



District Laboratory ,
1st Floor, Right Wing,
Old Collector Office, Kanbi Waga,
Bharuch-392001
Phone No.:- 02642-262155



જીલ્લા પ્રયોગશાળા,
જુની કલેક્ટર કચેરી, પહેલો માળ,
કનબીવગા,
ભરૂચ-૩૯૨૦૦૧
ફોન: ૦૨૬૪૨-૨૬૨૧૫૫



E-mail: distlabbharuch@gmail.com

TC-11519

Test Report

Name & Address of Customer *:-

Rungta Vidya Bhavan

Customer Reference No. Nil/dt.10.03.2025

Nr Rotary Club
Mahatma Gandhi Road
Bharuch

Sample Submitted by Customer
Date of Sample Receipt 10.03.2025
Analysis Starting Date 11.03.2025
Analysis Completion Date 11.03.2025
ULR No. TC7118240000000259F
Discipline: Chemical Testing, Group:Water

Test Report No.	45/2024-25	Date of Issue	12.03.2025
Sample ID	BCW-45/03-25	Source*	R.O.Treated water
Main Source*	-	Condition of Sample	Satisfactory

Location* At Rungta Vidya Bhavan

Village* Bharuch

Taluka* Bharuch

Latitude* --

Habitation* Bharuch

District* Bharuch

Longitude* --

Kindly find herewith the Analytical Results.

Sample Type* : Drinking Water

Sr.No.	Parameter	Unit	Reference Method :	Analytical
1	Turbidity	NTU	APHA (23rd Ed.2017), Method: 2130 B	0.18
2	pH at 25°C	-	APHA (23rd Ed.2017) Method: 4500 H+ B	7.88
3	Conductivity at 25°C	μS/cm	APHA (23rd Ed.2017) Method: 2510 B	212
4	Total Dissolved Solids	mg/L	APHA (23rd Ed.2017) Method: 2540 C	102
5	Total Hardness (as CaCO ₃)	mg/L	APHA (23rd Ed.2017) Method: 2340 C	56
6	Calcium (as Ca ⁺²)	mg/L	APHA (23rd Ed.2017) Method: 3500 Ca+2 B	15
7	Magnesium (as Mg ⁺²)	mg/L	APHA (23rd Ed.2017) Method: 3500-Mg+2 B	13
8	Chloride (as Cl ⁻)	mg/L	APHA (23rd Ed.2017) Method: 4500-Cl - B	54
9	Sulphate (as SO ₄ ⁻²)	mg/L	APHA (23rd Ed.2017) Method: 4500-SO4-2 E	12.3
10	Fluoride (as F ⁻)	mg/L	APHA (23rd Ed.2017) Method: 4500-F - C	0.24
11	Total Alkalinity (as CaCO ₃)	mg/L	APHA (23rd Ed.2017) Method: 2320 B	96

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 reproduced except in full without approval of the laboratory.
4. Please refer back page for IS 10500:2012 (2nd Revision) limits.
5. Disclaimer : Information marked by " * " is provided by the customer.

Issued By:

Authorized Signatory

End of the Test Report

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IS-10500:2012 (2nd Revision)

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



DISTRICT LABORATORY Bharuch
Gujarat Water Supply Sewerage Board,
1st Floor Right Wing, Old Collector Office, Kanbiwaga, Bharuch.



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

Rungta Vidya Bhavan

Nr Rotary Club, Mahatma Gandhi Road

Bharuch

Sender's Ref. No.: Nil/dt.10.03.2025

Ref. Date: 10.03.2025

Date & Time of Commencing Examination: 10.03.2025

Sample collected by: Customer

BW No.	445
Date of Collection	10.03.2025
Date of Arrival at Lab.	10.03.2025
Source of Water Sample & Location	R.O.Treated Water At Rungta Vidya Bhavan
Village	Bharuch
Habitation	Bharuch
Taluka	Bharuch
District	Bharuch
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

Laboratory In charge