

San Antonio Testing Laboratory  
1610 S Laredo  
San Antonio TX, 78207-7029

Project: Breakroom Sink Example Water Quality Report

Project Number: [none]  
Project Manager: Marcela Hawk

**Reported:**  
08/30/22 14:58  
**Received:**  
08/18/22 16:38

<b>Report No. 2208338</b>
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Sample ID #: Tap Water

Sampling Method: Grab

Lab Sample ID #: 2208338-01

Sample Matrix: Drinking Water

Date/Time Collected: 08/18/22 16:30

Analyte	Result	Units	PQL	MCL	Prep Method	Batch	Analyzed	Method	Analyst	Notes
<b>Microbiological Parameters</b>										
Total Coliforms *	Absent	-					Start 08/18/22 17:10/End 08/19/22 17:11	Colilert	SG	
E. Coli *	Absent	-					Start 08/18/22 17:10/End 08/19/22 17:11	Colilert	SG	
<b>General Chemistry</b>										
Conductivity (@25C) *	574	umhos/cm	1.00	N.S.E.	SM2510B	B235142	08/19/22	SM2510B	JA	
Total Alkalinity	204	mg/L as CaCO3	20.0	N.S.E.	SM2320B	B234304	08/19/22	SM2320B	JA	
Total Dissolved Solids	281	mg/L	10.0	1000		B235143	08/19/22	Electrode	JA	
pH *	7.04	pH Units	0.01	6.5-8.5	SM4500HB	B235141	08/19/22	SM4500HB	JA	H
pH measured @Temperature >>	17	°C	0.10	-	SM4500HB	B235141	08/19/22	SM2550B	JA	H
<b>Anions by Ion Chromatography</b>										
Fluoride *	0.279	mg/L	0.020	4	EPA 300.0	B235136	08/19/22	EPA 300.0	SG	
Chloride *	27.9	mg/L	0.100	300	EPA 300.0	B235136	08/19/22	EPA 300.0	SG	
Nitrate as N *	1.45	mg/L	0.10	10	EPA 300.0	B235136	08/19/22	EPA 300.0	SG	
Sulfate *	29.1	mg/L	0.10	300	EPA 300.0	B235136	08/19/22	EPA 300.0	SG	
<b>Total Metals By ICP</b>										
Aluminum *	<0.050	mg/L	0.050	0.05-0.2	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	
Arsenic *	<0.010	mg/L	0.010	0.01	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	
Calcium	75.6	mg/L	1.00	N.S.E.	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	
Copper *	0.064	mg/L	0.010	1	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	
Iron *	<0.050	mg/L	0.050	0.3	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	
Lead *	<0.010	mg/L	0.010	0.015	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	
Magnesium *	16.0	mg/L	0.050	N.S.E.	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	
Manganese *	<0.010	mg/L	0.010	0.05	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	
Sodium *	13.6	mg/L	1.00	N.S.E.	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	
Zinc *	0.022	mg/L	0.010	5	EPA 200.7	B235186	08/23/22	EPA 200.7	JL	

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<b>Hardness as CaCO3 (Value more than 120 = Hard water)</b>										
Hardness	255	mg/L	0.050	N.S.E.	EPA 200.7	B235186	08/23/22	CALC	JL	

**Definitions and Notes**

All quality control samples and checks are within acceptance limits unless otherwise indicated.  
 Test results pertain only to those items tested.  
 All samples were in good condition when received by the laboratory unless otherwise noted.

- H This parameter should be analyzed within 15 minutes of sample collection. Due to transportation, hold time has been exceeded.
- PQL Practical Quantitation Limit
- MCL Maximum Contaminant Level
- F/NF Found / Not Found
- mg/Kg Milligrams per Kilogram (Parts per Million)
- mg/L Milligrams per Liter (Parts per Million)
- N.S.E No Standard Established
- PPM Parts per Million
- RMCL Recommended Maximum Concentration of Contaminants Level
- \* TNi / NELAC accredited analyte

Test Methods Standard Methods for the Examination of Water and Wastewater, 23rd Edition, 2017  
 Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79-020, Rev. March 1983  
 EPA SW Test Methods for the Examination of Solid Waste, SW-846, 1996