



DISTRICT LABORATORY

Quarter No. F/7 F/8, Jalseva Nagar,
Oppd. G. K. General Hospital,
GWSSB, Bhuj - 370001, Kachchh - Gujarat.
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REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

Principal
Shree Ghanshyam Academy, Kera road, Naranpar
Bhuj

Sender's Ref. No. : 3191

Ref. Date : 09-Sep-25

Date & Time of Commencing Examination :
03-Sep-25

Sample collected by : Sender

BW No.	263
Date of Collection	03-Sep-25
Date of Arrival at Lab.	03-Sep-25
Source of Water Sample	RO water of Shree ghanshyam academy
Village	Naranpar
Habitation	...
Taluka	Bhuj
District	Kutch
APHA, AWWA, 9221-D Presence - Absence Coliform Test, @ 37° C	...
APHA, AWWA, 9221-F Presence - Absence E-Coli Test, @ 44° 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 :	Potable

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 "0.2 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.

Checked By
Microbiologist

Laboratory In Charge

Outward Number DLBhui/BAR/ 0 764

Date of Outward : 06-Sep-2025