

 District Laboratory , G.W.S. & S. Board, 1st Floor, Plot No-225, 'AIP' House, Opp. Charotar Nagrik Bank, Netaji Subhash Road, Anand-388001 Phone: (02692 - 266504)	 ગુજરાત પાણી પુરવઠા અને કાચીરોડી બોર્ડ ૧મું માળ, પ્લોટ નં-૨૨૫ 'એ.આઈ.પી.' હાઉસ ચરોતર નાગરીક બેંક સામે નેતાજી સુભાષ રોડ, આણંદ-૩૮૮૦૦૧ ઈમેલ: distlabanand@gmail.com ફોન નંબર - ૦૨૬૯૨-૨૬૬૫૦૪	 ગુજરાત રાજ્ય પાણી પુરવઠા અને કાચીરોડી પ્રયોગશાળા ઈ.પી. અને ગ.વ.સ. બોર્ડ, પહેલો માળ, પ્લોટ નં-૨૨૫ 'એ.આઈ.પી.' હાઉસ ચરોતર નાગરીક બેંક સામે નેતાજી સુભાષ રોડ, આણંદ-૩૮૮૦૦૧ ટી.સી. - ૧૦૦૧૬
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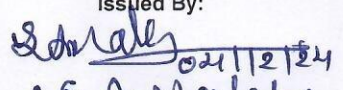
Test Report

Name & Address of Customer *:-		Customer Reference No.*: 0	
The Principal Kendriya Vidhyalaya ONGC, CAMBAY At. Kansari Ta. Khambhat Dist. Anand		Sample Submitted by: Customer Date of Sample Receipt: 02.12.2024 Date of Sample Collection*: 02.12.2024 Analysis Starting Date: 03.12.2024 Analysis Completion Date: 03.12.2024 ULR No: TC10016240000946F	
Test Report No: 739/2024-25	Discipline : Chemical testing	Group: Water	
Sample ID : ACW-739/12/24	Date of Issue:	04.12.2024	
Customer ID *:-	Mode of Sample:	Satisfactory	
Main Source *:- Ground Water	Source *:-	Tube Well	
Location *:- In School Compound			
Village *:- Kansari	Habitation *:-		Kansari
Taluka *:- Khambhat	District *:-		Anand
Latitude *:- 22.328881	Longitude *:-		22.328881

Kindly find herewith the Analytical Results.			Sample Type: Drinking Water	
Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA 24 th Edition-2120-Colour Method B (Platinum Cobalt Visual Comparison)	1
2	Odour	-	IS 3025 (Part 5)	Agreeable
3	Taste	-	IS 3025 (Part 8)	Agreeable
4	Turbidity	NTU	APHA 24 th Edition-2130 B (Nephelometric Method)	1.03
5	pH at 25°C	-	APHA 24 th Edition-4500-H+Method B (Electrometric Method)	7.73
6	Conductivity at 25°C	μS/cm	APHA 24 th Edition-2510 Method B (Laboratory Method)	3509
7	Total Dissolved Solids	mg/L	APHA 24 th Edition-2540-TDS-Method C (Dried at 180 Degree Celsius)	2246
8	Total Hardness (as CaCO ₃)	mg/L	APHA 24 th Edition-2340-Hardness Method C (EDTA Titric Method)	472
9	Calcium (as Ca ⁺²)	mg/L	APHA 24 th Edition-3500-Ca Method B (EDTA Titrimetric Method)	59
10	Magnesium (as Mg ⁺²)	mg/L	APHA 24 th Edition-3500-Mg Method B (By Calculation)	79
11	Chloride (as Cl ⁻)	mg/L	APHA 24 th Edition-4500-Cl Method B (Argentometric Method)	952
12	Sulphate (as SO ₄ ⁻²)	mg/L	APHA 24 th Edition-4500-SO ₄ -Method E (Turbidimetric Method)	95.42
13	Nitrate (as NO ₃ ⁻)	mg/L	APHA 24 th Edition-4500-NO ₃ -Method B (UV Spectrophotometric Screening Method)	44.65
14	Fluoride (as F ⁻)	mg/L	APHA 24 th Edition-4500-F-Method C (Ion Selective Electrode Method)	0.28
15	Total Alkalinity (as CaCO ₃)	mg/L	APHA 24 th Edition-2320 Alkalinity Method B (Titration Method)	420

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) Limit.
5. Abbreviations : B.D.L.=Below Detection Limit, U.D.L.=Upper Detection Limit
6. Disclaimer : Information marked by "*" is provided by the customer.

Issued By:

 (S. A. Maleki)
Quality Manager
 Name & Designation of
 Authorized Signatory

O.W.No. DL Anand / 513 / of 2024, Dt. 04 / 12 / 2024.

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



**District Laboratory ,
G.W.S. & S. Board,**
1st Floor, Plot No-225, 'AIP' House,
Opp. Charotar Nagrik Bank,
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Phone: (02692 - 266504)



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જીલ્લા પ્રયોગશાળા,
ગુ. પા. પુ. અને ગ. વ્ય. બોર્ડ,
પહેલો માળ, પ્લોટ નં-૨૨૫ 'એ.આઈ.પી' હાઉસ
ચરોતર નાગરીક બેંક સામે
નેતાજી સુભાષ રોડ,
આણંદ-૩૮૮૦૦૧
ફોન નંબર - ૦૨૬૯૨-૨૬૬૫૦૪



Test Report

Name & Address of Customer *:-

The Principal
Kendriya Vidhyalaya
ONGC, CAMBAY
At. Kansari
Ta. Khambhat
Dist. Anand

Customer Reference No.*: 0

Sample Submitted by: Customer
Date of Sample Receipt: 02.12.2024
Date of Sample Collection*: 02.12.2024
Analysis Starting Date: 03.12.2024
Analysis Completion Date: 03.12.2024
ULR No: TC100162400000947F

Test Report No:	740/2024-25	Discipline : Chemical testing	Group: Water
Sample ID :	ACW-740/12/24	Date of Issue:	04.12.2024
Customer ID *:	--	Mode of Sample:	Satisfactory
Main Source *:	Ground Water	Source *:	Treated Water of R.O.Filter
Location *:	In School Compound		
Village *:	Kansari	Habitation *:	Kansari
Taluka *:	Khambhat	District *:	Anand
Latitude *:	22.328881	Longitude *:	72.328881

Kindly find herewith the Analytical Results.

Sample Type: Drinking Water

Sr.No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA 24 th Edition-2120-Colour Method B (Platinum Cobalt Visual Comparison)	1
2	Odour	-	IS 3025 (Part 5)	Agreeable
3	Taste	-	IS 3025 (Part 8)	Agreeable
4	Turbidity	NTU	APHA 24 th Edition-2130 B (Nephelometric Method)	BDL
5	pH at 25°C	-	APHA 24 th Edition-4500-H+Method B (Electrometric Method)	8.07
6	Conductivity at 25°C	µS/cm	APHA 24 th Edition-2510 Method B (Laboratory Method)	181
7	Total Dissolved Solids	mg/L	APHA 24 th Edition-2540-TDS-Method C (Dried at 180 Degree Celsius)	116
8	Total Hardness (as CaCO ₃)	mg/L	APHA 24 th Edition-2340-Hardness Method C (EDTA Titric Method)	32
9	Calcium (as Ca ⁺²)	mg/L	APHA 24 th Edition-3500-Ca Method B (EDTA Titrimetric Method)	5
10	Magnesium (as Mg ⁺²)	mg/L	APHA 24 th Edition-3500-Mg Method B (By Calculation)	5
11	Chloride (as Cl ⁻)	mg/L	APHA 24 th Edition-4500-Cl Method B (Argentometric Method)	28
12	Sulphate (as SO ₄ ⁻²)	mg/L	APHA 24 th Edition-4500-SO ₄ -Method E (Turbidimetric Method)	4.54
13	Nitrate (as NO ₃ ⁻)	mg/L	APHA 24 th Edition-4500-NO ₃ -Method B (UV Spectrophotometric Screening Method)	7.68
14	Fluoride (as F ⁻)	mg/L	APHA 24 th Edition-4500-F-Method C (Ion Selective Electrode Method)	BDL
15	Total Alkalinity (as CaCO ₃)	mg/L	APHA 24 th Edition-2320 Alkalinity Method B (Titration Method)	16

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4. Please refer back page for IS 10500 : 2012 (2nd Revision) Limit.
5. Abbreviations : B.D.L.=Below Detection Limit, U.D.L. =Upper Detection Limit
6. Disclaimer : Information marked by "*" is provided by the customer.

Issued By:

S. A. Mallick
02/12/24
(S. A. Mallick)
Quality Manager
Name & Designation of
Authorized Signatory

O.W.No. DL Anand / 513 / of 2024, Dt. 04 / 12 / 2024.

----- 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	Range of Activity/Limit of detection
			Max.	Max.	
1	Odour	-	Agreeable	Agreeable	Qualitative
2	Taste	-	Agreeable	Agreeable	Qualitative
3	Colour	Hazen	5	15	1 Hazen unit to 100 Hazen unit
4	Turbidity	NTU	1	5	0.5 NTU to 100 NTU
5	pH at 25°C	-	6.5 to 8.5	No relaxation	2.0 to 12.0
6	Conductivity at 25°C	µS/cm	-	-	2.0 to 20000 µS/cm
7	Total Dissolved Solids	mg/L	500	2000	5 mg/L to 10000 mg/L
8	Total Hardness (as CaCO ₃)	mg/L	200	600	5 mg/L to 5000 mg/L
9	Calcium (as Ca)	mg/L	75	200	5 mg/L to 2000 mg/L
10	Magnesium (as Mg)	mg/L	30	100	5 mg/L to 1000 mg/L
11	Chloride (as Cl)	mg/L	250	1000	5 mg/L to 5000 mg/L
12	Sulphate (as SO ₄)	mg/L	200	400	1 mg/L to 600 mg/L
13	Nitrate (as NO ₃)	mg/L	45	No relaxation	1.0 mg/L to 100 mg/L
14	Fluoride (as F)	mg/L	1	1.5	0.1 mg/L to 50 mg/L
15	Total Alkalinity (as CaCO ₃)	mg/L	200	600	5 mg/L to 2000 mg/L

Quality Manager