

2017 BOTTLED WATER QUALITY REPORT
Alpine Fresh USA

Bottler's Name: Alpine Fresh USA

Address: 2020 S. Hathaway St., Bldg. A; Santa Ana, CA 92705

Telephone Number: 714-662-5333

Source(s): Municipal Water; City of Santa Ana; 220 S. Daisy Avenue; Bldg. A; Santa Ana, CA 92703

Treatment process: Softening, Carbon Filtration, Micron Filtration, Purified by Reverse Osmosis, Ozonation

DEFINITIONS:

- **Statement of quality:** The quality standards of bottled water provide the maximum legal limits for a variety of substances that are allowed in bottled water, along with their monitoring requirements. The substances include microbiological contaminants, pesticides, inorganic contaminants, organic contaminants, radiological contaminants, and others. The standards have been established by the United States Food and Drug Administration (FDA), based on the public drinking water standards of the United States Environmental Protection Agency (USEPA). CDPH adopts the FDA regulations pertinent to the quality standards of bottled water.
- **Maximum contaminant level (MCL):** MCL is the maximum level of a contaminant allowed in public drinking water.
- **Primary drinking water standards (PDWS):** PDWS are set to provide the maximum feasible protection to public health. The goal of setting PDWS is to identify MCLs, along with their monitoring and reporting requirements, which prevent adverse health effects. PDWS are established as close to the public health goal (PHG) or the maximum contaminant level goal (MCLG) as is economically and technologically feasible.
- **Public health goal (PHG):** PHG is the level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

SOURCE WATER:

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

CONTAMINANTS IN WATER:

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). 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 laws and regulations that limit the amount of certain contaminants in water provided by bottled water companies.

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).

INFORMATION on PRODUCT RECALLS:

If you would like to know whether a particular bottled water product has been recalled or is being recalled, please visit the FDA's website <http://www.fda.gov/opacom/7alerts.html>.

NOTE: "M" indicates that maximum levels have been exceeded, or in the case of pH, is either too high or too low
 "ND" indicates that none of this analyte has been detected at or above the specified detection level
 "MCL" indicates maximum contaminant level as established by EPA and/or FDA or state
 "RL" indicates laboratory reporting limit for method

ANALYSIS PERFORMED	MCL ¹ (mg/L)	RL (mg/L)	Alpine Fresh USA (mg/L)
Primary Inorganics			
Antimony	0.006	0.0020	ND
Arsenic	0.010	0.0020	ND
Barium	2	0.010	ND
Beryllium	0.004	0.0010	ND
Cadmium	0.005	0.0010	ND
Chromium	0.1	0.0010	ND
Cyanide	0.2	0.0050	ND
Fluoride	See endnote ²	0.050	ND
Lead	0.005	0.0010	ND
Mercury	0.002	0.00020	ND
Nickel	0.1	0.010	ND
Nitrogen, Nitrate	10	0.10	0.12
Nitrogen, Nitrite	1.0	0.050	0.020
Selenium	0.05	0.0020	ND
Thallium	0.002	0.0010	ND
Secondary Inorganics			
Aluminum	0.2	0.050	ND
Chloride	250 ⁱⁱⁱ	0.50	0.87
Copper	1	0.010	ND
Iron	0.3 ⁱⁱⁱ	0.050	ND
Manganese	0.05 ⁱⁱⁱ	0.010	ND
Phenol	0.001	0.001	ND
Silver	0.1	0.010	ND
Sulfate	250 ⁱⁱⁱ	1.0	0.57
TDS	500 ⁱⁱⁱ	2.5	2.5
Zinc	5 ⁱⁱⁱ	0.050	0.0019
Physical			
Color	15 ⁱⁱ CU	1.0	2.0
Odor	3 ⁱⁱ TON	10	1.0
Turbidity	5 NTU	0.10	0.14
Microbiological			
Total Coliform	Absence		ND
Standard Plate Count	-- cfu/mL		ND
Radiologicals			
Gross Alpha	15 pCi/L	0.58	-0.42(+/- 0.352)
Gross Beta	50 pCi/L	0.769	0.769(+/- 0.469)
Radium 226/228	5 pCi/L	0.769	0.264(+/- 0.357)
Uranium	30 ug/L		ND

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	Alpine Fresh USA (mg/L)
Volatile Organic Compounds			
Total Trihalomethanes	0.010 ^w	0.00050	0.010
Benzene	0.005	0.00050	ND
Carbon tetrachloride	0.005	0.00050	ND
Chlorobenzene	0.1	0.00050	ND
1,2-Dichlorobenzene	0.6	0.00050	ND
1,4-Dichlorobenzene	0.075	0.00050	ND
1,2-Dichloroethane	0.005	0.00050	ND
1,1-Dichloroethane	0.007	0.00050	ND
cis-1,2-Dichloroethene	0.07	0.00050	ND
trans-1,2-Dichloroethene	0.1	0.00050	ND
1,2-Dichloropropane	0.005	0.00050	ND
Ethylbenzene	0.7	0.00050	ND
Methylene chloride	0.005	0.00050	ND
Styrene	0.1	0.00050	ND
Tetrachloroethene	0.005	0.00050	ND
Toluene	1	0.00050	ND
1,2,4-Trichlorobenzene	0.07	0.00050	ND
1,1,1-Trichloroethane	0.20	0.00050	ND
1,1,2-Trichloroethane	0.005	0.00050	ND
Trichloroethene	0.005	0.00050	ND
Vinyl chloride	0.002	0.00050	ND
Total Xylenes	10	0.00050	ND
Add'l Organics			
Ethylene Dibromide	0.00005	0.000010	ND
Dibromochloropropane	0.0002	0.000010	ND
Alachlor	0.002	0.00010	ND
Atrazine	0.003	0.00030	ND
Chlordane	0.002	0.00010	ND
Endrin	0.002	0.0000050	ND
Heptachlor	0.0004	0.0000050	ND
Heptachlor epoxide	0.0002	0.0000050	ND
Hexachlorobenzene	0.001	0.00020	ND
Hexachlorocyclopentadiene	0.05	0.0010	ND
Lindane	0.0002	0.0000050	ND
Methoxychlor	0.04	0.0000050	ND
Total PCBs	0.0005	0.00020	ND
Simazine	0.004	0.00030	ND
Toxaphene	0.003	0.0010	ND
2,4-D	0.07	0.00040	ND
Dalapon	0.2	0.0050	ND
Dinoseb	0.007	0.00020	ND
Pentachlorophenol	0.001	0.000050	ND
Picloram	0.5	0.000050	ND
2,4,5-TP (Silvex)	0.05	0.000070	ND

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	Alpine Fresh USA (mg/L)
Benzo(a)pyrene	0.0002	0.00010	ND
Di(2-ethylhexyl)adipate	0.4	0.0010	ND
Di(2-ethylhexyl)phthalate	0.006		ND
Carbofuran	0.04	0.050	ND
Oxamyl (VYDATE)	0.2	0.020	ND
Glyphosate	0.7	0.025	ND
Endothall	0.1	0.0020	ND
Diquat	0.02	0.0040	ND
2,3,7,8-TCDD (DIOXIN)	3x10-8	0.161 pg/L	ND
Disinfection Byproducts			
Bromate	0.010	0.0010	ND
Chlorite	1.0	0.0050	ND
Haloacetic Acids, Total	0.060	0.0010	ND
Total Trihalomethanes	0.010	0.0020	0.010
Residual Disinfectants			
Residual Chlorine, Total	4.0	0.10	ND
Chloramines	4.0	0.10	ND
Chlorine Dioxide	0.8	0.20	ND

EPA approved methods were used in all of the analyses and a listing is available upon request.

¹ The EPA, some State agencies and/or the IBWA may have established alternate MCLs for some of these analytes. Please refer to Federal, State and Industry codes.

² Fluoride MCL is determined by annual average of maximum daily air temperatures where the bottled water is sold. Refer to tables found in 21 CFR 165.

³ Mineral water is exempt from allowable level. The exemptions are aesthetically based allowable levels and do not relate to a health concern.

⁴ The FDA has established the MCL for THMs at 0.080 mg/L.