



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

***PRINCIPAL**

P M SHREE KENDRIYA VIDHYALAYA
KALAVAD ROAD - RAJKOT

Sender's Ref. No. : 12029/Misc/KVR/2026/71

Ref. Date : 01/07/2026

Date & Time of Commencing Examination : 01/07/2026

Sample collected by : Sender

RBW No.	1499
Date of Collection	01/07/2026
Date of Arrival at Lab.	01/07/2026
Source of Water Sample	TAP WATER + R.O WATER / IN VIDYALAYA
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	---
APHA-9222B, IS-15185:2016, ISO 9308-1:2014 Total Coliform Test	< 2
APHA-9222D, IS-15185:2016, ISO 9308-1:2014 Therotolerant Fecal Coli form (E.Coli)	< 2
Free Chlorine (PPM)	NILL
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.

Vishul
Microbiologist

Outward No.: PHEL/RJT / 206 / of 2026, Date: 06/07/2026



P. H. E. Laboratory
G.W.S. & S.B.
 1ST Floor, Chimanbhai Patel Vikas
 Bhavan, Jamnagar Road,
 RAJKOT - 360001
 Phone : (0281) 2441521



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

E mail : phel.rjt@gmail.com

Test Report

Name & Address of Customer:-

*PM SHRI KENDRIYA VIDHYALAYA

KALAWAD ROAD,
 RAJKOT
 RAJKOT
 RAJKOT

Customer Reference No.:

NILL

Sample Submitted by :

Sender

Date of Sample Receipt :

01-Jul-26

Analysis Starting Date :

01-Jul-26

Analysis Completion Date :

02-Jul-26

ULR No.:

-

Discipline : Chemical Testing

Group : Water

Test Report No.:	1330/07/2026	Date of Issue :	03-07-26
Sample ID :	RCW-1330/07/2026	Mode of Sample:	-
Main Source :	SURFACE	Source :	MUNI TAP WATER+RO.
Location :	IN SENDER		
Village :	RAJKOT	Habitation :	RAJKOT
Taluka :	RAJKOT	District :	RAJKOT
Latitude :	-	Longitude :	-
Kindly find herewith the Analytical Results.		Sample Type:	Drinking Water
Sr. No.	Parameter	Unit	Analytical Value
1	Colour	CU	APHA (24 rd Ed.2023), Method: 2120 B
2	Turbidity	NTU	APHA (24 rd Ed.2023), Method: 2130 B
3	pH at 25 ⁰ C	-	APHA (24 rd Ed.2023) Method: 4500 H ⁺ B
4	Conductivity at 25 ⁰ C	μS/cm	APHA (24 rd Ed.2023) Method: 2510 B
5	Total Dissolved Solids	mg/L	APHA (24 rd Ed.2023) Method: 2540 C
6	Total Hardness (as CaCO ₃)	mg/L	APHA (24 rd Ed.2023) Method: 2340 C
7	Calcium (as Ca ⁺²)	mg/L	APHA (24 rd Ed.2023) Method: 3500 Ca ⁺² B
8	Magnesium (as Mg ⁺²)	mg/L	APHA (24 rd Ed.2023) Method: 3500-Mg ⁺² B
9	Chloride (as Cl ⁻)	mg/L	APHA (24 rd Ed.2023) Method: 4500-Cl ⁻ B
10	Sulphate (as SO ₄ ⁻²)	mg/L	APHA (24 rd Ed.2023) Method: 4500-SO ₄ ⁻² E
11	Nitrate (as NO ₃ ⁻)	mg/L	APHA (24 rd Ed.2023) Method: 4500-NO ₃ ⁻ B
12	Fluoride (as F ⁻)	mg/L	APHA (24 rd Ed.2023) Method: 4500-F ⁻ C
13	Total Alkalinity (as CaCO ₃)	mg/L	APHA (24 rd Ed.2023) Method: 2320 B

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 except in full, Without approval of the laboratory.
4. Please refer back page for IS 10500:2012 (2nd 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:

RJ

Chemist / Technical manager

Riddhi
 (RIDDHI VACHHANI)
 Authorised Signatory

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

O.W.No. PHEL/RJT/C. Report/ 108 /of 2026, Dt. 15 / 7 /2026