



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



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address:-

Bright International School	Sender's Ref.No:	-
Karai	Date of Receipt at Lab. / Arrival Date:	26-May-25
Gandhinagar	Sample Collected By:	Sender

Lab Ref. i.e. BW No.	325
Date of Collection	26-May-25
Date of Commencing Examination:	26-May-25
Source of Water Sample	Bore Water Bright International school
Village	Karai
Habitation	Karai
Taluka	Gandhinagar
District	Gandhinagar
Membrane Filtration Method, IS-15185:2016, ISO 9308-1:2014 for Total Coliform	< 1
Membrane Filtration Method, IS-15185:2016, ISO 9308-1:2014 for Therotolerant Fecal Coliform (<i>E.coli</i>)	< 1
Opinion For Potability As Per The BIS:10500:2012	Safe

Important Note:-

- *Sample should be collected in sterile BOD bottle.
- **"Unsafe" :- Proper Disinfection may render it safe.
- *Presence of Coliform in water sample indicates the need of proper Disinfection.

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.

- 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 (5±3)°C and submitted to laboratory within 24hrs.

Analysed By :
Microbiologist

[Signature]

[Signature]
Lab Incharge

Outward No.: GJTI/Dist.Lab/BWT 325 / of 2025, Date: 25 / 6 / 2025

[Signature]
Principal
BRIGHT INTERNATIONAL SCHOOL
Post Valad, Dist. Gandhinagar-382355.

[Signature]
Managing Trustee
BRIGHT INTERNATIONAL SCHOOL
(English Medium)
Post Valad, Dist. Gandhinagar-382355.



GUJARAT WATER SUPPLY & SEWERAGE BOARD

DISTRICT LABORATORY GANDHINAGAR

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

**Test Report**

Name & Address of Customer:-

Bright International School

Customer Reference No.:-

Karai

Sample Submitted by :Customer

Gandhinagar

Date of Sample Receipt :26-May-2025

Analysis Starting Date :28-May-2025

Analysis Completion Date :28-May-2025

Discipline:Chemical Testing,Group:Drinking Water

ULR - TC129242500000367F

Test Report No.: 367/2025-26

Date of Issue : 29-May-2025

Sample ID : 367

Mode of Sample: Satisfactory

Main Source :Ground Water

Source :Bore Water

Location :Bright International school

Village :Karai

Habitation :Karai

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	Odour	-	IS : 3025 (Part 5) - 2018	Agreeable
2	Turbidity	NTU	APHA (24 th Ed.2023), Method: 2130 B	1.02
3	pH at 25°C	-	APHA (24 th Ed.2023) Method: 4500 H ⁺ B	7.08
4	Conductivity at 25°C	μS/cm	APHA (24 th Ed.2023) Method: 2510 B	227
5	Total Dissolved Solids	mg/l	APHA (24 th Ed.2023) Method: 2540 C	184
6	Total Hardness(as CaCO ₃)	mg/l	APHA (24 th Ed.2023) Method: 2340 C	124
7	Calcium (as Ca ²⁺)	mg/l	APHA (24 th Ed.2023) Method: 3500 Ca+2 B	32
8	Magnesium (as Mg ²⁺)	mg/l	APHA (24 th Ed.2023) Method: 3500-Mg+2 B	11
9	Chloride (as Cl ⁻)	mg/l	APHA (24 th Ed.2023) Method: 4500-Cl - B	32
10	Sulphate (as SO ₄ ²⁻)	mg/l	APHA (24 th Ed.2023) Method: 4500-SO ₄ -2 E	11
11	Nitrate (as NO ₃ ⁻)	mg/l	APHA (24 th Ed.2023) Method: 4500-NO ₃ - B	41.68
12	Fluoride (as F ⁻)	mg/l	APHA (24 th Ed.2023) Method: 4500-F - C	0.13
13	Total Alkalinity(as CaCO ₃)	mg/l	APHA (24 th Ed.2023) Method: 2320 B	140

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.



Issued By:

Khyati Nayak
(Quality Manager)
Authorized Signatory

End of the Test Report

O.W.No. DL/GNR/ 367 /of 2025, Dt. 29 / 5 / 2025.

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

E-mail: districtlabgandhinagar@gmail.com

Principal
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