

Bottled Water Quality Report – 2019
 Superior NMW
 DBA Superior Waters
 601 Fair Ave.
 Marenisco, MI 49947



Superior Waters manufacturers Natural Mineral Water that meets all federal and state health standards. FDA regulates bottled water as a food product and provides Standards of Quality (SOQ) for bottled water that are similar to the EPA standards known as Maximum Contaminant Levels (MCL) used for tap water.

Water Testing Laboratory

While Superior Waters performs many tests per day to demonstrate conformance to the standards, we use only certified third parties that have passed the rigor of international certification ISO 17025 to demonstrate the comprehensive quality testing required of our water in our annual reports.

Water Analysis (Mineral waters have exemption where SOQ does not relate to health concern)

	Result in mg/L	FDA Standard of Quality (SOQ) in mg/L	California MCL where different from FDA SOQ
Chloride (mineral water exempt)	340	250	
Iron (mineral water exempt)	ND	0.3	
Manganese (mineral water exempt)	ND	0.05	
Zinc (mineral water exempt)	ND	5.0	
Total Dissolved Solids (mineral water exempt)	830	500	
Sulfate (mineral water exempt)	13	250	
Phenols	ND	0.001	
Fluoride	ND	1.8	2
Bicarbonate	180		
Inorganic Substances			
Arsenic	ND	0.01	
Antimony	ND	0.006	
Asbestos	ND		7 MFL
Barium	0.1	2	1
Beryllium	ND	0.004	
Cadmium	ND	0.005	
Chromium	ND	0.1	0.05
Copper	0.0027	1	1.3
Cyanide	ND	0.2	0.15
Lead	ND	0.005	0.015
Mercury	ND	0.002	
Nickel	ND	0.1	
Nitrate as Nitrogen	0.75	10	
Nitrite as Nitrogen	ND	1	
Total Nitrate and Nitrite as Nitrogen	0.75	10	
Selenium	ND	0.05	
Thallium	ND	0.002	
Volatile Organic Chemicals (VOC)			
	Result in mg/L	FDA Standard of Quality (SOQ) in mg/L	California MCL where different from FDA SOQ
Benzene (71-43-2)	ND	0.005	0.001

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Carbon tetrachloride (56-23-5)	ND	0.005	0.0005
o-Dichlorobenzene (95-50-1) (1,2-Dichlorobenzene)	ND	0.6	
p- Dichlorobenzene (106-46-7) (1,4-Dichlorobenzene)	ND	0.075	0.005
1,1-Dichloroethane	ND		0.005
1,2-Dichloroethane (107-06-2)	ND	0.005	
1,1-Dichloroethylene (75-35-4)	ND	0.007	0.006
cis-1,2-Dichloroethylene (156-59-2)	ND	0.07	0.006
Trans-1,2-Dichloroethylene (156-60-5)	ND	0.1	0.01
Dichloromethane (75-09-2)	ND	0.005	
1,3-Dichloropropene	ND		0.0005
1,2-Dichloropropane (78-87-5)	ND	0.005	
Ethylbenzene (100-41-4)	ND	0.7	0.3
Methyl-tert-butyl ether (MTBE)	ND		0.013
Monochlorobenzene (108-90-7), Chlorobenzene	ND	0.1	0.07
Styrene (100-42-5)	ND	0.1	
Tetrachloroethylene (127-18-4)	ND	0.005	
Toluene (108-88-3)	ND	1	0.15
1,2,4-Trichlorobenzene (120-82-1)	ND	0.07	0.005
1,1,1-Trichloroethane (71-55-6)	ND	0.2	
1,1,2-Trichloroethane (79-00-5)	ND	0.005	
1,1,2,2-Tetrachloroethane	ND		0.001
Trichloroethylene (79-01-6)	ND	0.005	
Trichlorofluoromethane (Freon 11)	ND		0.15
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	ND		1.2
Vinyl chloride (75-01-4)	ND	0.002	0.0005
Xylenes (1330-20-7)	ND	10	1.75
Pesticides and other Synthetic Organic Chemicals (SOC)	Result in mg/L	FDA Standard of Quality (SOQ) in mg/L	California MCL where different from FDA SOQ
Alachlor (15972-60-8)	ND	0.002	
Atrazine (1912-24-9)	ND	0.003	0.001
Bentazon	ND		0.018
Benzo (a) pyrene (50-32-8)	ND	0.0002	
Carbofuran (1563-66-2)	ND	0.04	0.018
Chlordane (57-74-9)	ND	0.002	0.0001
Dalapon (75-99-0)	ND	0.2	
1,2-Dibromo-3-chloropropane (96-12-8) Dibromochloropropane DBCP	ND	0.0002	0.0002
2,4-D (94-75-7)	ND	0.07	
Di (2-ethylhexyl) adipate (103-23-1)	ND	0.4	
Di (2-ethylhexyl) phthalate (117-81-7) DEHP	ND	0.006	0.004

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Dinoseb (88-85-7)	ND	0.007	
Diquat (85-00-7)	ND	0.02	
Endothall (145-73-3)	ND	0.1	
Endrin (72-20-8)	ND	0.002	
Ethylene dibromide (106-93-4) EDB	ND	0.00005	
Glyphosate (1071-53-6)	ND	0.7	
Heptachlor (76-44-8)	ND	0.0004	0.00001
Heptachlor epoxide (1024-57-3)	ND	0.0002	0.00001
Hexachlorobenzene (118-74-4)	ND	0.001	
Hexachlorocyclopentadiene (77-47-4)	ND	0.05	
Lindane (58-89-9)	ND	0.0002	
Methoxychlor (72-43-5)	ND	0.04	0.03
Molinate	ND		0.02
Oxamyl (23135-22-0)	ND	0.2	0.05
Pentachlorophenol (87-86-5)	ND	0.001	
PCB's (as decachlorobiphenyl) (1336-36-3)	ND	0.0005	
Picloram (1918-02-1)	ND	0.5	
Simazine (122-34-9)	ND	0.004	
2,3,7,8-TCDD (Dioxin) (1746-01-6)	ND	0.00000003	
Thiobencarb	ND		0.001
Toxaphene (8001-35-2)	ND	0.003	
2,4,5-TP (Silvex) (93-72-1)	ND	0.05	
Secondary Chemicals	Result in mg/L	FDA Maximum Contaminant Level MCL	California MCL where different from FDA SOQ
Aluminum	ND	0.2	
Silver	ND	0.1	
Disinfection byproducts	Result in mg/L	FDA Standard of Quality (SOQ) in mg/L	California MCL where different from FDA SOQ
Bromate	ND	0.01	
Chlorite	ND	1	
Haloacetic acids (five) (HAA5)	ND	0.06	
Total Trihalomethanes (TTHM)	ND	0.08	
Residual disinfectants	Result in mg/L	FDA Standard of Quality (SOQ) in mg/L	California MCL where different from FDA SOQ
Chloramine (as Cl ₂)	ND	4	
Chlorine (as Cl ₂)	ND	4	
Chlorine dioxide (as Cl ₂)	ND	0.8	



Microbiological	Result in cfu/100 mL	FDA Standard of Quality (SOQ) in cfu/100 mL	California MCL where different from FDA SOQ
Coliform	Negative	Negative	
E.coli	Negative	Negative	
Radiological	Result	FDA Standard of Quality SOQ specified units	California MCL where different from FDA SOQ
Radium 226 and 228	ND	5 pCi/L	
Gross alpha particle	9.4	15 pCi/L	
Gross beta particle	18	50 pCi/L	
Uranium	0.013 mg/L	0.03 mg/L	

California law requires a reference to FDA’s website for recalls:

<http://www.fda.gov/opacom/7alerts.html>

Our product has been thoroughly tested in accordance with Federal, California and International law. Our bottled water is a food product and cannot be sold in California unless it meets the standards established by the U.S. Food and Drug Administration and the California Department of Public Health. The following statements are required under California law:

"Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the United States Food and Drug Administration, Food and Cosmetic Hotline (1-888-723-3366)."

""Some persons may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, including, but not limited to, persons with cancer who are undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or other immune system disorders, some elderly persons, and infants can be particularly at risk from infections. These persons should seek advice about drinking water from their health care providers. The United States Environmental Protection Agency and the Centers for Disease Control and Prevention guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791)."

"The sources of bottled water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water naturally travels over the surface of the land or through the ground, it can pick up naturally occurring substances as well as substances that are present due to animal and human activity.

Substances that may be present in the source water include any of the following:

- (1) Inorganic substances, including, but not limited to, salts, metals, that can be naturally occurring or result from farming, urban storm water runoff, industrial or domestic wastewater discharges, or oil and gas production.*
- (2) Pesticides and herbicides that may come from a variety of sources, including, but not limited to, agriculture, urban storm water runoff, and residential uses.*
- (3) Organic substances that are byproducts of industrial processes and petroleum production and can also come from gas stations, urban storm water runoff, agricultural application, and septic systems.*
- (4) Microbial organisms that may come from wildlife, agricultural livestock operations, sewage treatment plants, and septic systems.*

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(5) Substances with radioactive properties that can be naturally occurring or be the result of oil and gas production and mining activities."

"In order to ensure that bottled water is safe to drink, the United States Food and Drug Administration and the State Department of Public Health prescribe regulations that limit the quantity of certain contaminants in water provided by bottled water companies."

TERMINOLOGY

Statement of Quality (SOQ) – The standard (statement) of quality for bottled water is the highest level of a contaminant that is allowed in a container of bottled water, as established by the United States Food and Drug Administration (FDA) and the California Department of Health. The standards must not be exceeded the standards for public drinking water established by the Environmental Protection Agency (EPA) or the California Department of Public Health.

Maximum Contaminant Level (MCL) - The highest level of a contaminant that is allowed in drinking water, established by the Environmental Protection Agency (EPA) or the California Department of Public Health. The maximum levels of first order pollutants are established close to public health objectives that are economically and technologically viable.

