



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)



e-mail: distlabanand@gmail.com

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



TC-10016

Test Report

Name & Address of Customer:-

Shree Swaminarayan Gurukul
Vadtal-Bakrol Road
At. Bakrol
Ta. Anand
Dist. Anand

Customer Reference No.: SGIS/Admin/2024-25/622

Sample Submitted by: Customer
Date of Sample Receipt: 05.04.24
Analysis Starting Date: 06.04.24
Analysis completion Date: 06.04.24
ULR No: TC100162400000228F

	Discipline : Chemical testing	Group: Water
Test Report No: 21/2024-25	Date of Issue:	07.04.24
Sample ID: ACW-21/04/24	Mode of Sample:	Satisfactory
Main Source: Ground Water	Source:	Treated Water of R.O. Filter
Location:	Shree Swaminarayan Gurukul International School	
Village:	Bakrol	Habitation: Bakrol
Taluka:	Anand	District: Anand
Latitude:	--	Longitude: --

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)	0.50
5	pH at 25°C	-	APHA 24 th Edition-4500-H+Method B (Electrometric Method)	7.80
6	Conductivity at 25°C	μS/cm	APHA 24 th Edition-2510 Method B (Laboratory Method)	131
7	Total Dissolved Solids	mg/L	APHA 24 th Edition-2540-TDS-Method C (Dried at 180 Degree Celsius)	84
8	Total Hardness (as CaCO ₃)	mg/L	APHA 24 th Edition-2340-Hardness Method C (EDTA Titrimetric Method)	40
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)	7
11	Chloride (as Cl ⁻)	mg/L	APHA 24 th Edition-4500-Cl Method B (Argentometric Method)	16
12	Sulphate (as SO ₄ ⁻²)	mg/L	APHA 24 th Edition-4500-SO ₄ -Method E (Turbidimetric Method)	3.26
13	Nitrate (as NO ₃ ⁻)	mg/L	APHA 24 th Edition-4500-NO ₃ -Method B (UV Spectrophotometric Screening Method)	2.83
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)	36

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. Abbreviations : B.D.L.=Below Detection Limit, U.D.L. =Upper Detection Limit

Issued By:

S. A. Mehta
(S.A. Mehta)
Quality Manager

Name & Designation of
Authorized Signatory

O.W.No. DL Anand / 1078 / of 2024, Dt. 08 / 04 / 2024.

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



DISTRICT LABORATORY
1st Floor, Plot No-225, 'AIP' House,
Opp. Charotar Nagrik Bank, Netaji Subhash Road,
ANAND
Phon No. (02692) 266504



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address
Shree Swaminarayan Gurukul
Vadtal-Bakrol Road
At. Bakrol

Sender's Ref. No. : SGIS/Admin/2024-25/622
Ref. Date : 05.04.24
Date & Time of Commencing Examination : 05.04.24
Sample collected by : Sender

BW No.	ABW-11
Date of Collection	05.04.24
Date of Arrival at Lab.	05.04.24
Source of Water Sample	Treated Water of R.O.Filter, Shree Swaminarayan Gurukul International School
Village	Bakrol
Habitation	Bakrol
Taluka	Anand
District	Anand
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	A
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 37° C
MPN of coliform per 100 ml of sample at 37° C	<2
MPN of Faecal coliform per 100 ml of sample at 44° C	<2
Free Chlorine (PPM)	Nil
OPINION FOR POTABILITY :	FIT

Important Note:-

1) '>=' Indicates greater than or equal to, 2) '<' Indicates less than

NOTE : Table - 6 Bacteriological Quality of Drinking Water (BIS:10500:2012) : Second Revision.

@ All Water Intended for Drinking -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

@ Treated Water Entering the Distribution system & Treated Water in the Distribution system -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

(b) Total coliform bacteria shall not be detectable in any 100ml sample.

@ 0.2ppm Free Residual Chlorine at consumer end is recommended.

1) Test Report is issued for assessing Bacteriological Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.

2) This Report should not be taken as a basis to getting license from any Government authority.

3) After Collection of Bact. Sample, it must be preserved at 4°C and submitted to laboratory within 24hrs.

Outward No.: BRD/ 1078 / of 2024, Date: 08 / 04 / 2024


Microbiologist



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)



e-mail: distlabanand@gmail.com

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



TC-10016

Test Report

Name & Address of Customer:-

Shree Swaminarayan Gurukul
Vadtal-Bakrol Road
At. Bakrol
Ta. Anand
Dist. Anand

Customer Reference No.: SGIS/Admin/2024-25/622

Sample Submitted by: Customer
Date of Sample Receipt: 05.04.24
Analysis Starting Date: 06.04.24
Analysis completion Date: 06.04.24
ULR No.: TC100162400000227F

	Discipline : Chemical testing	Group: Water
Test Report No: 20/2024-25	Date of Issue:	07.04.24
Sample ID: ACW-20/04/24	Mode of Sample:	Satisfactory
Main Source: Ground Water	Source:	Tube Well
Location:	Near Shree Swaminarayan Gurukul International School	
Village: Bakrol	Habitation:	Bakrol
Taluka: Anand	District:	Anand
Latitude: --	Longitude:	--

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)	0.54
5	pH at 25°C	-	APHA 24 th Edition-4500-H+Method B (Electrometric Method)	7.85
6	Conductivity at 25°C	μS/cm	APHA 24 th Edition-2510 Method B (Laboratory Method)	948
7	Total Dissolved Solids	mg/L	APHA 24 th Edition-2540-TDS-Method C (Dried at 180 Degree Celsius)	616
8	Total Hardness (as CaCO ₃)	mg/L	APHA 24 th Edition-2340-Hardness Method C (EDTA Titric Method)	364
9	Calcium (as Ca ⁺²)	mg/L	APHA 24 th Edition-3500-Ca Method B (EDTA Titrimetric Method)	40
10	Magnesium (as Mg ⁺²)	mg/L	APHA 24 th Edition-3500-Mg Method B (By Calculation)	64
11	Chloride (as Cl ⁻)	mg/L	APHA 24 th Edition-4500-Cl Method B (Argentometric Method)	68
12	Sulphate (as SO ₄ ⁻²)	mg/L	APHA 24 th Edition-4500-SO ₄ -Method E (Turbidimetric Method)	73.83
13	Nitrate (as NO ₃ ⁻)	mg/L	APHA 24 th Edition-4500-NO ₃ -Method B (UV Spectrophotometric Screening Method)	32.83
14	Fluoride (as F ⁻)	mg/L	APHA 24 th Edition-4500-F-Method C (Ion Selective Electrode Method)	0.13
15	Total Alkalinity (as CaCO ₃)	mg/L	APHA 24 th Edition-2320 Alkalinity Method B (Titration Method)	340

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. Abbreviations : B.D.L.=Below Detection Limit, U.D.L. =Upper Detection Limit

Issued By:

S. A. Mehta
07/04/24
(S.A. Mehta)
Quality Manager

Name & Designation of
Authorized Signatory

O.W.No. DL Anand / 1078 / of 2024, Dt. 08 / 04 / 2024.

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



DISTRICT LABORATORY
1st Floor, Plot No-225, 'AIP' House,
Opp. Charotar Nagrik Bank, Netaji Subhash Road,
ANAND
Phon No. (02692) 266504



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

Shree Swaminarayan Gurukul
Vadtal-Bakrol Road
At. Bakrol

Sender's Ref. No. : SGIS/Admin/2024-25/622

Ref. Date : 05.04.24

Date & Time of Commencing Examination : 05.04.24

Sample collected by : Sender

BW No.	ABW-10
Date of Collection	05.04.24
Date of Arrival at Lab.	05.04.24
Source of Water Sample	Tube Well, Near Shree Swaminarayan Gurukul International School
Village	Bakrol
Habitation	Bakrol
Taluka	Anand
District	Anand
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	A
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 37° C
MPN of coliform per 100 ml of sample at 37° C	<2
MPN of Faecal coliform per 100 ml of sample at 44° C	<2
Free Chlorine (PPM)	Nil
OPINION FOR POTABILITY :	FIT

Important Note:-

1) '>=' Indicates greater than or equal to, 2) '<' Indicates less than

NOTE : Table - 6 Bacteriological Quality of Drinking Water (BIS:10500:2012) : Second Revision.

@ All Water Intended for Drinking -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

@ Treated Water Entering the Distribution system & Treated Water in the Distribution system -

(a) E.coli or Thermotolerant coliform bacteria shall not be detectable in any 100ml sample.

(b) Total coliform bacteria shall not be detectable in any 100ml sample.

@ 0.2ppm Free Residual Chlorine at consumer end is recommended.

1) Test Report is issued for assessing Bacteriological Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.

2) This Report should not be taken as a basis to getting license from any Government authority.

3) After Collection of Bact. Sample, it must be preserved at 4°C and submitted to laboratory within 24hrs.

Outward No.: BRD/ 1078 / of 2024, Date: 08 / 04 / 2024

Smeely
Microbiologist