

Matrix: Well Water

Client: Gary Richtmyer

Sample Location: La Cieneguita

San Miguel de Allende, GTO Mexico 37700

This sample taken by . at on 3/10/2004. . Point of collection: Well (Hot)

Same as Client

Health Scan Report

**Public Drinking Water
EPA Limits**

	<u>Results</u>		<u>Public Drinking Water EPA Limits</u>
<u>General Bacteria</u>			
Total Coliform	Absent	Animal or Vegetational Bacteria	
Fecal/E. Coli	Absent	Animal Bacteria	
<u>General Chemistry</u>			
Sodium	72.4 mg/L	20.0 mg/L is Mass. DEP Guideline	250.0 mg/L
Potassium	6.4 mg/L	A Component of Salt	No Limit
Copper	0.01 mg/L	Indicates Plumbing Corrosion	1.30 mg/L
Iron	Not Detected	Brown Stains, Bitter Taste	0.30 mg/L
Manganese	Not Detected	May Cause Laundry Staining	0.05 mg/L
Magnesium	0.79 mg/L	A Component of Hardness	No Limit
Calcium	26.1 mg/L	A Component of Hardness	No Limit
Arsenic	Not Detected	Limits regulated by Local BOH	mg/L
Lead	Not Detected	A Toxic Metal	0.015 mg/L
pH	7.04 SU	Acid/Basic Determination	6.5 - 8.5 SU
Turbidity	0.20 N.T.U.	Presence of Particles	No Limit
Color	Not Detected	Clarity (0), Discoloration (15)	15.0 C.U.
Odor	Not Detected	Odor due to Contamination	3.0 T.O.N.
Conductivity	479.0 umhos	Electrical Resistance (umhos/cm)	No Limit
T.D.S.	287.4 mg/L	Total Dissolved Minerals Present	500.0 mg/L
Sediment	Absent	Undissolved Solids	Present
Alkalinity	60.0 mg/L	Ability to Neutralize acid	No Limit
Chlorine	Not Detected	A Disinfectant	No Limit
Chloride	3.3 mg/L	A component of salt	250.0 mg/L
Hardness	68.4 mg/L	0 - 75 is considered soft	No Limit
Nitrate	0.44 mg/L	Indicator of Biological Waste	10.0 mg/L
Nitrite	Not Detected	Indicator of Waste	1.0 mg/L
Ammonia	Not Detected	Indicator of Waste	No Limit
Sulfate	11.8 mg/L	A Mineral, Can Cause Odor	250.0 mg/L
<u>Organic Analysis</u>			
Benzene	Not Detected		5.0 ug/L
Bromobenzene	Not Detected		No Limit
Bromochloromethane	Not Detected		No Limit
Bromodichloromethane	Not Detected		No Limit
Bromoform	Not Detected		No Limit
Bromomethane	Not Detected		No Limit
n-Butylbenzene	Not Detected		No Limit
sec-Butylbenzene	Not Detected		No Limit

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tert-Butylbenzene	Not Detected	No Limit
Carbon-Tetrachloride	Not Detected	5.0
Chlorodibromomethane	Not Detected	No Limit
Chloroethane	Not Detected	No Limit
Chloroform	Not Detected	No Limit
Chloromethane	Not Detected	No Limit
1,2-Chlorotoluene	Not Detected	No Limit
1,4-Chlorotoluene	Not Detected	No Limit
1,2-Dibromo-3-chloropropane	Not Detected	No Limit
Dibromomethane	Not Detected	No Limit
1,2-Dibromomethane	Not Detected	No Limit
1,3-Dichlorobenzene	Not Detected	No Limit
1,2-Dichlorobenzene	Not Detected	600.0 ug/L
1,4-Dichlorobenzene	Not Detected	5.0 ug/L
Dichlorodifluoromethane	Not Detected	No Limit
1,1-Dichloroethane	Not Detected	No Limit
1,2-Dichloroethane	Not Detected	5.0 ug/L
1,1-Dichloroethylene	Not Detected	7.0 ug/L
cis-1,2-Dichloroethene	Not Detected	70.0 ug/L
trans-1,2-dichloroethene	Not Detected	100.0 ug/L
1,2-Dichloropropane	Not Detected	5.0 ug/L
1,3-Dichloropropane	Not Detected	No Limit
2,2-Dichloropropane	Not Detected	No Limit
1,1-Dichloropropene	Not Detected	No Limit
1,3-Dichloropropene	Not Detected	No Limit
trans-1,3-Dichloropropene	Not Detected	No Limit
Ethylbenzene	Not Detected	700.0 ug/L
Fluorotrichloromethane	Not Detected	No Limit
Hexachlorobutadiene	Not Detected	No Limit
Isopropylbenzene	Not Detected	No Limit
Methyl-t-Butyl Ether (MTBE)	Not Detected	Massachusetts DEP Limit 70 ug/L
p-Isopropyltoluene	Not Detected	ug/L
Methylene Chloride	Not Detected	5.0
Monochlorobenzene	Not Detected	100.0 ug/L
Napthalene	Not Detected	No Limit
n-Propylbenzene	Not Detected	No Limit
Styrene	Not Detected	100.0 ug/L
1,1,1,2-Tetrachloroethane	Not Detected	No Limit
1,1,1,2,2-Tetrachloroethane	Not Detected	No Limit

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Tetrachloroethylene	Not Detected		5.0 ug/L
Toluene	Not Detected		1000.0 ug/L
1,2,3-Trichlorobenzene	Not Detected		No Limit
1,2,4-Trichlorobenzene	Not Detected		70.0 ug/L
1,1,1-Trichloroethane	Not Detected		200.0 ug/L
1,1,2-Trichloroethane	Not Detected		5.0 ug/L
Trichloroethylene	Not Detected		5.0 ug/l
1,2,3-Trichloropropane	Not Detected		No Limit
1,2,4-Trimethylbenzene	Not Detected		No Limit
1,3,5-Trimethylbenzene	Not Detected		No Limit
Vinyl Chloride	Not Detected		2.0 ug/L
o-Xylene	Not Detected		Total Xylenes 10
m+p Xylenes	Not Detected		Total Xylenes 10
 <u>Radiological Analysis</u>			
Radon in Water	Not Detected	Massachusetts D.E.P. Guideline	10,000 pCi/L

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