

WWW.FRESHNSS.COM
INFO@FRESHNSS.COM

Matrix: Drinking Water

Client: [REDACTED]

Sample [REDACTED]

Location: [REDACTED]

Report #: [REDACTED]

Date : 5/4/2023

This sample taken by [REDACTED] at 4:05 PM
on 4/30/2023. Point of collection: Kitchen

Foundation Water Test

<u>Analytes</u>	<u>Results</u>	<u>Description</u>	<u>EPA Limits</u>
<u>Bacteria</u>			
Total Coliform	N/A	Indicates Presence of Harmful Bacteria	0
E. Coli	N/A	Known to Cause Illness	0
Total Bacteria Count	>0 cfu/mL	Other Bacteria	500 cfu/mL
<u>Mineral Chemistry</u>			
Sodium	45.37 mg/L	A Component of Salt	No Limit
Potassium	2.91 mg/L	A Component of Salt	No Limit
Copper	Not Detected	Indicates Plumbing Corrosion	1.30 mg/L
Iron	Not Detected	Brown Stains, Bitter Taste	0.30 mg/L
Manganese	Not Detected	May Cause Black/ Laundry Staining	0.05 mg/L
Magnesium	1.94 mg/L	A Component of Hardness	No Limit
Calcium	12.31 mg/L	A Component of Hardness	No Limit
Arsenic (Total)	Not Detected	A Naturally Occurring Toxic Element	0.010 mg/L
Lead	Not Detected	A Toxic Metal, From Plumbing Components	0.015 mg/L
pH	7.96 SU	Acid/Basic Determination	6.5 - 8.5 SU
Turbidity	0.32 N.T.U.	Presence of Particles/Measure of Cloudiness	No Limit
Color	2 C.U.	Clarity (0), Discoloration (15)	15.0 C.U.
Odor	Absent	Odor May Be Due To Bacteria Contamination	3.0 T.O.N.
Conductivity	337.0 umhos	Electrical Resistance (umhos/cm)	No Limit
T.D.S.	202.2 mg/L	Total Dissolved Minerals Present	500.0 mg/L
Sediment	Absent	Undissolved Solids	Present
Alkalinity	67.5 mg/L	Ability to Neutralize Acid	No Limit
Chlorine	2.03 mg/L	A Disinfectant Byproduct	4.0 mg/L
Chloride	20.05 mg/L	A Component of Salt	250.0 mg/L
Hardness	38.7 mg/L	75 or Higher is Considered Hard	No Limit
Nitrate as Nitrogen	0.40 mg/L	Indicator of Biological Waste	10.0 mg/L
Nitrite as Nitrogen	Not Detected	Indicator of Waste	1.0 mg/L
Ammonia as Nitrogen	Not Detected	Indicator of Waste	No Limit
Sulfate	51.00 mg/L	A Mineral, Can Cause Odor	250.0 mg/L
Fluoride	1.22 mg/L	Naturally Occuring or Added By Municipalities	4.0 mg/L
Silica	5.85 mg/L	A Hard, Unreactive, Colorless Compound	No Limit
<u>Radiochemistry</u>			
Radon in Water	Not Detected	Massachusetts D.E.P. Guideline - 10,000 pCi/L	No Limit

The integrity of the sample and results are dependent on the quality of sampling. The results apply only to the actual sample tested. Environmental Testing and Research Laboratories shall be held harmless from any liability arising out of the use of such results. Not all analyses were conducted in accordance with Massachusetts Department of Environmental Protection certification standards.

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Basic Water Test

<u>Analytes</u>	<u>Results</u>	<u>Description</u>	<u>EPA Limits</u>
<u>Heavy Metals</u>			
Antimony	Not Detected	A Toxic Metal if Exposed to High Amounts	0.006 mg/L
Aluminum	0.02 mg/L	A Toxic Metal if Exposed to High Amounts	0.05-0.20 mg/L
Barium	0.02 mg/L	A Toxic Metal if Exposed to High Amounts	2.0 mg/L
Beryllium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.004 mg/L
Boron	0.22 mg/L	A Toxic Metal if Exposed to High Amounts	-
Cadmium	Not Detected	A Toxic Metal	0.005 mg/L
Chromium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.100 mg/L
Mercury	Not Detected	A Toxic Metal if Exposed to High Amounts	0.002 mg/L
Nickel	Not Detected	A Toxic Metal if Exposed to High Amounts	0.100 mg/L
Selenium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.050 mg/L
Silver	Not Detected	A Toxic Metal if Exposed to High Amounts	0.100 mg/L
Thallium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.002 mg/L
Zinc	0.08 mg/L	A Toxic Metal if Exposed to High Amounts	5.0 mg/L
Strontium	0.04 mg/L	A Toxic Metal if Exposed to High Amounts	-
Lithium	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Tin	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Molybdenum	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Cerium	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Titanium	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Vanadium	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Cobalt	Not Detected	A Toxic Metal if Exposed to High Amounts	-
Uranium	Not Detected	A Toxic Metal if Exposed to High Amounts	0.030 mg/L
<u>Other Parameters</u>			
T. Phosphorus	0.29 mg/L	A Naturally Occurring Element	-

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