



Laboratory In Charge,
District Laboratory,
G.W.S. & S.B.
"JAL BHAVAN",
Saru Section Road,
JAMNAGAR - 361002
Phone : (0288)2550253



પ્રયોગશાળા ઈનચાર્જ,
જીલ્લા પ્રયોગશાળા,
ગુજરાત પા.પુ.અને ગ.વ્ય.બોર્ડ,
"જલ ભવન", સરુ સેક્શન રોડ,
જામનગર- ૩૬૧૦૦૨
ફોન : (૦૨૮૮) ૨૫૫૦૨૫૩

QF-DL/7.8/F-01



E.mail : distlabjam@gmail.com

Test Report

Name & Address of Customer:-

PRINCIPAL
KENDRIYA VIDHYALAYA NO - 3
AIR FORCE II ,JAMNAGAR

Customer Reference No.: NIL DT. 12/09/2022
Sample Submitted by : SENDER
Date of Sample Receipt : 12-09-2022
Analysis Starting Date : 13-09-2022
Analysis Completion Date : 14-09-2022
ULR No.: TC7514220000001418F
Discipline : Chemical Testing, Group: Water

Test Report No.:	564/2022-23	Date of Issue :	15-09-2022	
Sample ID :	JCW-564/09/2022	Mode of Sample:	--	
Main Source :	Surface Water	Source :	Treated Water	
Location :	R.O. FROM MUNI. TAP WATER			
Village :	JAMNAGAR	Habitation :	JAMNAGAR	
Taluka :	JAMNAGAR	District :	JAMNAGAR	
Latitude :	--	Longitude :	--	
Kindly find herewith the Analytical Results.		Sample Type: Drinking Water		
Sr. No.	Parameter	Unit	Reference Method :	Analytical Value
1	Colour	Hazen	APHA (23 rd Ed.2017), Method: 2120 C	2.03
2	Turbidity	NTU	APHA (23 rd Ed.2017), Method: 2130 B	1.94
3	pH at 25°C	-	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B	7.19
4	Conductivity at 25°C	μS/cm	APHA (23 rd Ed.2017) Method: 2510 B	542
5	Total Dissolved Solids	mg/l	APHA (23 rd Ed.2017) Method: 2540 C	360
6	Total Hardness (as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2340 C	180
7	Calcium (as Ca ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B	37
8	Magnesium (as Mg ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B	21
9	Chloride (as Cl ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B	92
10	Sulphate (as SO ₄ ⁻²)	mg/l	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	34
11	Nitrate (as NO ₃ ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	4.77
12	Fluoride (as F ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	0.16
13	Total Alkalinity (as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2320 B	108

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.

Checked By :

(Bhavdip Kansagara)
T.Mg.

આવક (Inward): 564
ફાઇલ નં. (File No.): V.V.H. 16-File
દિનાંક: (Date): 16-9-2022

Issued By:

(B. A. Mehta)
Jr. Sci. Asstt. & Quality Manager
Authorized Signatory

End of the Test Report

O.W. No. DLJ / 1928 / of 2022, Date :- 15-09-2022

Ground Floor, "Jalbhavan", Saru Section Road, Jamnagar-361002

Phone No.:- (0288) 2550253,

E-mail: distlabjam@gmail.com

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 ⁰ C	-	6.5 to 8.5	No relaxation
4	Conductivity at 25 ⁰ 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



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email:- distlabjam@gmail.com



DISTRICT LABORATORY
GUJARAT WATER SUPPLY SEWERAGE BOARD
"JAL BHAVAN", SARU SECTION ROAD
JAMNAGAR

REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

PRINCIPAL
KENDRIYA VIDHYALAYA NO - 3
AIR FORCE II, JAMNAGAR

Sender's Ref. No: NIL Dt. 12-09-2022
Date of Collection : 12-Sep-22
Date of Receipt at Lab.: 12-Sep-22
Sample collected by : Sender

Lab Ref. i.e. JBW No.	1286
Date of Commencing Examination	12-Sep-22
Source of Water Sample	Surface Water
Source Details	R.O. FROM MUNI. TAP WATER
Village	JAMNAGAR
Habitation	JAMNAGAR
Taluka	JAMNAGAR
District	JAMNAGAR
Total Coliform Test: APHA-9222B, IS-15185:2016, ISO 9308-1:2014 Total Coliform Test.	< 1
Therotolerant Fecal coliform (E.Coli) Test: APHA-9222D, IS-15185:2016, ISO 9308-1:2014 Therotolerant Fecal coliform (E.Coli)	< 1
Free Chlorine (PPM)	BDL
OPINION FOR POTABILITY AS PER THE BIS:10500:2012	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.

Checked By :-


(Microbiologist)

આવક (Inward): 542
ફાઇલ નં. (File No): School Contd-120212
વિનાંક (Date): 16-9-2022
Jr. Scientific Assistant

Chemical Sample Lab Reference No :-

GJTI /Dist. Lab / BWT / 1933 / of 2022 Date :15/09/2022