

SCIENTIFIC OFFICER DISTRICT LABORATORY. 2ND FLOOR, 'JALBHAVAN', ADAJAN O/H WATER TANK COMPOUND.ADAJAN ROAD,SURAT-395009. PHONE /FAX : (0261)-2782145.



distlabsurat@gmail.com

વૈજ્ઞાનિક અધિકારીશ્રી, જિલ્લા પ્રયોગશાળા, ગુ.પા.પુ.અને ગ.વ્ય.બોર્ડ, 'જલભવન' બીજો માળ, અડાજણ ઉંચી પાણીની ટાંકી કમ્પાઉન્ડ. અંડાજણ રોડ,સુરત-૩૯૫૦૦૯. ફોન/ફેક્સ નં : (૦૨૬૧)-૨૭૮૨૧૪૫.



Test Report

Name & Address of Customer:-

Shree Krushnalal Bhikhabhai Parekh Charitable Trust Managed **Genius Educational Academy**

Tal.- Choryasi Dist-Surat.

Taluka

Latitude

Customer Reference No.

Ref No:-GFA/2022-: 23/OFFICE/57/2022, Dtd.25/02/ 2022

Sample Submitted by **Date of Sample Receipt Analysis Starting Date**

Analysis completion Date :

Sender 25/02/22 25/02/22 25/02/22

ULR No Discipling

Longitude

TC742822000000398F Chemical Testing, Group: Water

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Test Report N	o :	1062/2021-'22	Date of Issue	:	25/02/'22
Sample ID	:	SCW-1062/02-'22	Mode of Sample	:	Satisfactory
Main Source	:	Ground Water	Source :	Tube Well	
Location		of Genius Educational Academy			
Village	:	Mohani	Habitation :	Mohani	
Taluka		Choryasi	District :	Surat	

Drinking Water Sample Type : Kindly find herewith the Analytical Results.

Killuly Illia Helewith the Analytical Results.					Campie Type .		
		Unit	IS-10500:2012 (2nd Revision)				
Sr. No.	Parameter		Requirement (Acceptable Limit) Max.	Permissible Limit in the Absence of Alternate Source Max.	Reference Method :	Analytical Value	
1	Colour	Hazen	5	15	APHA (23 rd Ed.2017), Method: 2120 C	<1.0	
2	Turbidity	NTU	1	5	APHA (23 rd Ed.2017), Method: 2130 B	0.62	
3	pH at 25°C	-	6.5 to 8.5	No relaxation	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B	7.65	
4	Conductivity at 25°C	μS/cm	-	arg,	APHA (23 rd Ed.2017) Method: 2510 B	2540	
5	Total Dissolved Solids	mg/l	500	2000	APHA (23 rd Ed.2017) Method: 2540 C	1358.0	
6	Total Hardness(as CaCO ₃	mg/l	200	600	APHA (23 rd Ed.2017) Method: 2340 C	339	
7	Calcium (as Ca ⁺²)	mg/l	75	200	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B	49	
8	Magnessium (as Mg ⁺²)	mg/l	30	100	APHA (23 rd Ed.2017) Method: 3500-Mg* ² B	52	
9	Chloride (as Cl ⁻)	mg/l	250	1000	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B	324	
10	Sulphate (as SO ₄ -2)	mg/l	200	400	APHA (23 rd Ed.2017) Method: 4500-SO ₄ -2 E	162	
11	Nitrate (as NO ₃ *)	mg/l	45	No relaxation	APHA (23 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	31.72	
12	Fluoride (as F)	mg/l	1	1.5	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	1.03	
Van	Total Alkalinity (as CaCO ₃)	mg/l	200	600	APHA (23 rd Ed.2017) Method: 2320 B	596	

This Report is issued under the following terms & Condition:

Choryasi

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.

cal Manager

District Laboratory Gul. Water Supply & Sew. Board "JAL BHAVAN" 2nd Floor, Adajan O/H Water Tank Compound, Adajan Road, SURAT-395009, Guj.

(MEETA B. LAD) Technical Manager District Laboratory GWSSB, Surat.

Dy.TMg /Chemist

Name & Designation of **Authorized Signatory**

/of 2022, Dt. 25 / 09 / 2022. O.W.No. DLS/ 72

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



DISTRICT LABORATORY Gujarat Water Supply Sewerage Board SURAT



REPORT ON BACTERIOLOGICAL EXAMINATION OF WATER

Name & Address

Ref No:-GEA/2022-

Shree Krushnalal Bhikhabhai Parekh

Sender's Ref. No.:

23/OFFICE/57/2022

Charitable Trust Managed

Ref. Date. :

Date & Time of Commencing Examination:

25/02/2022

25/02/2022

Genius Educational Academy

Sample collected by:

Sender

Surat

BW No.	SBW-1419		
Date of Collection	25/02/'22		
Date of Arrival at Lab.	25/02/'22		
Source of Water Sample	Tube Well,of Genius Educational Academy		
Village	Mohani		
Habitation	Mohani		
Taluka	Choryasi		
District	Surat		
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:-

NOTE: Table - 6 Bacteriological Quality of Drinking Water (BIS:10500:2012); Second Rivision.

@ All Water Intended for Drinking -

- (a) E.coli or Thermotolerant coliform bacteria shall not be detactable 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 detactable in any 100ml sample.
 - (b) Total coliform bacteria shall not be detactable in any 100ml sample.
- @ 0.2ppm Free Residual Chlorine at consumer end is recommanded.
- 1) Test Report is issued for assessing Bacteriological Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.
- 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.

District Laboratory
Gui, Water Supply & Sew. Board
"JAL BHAVAN" 2nd Floor,
Adajan O/H Water Tank Compound,
Adajan Road, SURAT-395009. Guj.

LABORATORY INCHARGE

Outward No.: DL SRT / # 10f 2022, Dt. 28 1 02 2022

^{1) &#}x27;>=' Indicates greater than or equal to, 2) '<' Indicates less than,3)'P' Indicates Presence, 4)'A' Indicates Absence