Premium Waters, Inc.
bottled water solutions

2017 Bottled Water Quality Report

Purified Water

Source(s): Municipal Supply

Address: Riverside, MO 64150

Telephone Number: 1-877-224-8392 Ext. 5028

Treatment Process: Reverse Osmosis, Micro Filtration, Ozonation

This report contains very important information about our bottled water product(s). Translate it or talk to someone who understands it well.

We test our bottled water quality for many constituents as required by state and federal regulations. Please review the following Terms and Definitions to further your understanding of this bottled water report.

TERMS AND DEFINITIONS

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 U.S. Food and Drug Administration (USFDA) and the California Department of Public Health. The standards can be no less protective of public health than the standards for public drinking water, established by the U.S. Environmental Protection Agency (USEPA) 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 USEPA or the California Department of Public Health. Primary MCLs are set as close to the PHGs as is economically and technologically feasible.

Public Health Goal (PHG): 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

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Statements Required by California Law

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 and California law. Our bottled water is a food product and cannot be sold 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 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."*

"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 amount of certain contaminants in water provided by bottled water companies."

Testing Parameter	Result	FDA SOQ	Units
Physical Quality			
Alkalinity as CaCO3	ND		mg/LCaCO3
Color	ND	15	Color unit
Specific Conductance	2.2		umhos/cm
Corrosivity	-6.0		
Hardness, Total	ND		mg/LCaCO3
Odor, Threshold	2.0	3	TON
Solids Total Dissolved	ND	500	mg/L
Turbidity	ND	5	NTU
pH	5.7		
Bicarbonate	ND		mg/L HCO3
Disinfection Residuals/Disinfection By-Products			
Bromate	ND	10	ug/L
Chloramine, Total	ND	4	mg/L
Dichloramine	ND		mg/L
Monochloramine	ND		mg/L
Nitrogen Trichloride	ND		mg/L
Chlorite	ND	1000	ug/L
Chlorine Dioxide	ND	0.8	mg/L
Total Haloacetic Acid	ND	60	ug/L
Bromochloroacetic Acid	ND		ug/L
Dibromoacetic Acid	ND		ug/L
Dichloroacetic Acid	ND		ug/L
Monobromoacetic Acid	ND		ug/L
Monochloroacetic Acid	ND		ug/L
Trichloroacetic Acid	ND		ug/L
Chlorine, Total Residual	ND	4	mg/L
Radiologicals			
P1 Gross Alpha	ND	15	pCi/L
P1 Gross Beta	ND	50	pCi/L
Radium 226	ND		pCi/L
Radium 228	ND		pCi/L
Radium-226, Radium-228 Combined	ND	5	pCi/L
Uranium	ND	0.03	mg/L
Inorganic Chemicals			
Aluminum	ND	0.2	mg/L
Antimony	ND	0.006	mg/L
Arsenic	ND	0.01	mg/L
Asbestos in Water			
Amphibole Fibers	ND		MFL
Chrysotile Fibers	ND		MFL
Single Fiber Detection Limit	ND		MFL
Barium	ND	2	mg/L
Beryllium	ND	0.004	mg/L
Bromide	ND		ug/L
Cadmium	ND	0.005	mg/L
Calcium			mg/L

Testing Parameter	Result	FDA SOQ	Units
Inorganic Chemicals			
Chloride	ND	250	mg/L
Chromium (includes Hexavalent Chromium)	ND	0.1	mg/L
Copper	ND	1	mg/L
Cyanide, Total	ND	0.2	mg/L
Fluoride	ND	2.4	mg/L
Iron	ND	0.3	mg/L
Lead	ND	0.005	mg/L
Magnesium	ND		mg/L
Manganese	ND	0.05	mg/L
Mercury	ND	0.002	mg/L
Nickel	ND	0.1	mg/L
Nitrogen, Nitrate	ND	10	mg/L N
Nitrogen, Nitrite	ND	1	mg/L N
Total Nitrate + Nitrite-Nitrogen	ND	10	mg/L
Potassium	ND		mg/L
Selenium	ND	0.05	mg/L
Silver	ND	0.1	mg/L
Sodium	ND		mg/L
Sulfate as SO4	ND	250	mg/L
Surfactants (MBAS)	ND		mg/L
Thallium	ND	0.002	mg/L
Phenolics	ND	0.001	mg/L
Zinc	ND	5	mg/L
Organic Chemicals			
Diquat	ND	20	ug/L
Endothall	ND	100	ug/L
Glyphosate	ND	700	ug/L
Perchlorate	ND		ug/L
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND	30	pg/L
Carbamate Pesticides			
3-Hydroxycarbofuran	ND		ug/L
Aldicarb	ND		ug/L
Aldicarb sulfone	ND		ug/L
Aldicarb sulfoxide	ND		ug/L
Carbaryl	ND		ug/L
Carbofuran	ND	40	ug/L
Methomyl	ND		ug/L
Oxamyl	ND	200	ug/L
Herbicides			
2,4,5-TP	ND	50	ug/L
2,4-D	ND	70	ug/L
Bentazon	ND		ug/L
Dalapon	ND	200	ug/L
DCPA Acid Metabolites	ND		ug/L
Dicamba	ND		ug/L
Dinoseb	ND	7	ug/L

Testing Parameter	Result	FDA SOQ	Units
Organic Chemicals			
Pentachlorophenol	ND	1	ug/L
Picloram	ND	500	ug/L
Multicomponent Pesticides and PCBs			
Chlordane	ND	2	ug/L
PCB 1016	ND	0.5	ug/L
PCB 1221	ND	0.5	ug/L
PCB 1232	ND	0.5	ug/L
PCB 1242	ND	0.5	ug/L
PCB 1248	ND	0.5	ug/L
PCB 1254	ND	0.5	ug/L
PCB 1260	ND	0.5	ug/L
Total PCBs	ND	0.5	ug/L
Toxaphene	ND	3	ug/L
Semivolatile Organic Compounds			
2,4 Dinitrotoluene	ND		ug/L
2,6-Dinitrotoluene	ND		ug/L
Alachlor	ND	2	ug/L
Aldrin	ND		ug/L
Atrazine	ND	3	ug/L
Benzo(a)Pyrene	ND	0.2	ug/L
bis(2-Ethylhexyl)adipate	ND	400	ug/L
bis(2-Ethylhexyl)phthalate (DEHP)	ND	6	ug/L
Butachlor	ND		ug/L
Butylbenzylphthalate	ND		ug/L
Di-n-butylphthalate	ND		ug/L
Dieldrin	ND		ug/L
Diethylphthalate	ND		ug/L
Dimethylphthalate	ND		ug/L
Endrin	ND	2	ug/L
EPTC	ND		ug/L
Heptachlor	ND	0.4	ug/L
Heptachlor Epoxide	ND	0.2	ug/L
Hexachlorobenzene	ND	1	ug/L
Hexachlorocyclopentadiene	ND	50	ug/L
Lindane	ND	0.2	ug/L
Methoxychlor	ND	40	ug/L
Metolachlor	ND		ug/L
Metribuzin	ND		ug/L
Molinate	ND		ug/L
p,p'-DDE (4,4'-DDE)	ND		ug/L
Propachlor	ND		ug/L
Simazine	ND	4	ug/L
Terbacil	ND		ug/L
Volatiles: EDB and DBCP			
1,2-Dibromo-3-Chloropropane (DBCP)	ND	0.2	ug/L
Ethylene Dibromide (EDB)	ND	0.05	ug/L

Testing Parameter	Result	FDA SOQ	Units
Organic Chemicals			
Volatiles: Regulated and Monitoring VOC's			
1,1,1,2-Tetrachloroethane	ND		ug/L
1,1,1-Trichloroethane	ND	200	ug/L
1,1,2,2-Tetrachloroethane	ND		ug/L
1,1,2-Trichloroethane	ND	5	ug/L
1,1-Dichloroethane	ND		ug/L
1,1-Dichloroethylene	ND	7	ug/L
1,1-Dichloropropene	ND		ug/L
1,2,3-Trichlorobenzene	ND		ug/L
1,2,3-Trichloropropane	ND		ug/L
1,2,3-Trimethylbenzene	ND		ug/L
1,2,4-Trichlorobenzene	ND	70	ug/L
1,2,4-Trimethylbenzene	ND		ug/L
1,2-Dichlorobenzene	ND	600	ug/L
1,2-Dichloroethane	ND	5	ug/L
1,2-Dichloropropane	ND	5	ug/L
1,3,5-Trimethylbenzene	ND		ug/L
1,3-Dichlorobenzene	ND		ug/L
1,3-Dichloropropane	ND		ug/L
1,4-Dichlorobenzene	ND	75	ug/L
2,2-Dichloropropane	ND		ug/L
2-Chlorotoluene	ND		ug/L
4-Chlorotoluene	ND		ug/L
Benzene	ND	5	ug/L
Bromobenzene	ND		ug/L
Bromochloromethane	ND		ug/L
Bromodichloromethane	ND		ug/L
Bromoform	ND		ug/L
Bromomethane	ND		ug/L
Carbon Tetrachloride	ND	5	ug/L
Chlorobenzene	ND	100	ug/L
Chlorodibromomethane	ND		ug/L
Chloroethane	ND		ug/L
Chloroform	ND		ug/L
Chloromethane	ND		ug/L
cis-1,2-Dichloroethylene	ND	70	ug/L
cis-1,3-Dichloropropene	ND		ug/L
Dibromomethane	ND		ug/L
Dichlorodifluoromethane	ND		ug/L
Ethyl Benzene	ND	700	ug/L
Hexachlorobutadiene	ND		ug/L
Isopropylbenzene (Cumene)	ND		ug/L
m+p-Xylenes	ND		ug/L
Methyl Ethyl Ketone	ND		ug/L
Methyl-tert-Butyl Ether (MTBE)	ND		ug/L

Testing Parameter	Result	FDA SOQ	Units
Organic Chemicals			
Methylene Chloride	ND	5	ug/L
n-Butylbenzene	ND		ug/L
n-Propylbenzene	ND		ug/L
Naphthalene	ND		ug/L
o-Xylene	ND		ug/L
p-Isopropyltoluene (Cymene)	ND		ug/L
sec-Butylbenzene	ND		ug/L
Styrene	ND	100	ug/L
tert-Butylbenzene	ND		ug/L
Tetrachloroethylene	ND	5	ug/L
Toluene	ND	1000	ug/L
Total Trihalomethanes	ND	80	ug/L
Total Xylenes	ND	10000	ug/L
trans-1,2-Dichloroethylene	ND	100	ug/L
trans-1,3-Dichloropropene	ND		ug/L
Trichloroethylene	ND	5	ug/L
Trichlorofluoromethane	ND		ug/L
Trichlorotrifluoroethane	ND		ug/L
Vinyl Chloride	ND	2	ug/L

Testing Parameter	Result	FDA SOQ	Units
Microbiological Quality			
Coliform in Water/100 mL	Absent		
E. Coli in Water/100 mL	Absent		