



**SURAT MUNICIPAL CORPORATION**  
**HYDRAULIC DEPARTMENT**

**Central Laboratory**

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

**Source of Sample** : L. P. Savani Vidhyabhavan.  
Nr. L. P. Savani Circle, Adajan.

<b>Type of Sample</b>	: Treated Water	<b>Date &amp; Time</b>	: 1/2/2024 & 10:30 AM
<b>Sample Collected by</b>	: Party	<b>Sample ID</b>	: 240201-P03
<b>Sample Received Date</b>	: 1/2/2024	<b>Date of Analysis Start</b>	: 1/2/2024
<b>Sample Condition:</b>	: -	<b>Date of Completion</b>	: 2/2/2024
<b>Type of Sampling</b>	: Grab	<b>Sampling Method</b>	: --
<b>Protocol</b>	: Analysis		

**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 2006)	1	5	0.58
2	pH Value	-	IS : 3025 (Part 2) 1983 (Reaffirmed 2002)	6.5 to 8.5	-	7.52
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	218
5	Ammonical Nitrogen as NH <sub>3</sub> -N	mg/l	IS : 3025 (Part 34) 1988 (Reaffirmed 2003)	0.5	-	< 0.1
6	Total Hardness (as CaCO <sub>3</sub> )	mg/l	IS : 3025 (Part 21) 1983 (Reaffirmed 2009)	200	600	107
7	Alkalinity (as CaCO <sub>3</sub> )	mg/l	APHA 2320 B Standard Method (22nd edition)	200	600	127
8	Chloride (as Cl)	mg/l	APHA 4500 - Cl -B Standard Method (22nd edition)	250	1000	41
9	Nitrate Nitrogen (as NO <sub>3</sub> )	mg/l	APHA 4500 - NO <sub>3</sub> -B Standard Method (22nd edition)	45	-	< 0.1
10	Colour	Pt. CO	APHA 2120 C Standard Method (22nd edition)	5	15	00

**Opinion:** - The result indicates that the sample water is **POTABLE** for the tested parameters.

*NSD*  
Jr. Chemist  
CENTRAL LAB

*Amph*  
Environment Engineer  
CENTRAL LAB

*bon*  
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pertaining to the sample analysed and does not represent or certify the entire quantity from where sample has been withdrawn.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-----