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મુખ્ય વૈજ્ઞાનિક અધિકારીશ્રી,
જાહેર આરોગ્ય ઇજનેરી
પ્રયોગશાળા, જાલસેવા ભવન,
પહેલો માળ, રેસી કોર્સ, રેસકોર્સ,
વડોદરા - ૩૯૦ ૦૦૭
ફોન નંબર :- (૦૨૬૫) ૨૩૪૪૪૨૮
ફેક્સ નંબર :- (૦૨૬૫) ૨૩૪૦૫૪૫



Certificate No. TC-7283

Test Report

Name & Address of Customer:-

Customer Reference No.: Nil/Dt.29.05.19

Gujarat Public School
Chhani,
Vadodara

Sample Submitted by: Customer
Date of Sample Receipt: 29.05.19
Analysis Starting Date: 30.05.19
Analysis completion Date: 30.05.19
ULR No: TC728319000001582F

		Discipline :	Group:Water	
		Chemical testing		
Test Report No:	863 /2019-20	Date of Issue:	30.05.19	
Sample ID:	VCW-863/05-19	Mode of Sample:	Satisfactory	
Main Source:	Bore	Source:	Treated Water of RO Plant	
Location:	Nr. Toil Naka, Chhani			
Village:	Vadodara	Habitation:	Vadodara	
Taluka:	Vadodara	District:	Vadodara	
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	4.10
2	Turbidity	NTU	APHA (23 rd Ed.2017), Method: 2130 B	1.48
3	pH at 25 ^o C	-	APHA (23 rd Ed.2017) Method: 4500 H ⁺ B	7.90
4	Conductivity at 25 ^o C	μS/cm	APHA (23 rd Ed.2017) Method: 2510 B	709
5	Total Dissolved Solids	mg/l	APHA (23 rd Ed.2017) Method: 2540 C	448
6	Total Hardness (as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2340 C	186
7	Calcium (as Ca ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500 Ca ⁺² B	26
8	Magnesium (as Mg ⁺²)	mg/l	APHA (23 rd Ed.2017) Method: 3500-Mg ⁺² B	30
9	Chloride (as Cl ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-Cl ⁻ B	80
10	Sulphate (as SO ₄ ⁻²)	mg/l	APHA (23 rd Ed.2017) Method: 4500-SO ₄ ⁻² E	42.08
11	Nitrate (as NO ₃ ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-NO ₃ ⁻ B	14.63
12	Fluoride (as F ⁻)	mg/l	APHA (23 rd Ed.2017) Method: 4500-F ⁻ C	0.50
13	Total Alkalinity (as CaCO ₃)	mg/l	APHA (23 rd Ed.2017) Method: 2320 B	210

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. The Test (Parameter) marked with an * is not accredited by NABL.
5. Please refer back page for IS 10500:2012 (2nd Revision) limits.

Checked By :

C.N. Pandya

Dy. Tech Manager/Chemist

Issued By:

C.S. Tuhari
Junior Scientific Assistant
Public Health Engg. Laboratory
Guj. Water Supplu & Sew. Board
VADODARA.

Name & Designation of
Authorized Signatory

O.W.No. PHEL/WTU/ 422 /of 2019, Dt. 03/06/2019.

End of the Test Report

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

Issued By: *[Signature]*
 Junior Scientific Assistant
 Public Health Engg. Laboratory
 Govt. Water Supply & Sew. Board
 VADODARA.
 Name & Designation of
 Authorized Signatory

Checked By: *[Signature]*
 Dy. Tech. Manager/Chemist