



GUJARAT WATER SUPPLY & SEWERAGE BOARD
DISTRICT LABORATORY GANDHINAGAR
 Ground Floor, GJT, G-Road, Sec-15, Gandhinagar



Certificate No-10090

Test Report

Name & Address of Customer:-

BAPS

Customer Reference No.:BAPS/2022/23-670

Swaminarayan Vidhya Mandir

Sample Submitted by :Lab Staff

B/H Petrol Pump

Date of Sample Receipt :17-May-2022

Raysan

Analysis Starting Date :17-May-2022

Analysis Completion Date :17-May-2022

Dicipline:Chemical Testing,Group:Drinking Water

Test Report No.: 194

Date of Issue : 18-May-2022

Sample ID : 194

Mode of Sample: Satisfactory

Main Source :Ground Water

Source :Bore Water

Location :B/H Hostel

Village :Raysan

Habitation :Raysan

Taluka :Gandhinagar

District :Gandhinagar

Latitude :-

Longitude :-

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
2	Odour	-	IS : 3025 (Part 5) - 2018	Agreeable
3	Taste	-	IS : 3025 (Part 8) - 1984	Agreeable
4	Turbidity	NTU	APHA (23 rd Ed.2017), Method: 2130 B	0.31
5	pH at 25°C	-	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B	8.15
6	Conductivity at 25°C	μS/cm	APHA (23 rd Ed.2017) Method: 2510 B	768
7	Total Dissolved Solids	mg/l	APHA (23 rd Ed.2017) Method: 2540 C	494
8	Total Hardness(as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2340 C	72
9	Calcium (as Ca ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B	16
10	Magnessium (as Mg ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B	7
11	Chloride (as Cl ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B	80
12	Sulphate (as SO ₄ ⁻²)	mg/l	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	24
13	Nitrate (as NO ₃ ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	22.09
14	Fluoride (as F ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	1.09
15	Total Alkalinity(as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2320 B	260

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.

Check By:

Issued By:

R. Vaidya

Riddhi Vaidya
(Dy. TMg)

Director
BAPS Swaminarayan
Vidyamandir, Raysan

Khyati Nayak
 (Quality Manager)
 Authorized Signatory

Principal
Swaminarayan
Vidyamandir, Raysan

End of the Test Report

O.W.No. DL/GNR/ 10th /of 2022, Dt. 18/5/2022.

Ground Floor, GJT, G-Road, Sec-15, Gandhinagar

E-mail: districtlabgandhinagar@gmail.com

IS-10500:2012 (2nd Revision)

Sr. No.	Parameter	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1	Colour, Hazen units, Max	5	15
2	Turbidity, NTU, Max	1	5
3	pH value	6.5 to 8.5	No relaxation
4	Conductivity at 25 ⁰ C	-	-
5	Total Dissolved Solids, mg/l, Max	500	2000
6	Total Hardness (as CaCO ₃), mg/l, Max	200	600
7	Calcium (as Ca), mg/l, Max	75	200
8	Magnesium (as Mg), mg/l, Max	30	100
9	Chloride (as Cl), mg/l, Max	250	1000
10	Sulphate (as SO ₄), mg/l, Max	200	400
11	Nitrate (as NO ₃), mg/l, Max	45	No relaxation
12	Fluoride (as F), mg/l, Max	1	1.5
13	Total Alkalinity (as CaCO ₃), mg/l, Max	200	600

M. Das
Principal
Baps Swaminarayan
Vidyamandir, Raysan

Ashalek
Director
BAPS Swaminarayan
Vidyamandir, Raysan



DISTRICT LABORATORY
GUJARAT JALSEVA TRAINING INSTITUTE
GUJARAT WATER SUPPLY & SEWERAGE BOARD
SECTOR - 15, 'G' Road, GANDHINAGAR - 382016



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER SAMPLE

Name & Address of Sender	Sender's Ref. No:	BAPS/2022/23-670
BAPS	Date of Collection :	17-May-2022
Swaminarayan Vidyamandir, Behind Petrol Pump	Date of Receipt at Lab.:	17-May-2022
Raysan	Sample collected by :	Sender
Lab Ref. i.e. BW No.	292	
Date of Commencing Examination	17-May-2022	
Source of Water Sample	Bore Water	
Source Details	Behind Hostel	
Village	Raysan	
Taluka	Gandhinagar	
District	Gandhinagar	
PA Test of Total coliform per 100 ml of sample at 35° C	Negative	
MPN of Total coliform per 100 ml of sample at 37° C	<2	
MPN of E.coli per 100 ml of sample at 44° C	<2	
OPINION FOR POTABILITY AS PER THE BIS:10500:2012	Potable	

Bacteriological Standard of Drinking Water (BIS:10500:2012) :

(i) All Water Intended for Drinking:

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

(ii) Treated Water Entering 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.

(iii) 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.

Chemical Sample Lab Reference No :-

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 Bacteriological Sample, it must be preserved at 4°C and submitted to laboratory.

4) PA Test Positive indicates water is Non potable

5) PA Test Negative indicates water is Potable

GJTI /Dist. Lab / BWT / 176 / of 2022

Date: 21 / 05 / 2022

Chief Scientific Officer

A. K. Shah

Director

BAPS Swaminarayan
Vidyamandir, Raysan

N. Das

Principal

Baps Swaminarayan
Vidyamandir, Raysan

સંજીવની નવજાત શીશુ અને બાળકોની હોસ્પિટલ

Dr. Ghanshyam J. Chauhan

M.D. (Paediatrics)

Consulting Neonatologist & Paediatrician

Reg. No. G. 32395



ડૉ. ઘનશ્યામ જે. ચૌહાણ

એમ. ડી. (પીડીયાટ્રીક્સ)

નવજાત શીશુ તથા બાળરોગ નિષ્ણાંત

રજી. નં. જી. ૩૨૩૯૫

પ્લોક એ/૧૦૧-૧૦૩, રાધે સિગ્નેચર, સહજાનંદ સીટી ફ્લેટ સામે, કુડાસણ, ગાંધીનગર. મો. ૮૯૮૦૦૪૧૭૬૪

સમય : સવારે ૯-૩૦ થી ૧૧-૩૦, સાંજે ૫-૩૦ થી ૭-૩૦

પ્લોટ નં. ૫૭૮/૧, સેક્ટર ૭/બી, ઘ-૨ સર્કલની પાસે, ગાંધીનગર. ફોન : ૨૩૨૪૬૩૩૬

સમય : બપોરે ૧૨-૦૦ થી ૧-૦૦, સાંજે ૮-૦૦ થી ૯-૦૦

Health Certificate

This is to certify that the doctors are regularly coming for visit and checking the student. The students are being checked for their eyes, teeth and other basic health problems. Most of the student are found to be healthy.

Sign.

Dr. Ghanshyam J. Chauhan

Reg.No.G-32395 M.D.(Pediatrics)

Sanjivani Children & Neonatal Hospital

A/101-103, Radhe Signature, Kudasan, Gandhinagar.

Director

BAPS Swaminarayan
Vidyamandir, Raysan

Principal
Baps Swaminarayan
Vidyamandir, Raysan