સુખાકાશી પેટા વિભાગ
લક્ષ્મીપુરા હેડવર્ક્સ સાઇટ,
કડી-આદુન્દરા રોડ, કડી-382715

E-mail : tlak.kadi@gmail.com

Taluka Laboratory

O/o The Dy. Ex. Engineer,
Public Health Sanitary Sub Division,
Laxmipura Headworks Site,
Kadi-Adundara Road, KADI-382715

GWSSB
LABORATORIES

Test Report

Name & Address of Customer:-

The Principal, Bhavkunj School

S.V.Campus, Behind Railway Station, Kadi

Pvt.

Kadi

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Customer Reference No.:, 12/Sep/2024

Sample Submitted by : Sender

Date of Sample Receipt : 12-Sep-2024

Analysis Starting Date : 13-Sep-2024

Analysis Completion Date : 13-Sep-2024

Discipline : Chemical Testing, Group : Water

Test Report No. :	283 / 2024-2025.	Date of Issue :	13-Sep-2024			
Sample ID :	TCW-283 / 09-2024	Mode of Sample :	Satisfactory			
Main Source :	Ground Water	Source :	Tube Well			
Location :	R.O Plant, Bhavkunj School, 10"Ø x 750 Ft.					
Village :	Kadi	Habitation :	Kadi			
Taluka :	Kadi	District :	Mehsana			
Latitude :	23.289244	Longitude :	72.326542			
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 (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	0.51
5	pH at 25°C	-	6.5 to 8.5	No relaxation	APHA (23rd Ed.2017) Method: 4500 H+ B	8.06
6	Total Dissolved Solids	mg/L	500	2000	APHA (23rd Ed.2017) Method: 2540 C	46
7	Total Hardness (as CaCO3)	mg/L	200	600	APHA (23rd Ed.2017) Method: 2340 C	12
8	Calcium (as Ca+2)	mg/L	75	200	APHA (23rd Ed.2017) Method: 3500 Ca+2 B	< 5
9	Magnesium (as Mg+2)	mg/L	30	100	APHA (23rd Ed.2017) Method: 3500-Mg+2 B	< 5
10	Chloride (as Cl-)	mg/L	250	1000	APHA (23rd Ed.2017) Method: 4500-Cl – B	16
11	Sulphate (as SO4-2)	mg/L	200	400	APHA (23rd Ed.2017) Method: 4500-SO4-2 E	< 2
12	Nitrate (as NO3-)	mg/L	45	No relaxation	APHA (23rd Ed.2017) Method: 4500-NO3- B	< 1
13	Fluoride (as F-)	mg/L	1	1.5	APHA (23rd Ed.2017) Method: 4500-F – C	< 0.1
14	Total Alkalinity (as CaCO3)	mg/L	200	600	APHA (23rd Ed.2017) Method: 2320 B	12

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 :

Chintan D. Patel
Analyst

Issued By :

Chintan D. Patel
Authorized Signatory
Analyst* Note:- NABL Recognized laboratory certificate No:- NABL- DWT- 00178 , Valid Up To 24-02-2025

O.W.No.:- TLKADI / 219/01 /of 2024, Date.:- 13 / 09 / 2024

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

----- 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	-	-	-
3	Taste	-	-	-
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	1.00	1.50
14	Total Alkalinity (as CaCO ₃)	mg/L	200	600