



SURAT MUNICIPAL CORPORATION
HYDRAULIC DEPARTMENT

Central Laboratory

Khatodara Water Distribution Station, Udhna Magdalla Road, Surat-395002

Source of Sample	: Countryside International School Managed by Shree Siddhanath Education Trust. At & Post: Malgama, Segvachhama Patiya, Barbodhan Road, Near Bhesan Railway Crossing, Surat. Treated Water		
Type of Sample	: Water		
Sample Collected by	: Party	Date & Time	: 31/8/2020 & 10:00 AM
Sample Received Date	: 31/8/2020	Sample ID	: 200831-P02
Sample Condition:	: -	Date of Analysis Start	: 31/8/2020
Type of Sampling	: Grab	Date of Completion	: 01/9/2020
Protocol	: Analysis	Sampling Method	: --

TEST REPORT

Sr. No.	Test	UNIT	Method	Limit as per IS 10500 - 2012		Results
				Acceptable	Permissible	
1	Turbidity	NTU	IS 3025 (Part 10) 1984 (Reaffirmed 2000)	1	5	0.44
2	pH Value	--	IS 3025 (Part 2) 1983 (Reaffirmed 2002)	6.5 to 8.5	-	6.60
3	Residual Chlorine	(mg/l)	IS 3025 (Part 26) 1986 (Reaffirmed 2009) & APHA 4500 Cl-G	0.2	1.0	<0.1
4	Total Dissolved Solids	mg/l	APHA 2540 C Standard Method (22nd edition)	500	2000	74
5	Ammonical Nitrogen as NH ₃ -N	mg/l	IS 3025 (Part 34) 1988 (Reaffirmed 2003)	0.5	-	< 0.1
6	Total Hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) 1983 (Reaffirmed 2009)	200	600	16
7	Alkalinity (as CaCO ₃)	mg/l	APHA 2320 B Standard Method (22nd edition)	200	600	13
8	Chloride (as Cl)	mg/l	APHA 4500 - Cl-B Standard Method (22nd edition)	250	1000	35
9	Sulphate (as SO ₄ ⁻²)	mg/l	APHA 4500 (SO ₄ ⁻²) E Standard Method (22nd edition)	200	400	6

Opinion:-

The result indicates that the sample water is **POTABLE** for the tested parameters

Rez
Jr. Chemist
CENTRAL LAB

N. H. Raval
01/09/2020
AUTHORIZED SIGNATORY
D. H. Raval
Environmental Engineer (TM)
CENTRAL LAB

[Signature]
Hydraulic Engineer
Surat Municipal Corporation

Note:

- Above results represents the analysis report pertaining to the sample analysed and does not represent or certify the entire quantity from where sample has been withdrawn.
- The Result shown in the test report may defer based on various factors including Temperature, Humidity, Pressure, Retention Time etc.
- The test report cannot be used as evidence in the court of law and reproduced in full or part without the approval of the Central laboratory, Hydraulic Department, Surat Municipal Corporation.
- Sample will be retained for a period of Seven (7) days following testing.

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

R. W. Mehta
Principal
Countryside International School