



**P. H. E. Laboratory**  
**G.W.S. & S.B.**

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જાહેર આરોગ્ય ઇજનેરી પ્રયોગશાળા  
ગુ. પા. પુ. અને ગ.વ્ય.બોર્ડ,  
પહેલો માળ, ચીમનભાઈ પટેલ વિકાસ ભવન,  
જામનગર રોડ, રાજકોટ- ૩૬૦૦૦૧  
ફોન : (૦૨૮૧) ૨૪૪૧૫૨૧

E.mail : phel.rjt@gmail.com

## Test Report

Name & Address of Customer:-

\*RAJKOT INTERNATIONAL SCHOOL (CBSE  
BOARD)

B/H. SHRI RAMJI MANDIR,  
RATANPAR,  
MORBI ROAD RAJKOT  
RAJKOT

Customer Reference No.:

NILL.

Sample Submitted by :

Sender

Date of Sample Receipt :

10/03/2026

Analysis Starting Date :

10/03/2026

Analysis Completion Date :

11/03/2026

ULR No.:

-

Discipline : Chemical Testing

Group : Water

Test Report No.:	3302/03/2026	Date of Issue :	12/03/2026	
Sample ID :	RCW-3302/03/2026	Mode of Sample:	-	
Main Source :	*Ground water	Source :	*TUBE WELL WATER	
Location :	*IN CAMPUS			
Village :	RAJKOT	Habitation :	RAJKOT	
Taluka :	RAJKOT	District :	RAJKOT	
Latitude :	-	Longitude :	-	
Kindly find herewith the Analytical Results.		Sample Type:	Drinking Water	
Sr. No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	CU	APHA (24 <sup>th</sup> Ed.2023), Method: 2120 B	<5
2	Turbidity	NTU	APHA (24 <sup>th</sup> Ed.2023), Method: 2130 B	0.67
3	pH at 25 <sup>o</sup> C	-	APHA (24 <sup>th</sup> Ed.2023) Method: 4500 H <sup>-</sup> B	7.64
4	Conductivity at 25 <sup>o</sup> C	μS/cm	APHA (24 <sup>th</sup> Ed.2023) Method: 2510 B	1075
5	Total Dissolved Solids	mg/L	APHA (24 <sup>th</sup> Ed.2023) Method: 2540 C	680
6	Total Hardness (as CaCO <sub>3</sub> )	mg/L	APHA (24 <sup>th</sup> Ed.2023) Method: 2340 C	444
7	Calcium (as Ca <sup>+2</sup> )	mg/L	APHA (24 <sup>th</sup> Ed.2023) Method: 3500 Ca <sup>+2</sup> B	102
8	Magnesium (as Mg <sup>+2</sup> )	mg/L	APHA (24 <sup>th</sup> Ed.2023) Method: 3500-Mg <sup>+2</sup> B	46
9	Chloride (as Cl <sup>-</sup> )	mg/L	APHA (24 <sup>th</sup> Ed.2023) Method: 4500-Cl <sup>-</sup> B	56
10	Sulphate (as SO <sub>4</sub> <sup>-2</sup> )	mg/L	APHA (24 <sup>th</sup> Ed.2023) Method: 4500-SO <sub>4</sub> <sup>-2</sup> E	69
11	Nitrate (as NO <sub>3</sub> <sup>-</sup> )	mg/L	APHA (24 <sup>th</sup> Ed.2023) Method: 4500-NO <sub>3</sub> <sup>-</sup> B	33.97
12	Fluoride (as F <sup>-</sup> )	mg/L	APHA (24 <sup>th</sup> Ed.2023) Method: 4500-F <sup>-</sup> C	0.22
13	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA (24 <sup>th</sup> Ed.2023) Method: 2320 B	472

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. The Report shall not be reproduced expect-in full, Without approval of the laboratory.
4. Please refer back page for IS 10500:2012 (2<sup>nd</sup> Revision) limits.
5. \*This Information (Name and address of the customer, details of the sample) are provided by the customer.

Analysed By :

Checked & Approved By:

For: Riddhi

Chemist / Dy. Quality Manager

Riddhi

(RIDDHI VACHHANI)  
Authorised Signatory

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

O.W.No. PHEL/RJT/C. Report/ 1204 /of 2026, Dt. 16 /03 /2026.

1st Floor, Chimanbhai Patel Vikas Bhavan, RUDA Building, Jamnagar Road, Rajkot-360001



**REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER**

Name & Address

\*RAJKOT INTERNATIONAL SCHOOL (CBSE BORD)  
B/H. SHRI RAMJI MANDIR,  
RATANPAR,MORBI ROAD RAJKOT

Sender's Ref. No. : NIL

Ref. Date : 10-03-26

Date & Time of Commencing Examination : 10-03-26

Sample collected by : Sender

RBW No.	3629
Date of Collection	10/03/2026
Date of Arrival at Lab.	10/03/2026
Source of Water Sample	*TUBE WELL WATER/IN PARKING/IN CAMPUS
Village	RAJKOT
Habitation	RAJKOT
Taluka	RAJKOT
District	RAJKOT
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	---
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:-

" Unsafe\* " :- Proper Disinfection may render it Safe.

Presence of Coliform in water sample indicates the need of proper Disinfection.

Water Sample contains very high Free Chlorine, such a high Chlorine is not advisable for human consumption. Free Chlorine shouldn't exceed "2 ppm" at the consumer end. Also the analysis is not feasible in presence of such a high Free Chlorine content.

\*\* Presence of Free Chlorine in the water indicates that water is disinfected and hence bacteriologically water is Fit for Potable use.

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.

Vishal  
Microbiologist

Outward No.: PHEL/RJT / 1210 / of 2026, Date: 16 / 03 / 2026