



## Bottled Water Quality Report

### Introduction

California Artesian Water meets all applicable state and federal requirements. The water quality is rigorously tested to ensure that only the highest quality of water is sold.

### Water Source

California Artesian Water is sourced from a single private protected source. Snow from the Sierra Nevada Mountains filters through miles of rock before pressurizing itself in a 500 foot deep granite aquifer. California Artesian is not spring water or well water; instead it is artesian water, meaning that the water is pressurized upwards through the granite and reaches the surface by its own power. Since the water is not pumped or leached through the dirt (like spring water) it maintains exceptionally high water quality standards.

### Water Analysis Report

Report Date: 2 September 2015

Sampling Date: 18 June 2015

ND – Not Detected

General Chemistry		
Analyte	Result	Units
Alkalinity as CaCO <sub>3</sub>	51	mg/L
Bicarbonate as CaCO <sub>3</sub>	49	mg/L
Carbonate as CaCO <sub>3</sub>	ND	mg/L
Hydroxide as CaCO <sub>3</sub>	ND	mg/L
Chloride	2.1	mg/L
Color, Apparent	ND	CU
Cyanide (total)	ND	mg/L
Conductivity @ 25C	150	umhos/cm
Fluoride	0.13	mg/L
Langelier Index	-.68	
MBAS, Calculated as LAS, mol *1340	ND	mg/L
Nitrate as NO <sub>3</sub>	ND	mg/L
Nitrite as N	ND	mg/L
pH (1)	8.3	pH Units
Total Dissolved Solids	100	mg/L
Turbidity	0.10	NTU

### Metals

<b>Analyte</b>	<b>Resu lt</b>	<b>Units</b>
Aluminum	ND	mg/L
Antimony	ND	ug/L
Arsenic	ND	ug/L
Barium	ND	mg/L
Beryllium	ND	ug/L
Cadmium	ND	ug/L
Calcium	6.3	mg&
Chromium	ND	ug/L
Copper	ND	ug/L
Iron	ND	mg/L
Lead	ND	ug/L
Magnesium	0.27	mg/L
Manganese	ND	mg/L
Mercury	ND	ug/L
Nickel	ND	ug/L
Potassium	ND	mg/L
Selenium	ND	ug/L
Silver	ND	ug/L
Sodium	26	mg/L
Thallium	ND	ug/L
Hardness as CaCO3	17	mg/L
Zinc	ND	ug/L

### Organics

<b>Analyte</b>	<b>Resu lt</b>	<b>Units</b>
<b><u>EDB and DBCP by GC-ECD</u></b>		
Dibromochloropropane (DBCP)	ND	ug/L
Ethylene Dibromide (EDB)	ND	ug/L
<b><u>Oroanohalide Pesticides and PCBs by GC-ECD</u></b>		
Alddn	ND	ug/L
Chlordane	ND	ug/L
Dieldrin	ND	ug/L
Endrin	ND	ug/L
Heptachlor	ND	ug/L
Heptachlor Epoxide	ND	ug/L
Hexachlorobenzene	ND	ug/L
Hexachlorocyclopentadiene	ND	ug/L
Lindens	ND	ug/L
Methoxychlor	ND	ug/L
PCB Arodor Screen	ND	ug/L
Toxaphene	ND	ug/L
<b><u>Chlorinated Acid Herbicides</u></b>		
	<b><u>Resu</u></b>	<b><u>Units</u></b>

	<u>It</u>	
2,4,5-T	ND	ug/L
2,4,5-TP (Silvex)	ND	ug/L
2,4-D	ND	ug/L
Bentazon	ND	ug/L
Dalapon	ND	ug/L
Dicamba	ND	ug/L
Dinoseb	ND	ug/L
Pentadllorophenol	ND	ugt
Picloram	ND	ug/L

	<u>Resu</u>	
	<u>It</u>	<u>Units</u>
<b><u>Volatile Organics by GC-MS</u></b>		
1,1,1,2-Tetrachloroethane	ND	ug/L
1,1,1-Tdchloroethane	ND	ug/L
1,1,2,2-Tetrachloroethane	ND	ug/L
1,1,2-Trichloroethane	ND	ug/L
1,1-Dichloroethane	ND	ug/L
1,1-Dichloroethene	ND	ug/L
1,1-Dichloropropene	ND	ug/L
1,2,3-Trichlorobenzene	ND	ug/L
1,2,4-Trichlorobenzene	ND	ug/L
1,2,4-Trimethylbenzene	ND	ug/L
1,2-Dichlorobenzene	ND	ug/L
1,2-Dichloroethane	ND	ug/L

	<u>Resu</u>	
	<u>It</u>	<u>Units</u>
<b><u>Volatile uruamcs DV lac ma</u></b>		
1,2-Dichloropropane	ND	ug/L
1,3,5-Trimethylbenzene	ND	ug/L
1,3-Dichlorobenzene	ND	ug/L
1,3-Dichloropropane	ND	ug/L
1,4-Dichloroben2ene	ND	ug/L
2,2-Dichloropropane	ND	ug/L
2-Butanone	ND	ug/L
2-Chlorotoluene	ND	ug/L
2-Hexanone	ND	ug/L
4-Chlorotoluene	ND	ug/L
4-Methyl-2-pentanone	ND	ug/L
Acetone	ND	ug/L
Benzene	ND	ug/L
Bromobenzene	ND	ug/L
Bromochloromethane	ND	ug/L
Bromodichloromethane	ND	ug/L
Bromofotm	ND	ug/L
Bromomethane	ND	ug/L
Carbon Tetrachloride	ND	ug/L
Chlorobenzene	ND	ug/L
Chloroethane	ND	ug/L
Chloroform	ND	ug/L

Chloromethane	ND	ug/L
cis-1,2-Dichloroethene	ND	ug/L
Cs-1,3-Dichloropropene	ND	ug/L
Dibromochloromethane	ND	ug/L
Dibromomethane	ND	ug/L
Dichlorodifluoromethane	ND	ug/L
Dichloromethane	ND	ug/L
Di-isopropyl ether (DIPE)	ND	ug/L
Ethyl ten-Butyl Ether (ETBE)	ND	ug/L
Ethylbenzene	ND	ug/L
Hexachlorobutadiene	ND	ug/L
Isopropylbenzene	ND	ug/L
m,p-Xylenes	ND	ug/L
Methyl-t-butyl ether	ND	ug/L
Naphthalene	ND	ug/L
n-BUtylbenzene	ND	ug/L
n-Propylbenzene	ND	ug/L
o-Xylene	ND	ug/L
p-Isopropyeoluene	ND	ug/L
sec-Butylbenzene	ND	ug/L

**Volatile Organics by GC-MS**

	<b><u>Resu</u></b>	<b><u>Units</u></b>
	<b><u>lt</u></b>	
Styrene	ND	ug/L
tert-Amyl Methyl Ether(TAME)	ND	ug/L
tert-Butyl alcohol (TBA)	ND	ug/L
tert-Butylbenzene	ND	ug/L
Tetrachloroethene (POE)	ND	ug/L
Toluene	ND	ug/L
trans-1,2-Dichloroethene	ND	ug/L
trans-1,3-Diriloropropene	ND	ug/L
Trichloroethene (TOE)	ND	ug/L
Trichlorofluoromethane	ND	ug/L
Vinyl Chloride	ND	ug/L
Total 1,3-Dirhloropropene, EPA 524.2	ND	ug/L
Total Ttihalomethanes, EPA 524.2	ND	ug/L
Total Xylenes, EPA 524.2	ND	ug/L

**Semi-Volatile Oreanics by GC-MS**

	<b><u>Resu</u></b>	<b><u>Units</u></b>
	<b><u>lt</u></b>	
Alachlor	ND	ug/L
Atraxine	ND	ug/L
Benzo(a)pyrene	ND	ug/L
Bis(2-ethylhe)4l) adipate	ND	ug/L
Bis(2-ethylhexyl) phthalate	ND	ug/L
Bromacil	ND	ug/L
Butachlor	ND	ug/L
Diazinon	ND	ug/L
Dimethoste	ND	ug/L
Metolachlor	ND	ug/L
Metribuzin	ND	ug/L

Molinate	ND	ug/L
Propachlor	ND	ug/L
Simazine	ND	ug/L
Thiobencarb	ND	ug/L

**Carbamates by HPLC**

	<b><u>Result</u></b>	<b><u>Units</u></b>
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	ug/L
Methomyl	ND	ug/L
Oxamyl	ND	ug/L

**Glyphosate by HPLC**

	<b><u>Result</u></b>	<b><u>Units</u></b>
Glyphosate	ND	ug/L

**Endothall by GC-MS**

	<b><u>Result</u></b>	<b><u>Units</u></b>
Endothall	ND	ug/L

**Diquat by HPLC**

	<b><u>Result</u></b>	<b><u>Units</u></b>
Diquat	ND	ug/L

**Haloacetic Acids by GC-ECD.**

	<b><u>Result</u></b>	<b><u>Units</u></b>
Dibromoacetic Acid (DBAA)	ND	ug/L
Dichloroacetic Acid (DCAA)	ND	ug/L
Monobromoacetic Acid (MBAA)	ND	ug/L
Monochloroacetic Acid (MCAA)	ND	ug/L
Trichloroacetic Acid (TCAA)	ND	ug/L
Total Haloacetic Acids EPA 552.3	ND	ug/L

**Aggregate Organic Compounds**

	<b><u>Result</u></b>	<b><u>Units</u></b>
Phenols	1.7	ug/L

**Microbiology**

	<b><u>Result</u></b>	<b><u>Units</u></b>
<b>Coliform, Total and E. Coli by 1x10 MTF</b>		
E. Coli	<1.1	MPN/100m L
Total Coliform	<1.1	MPN/100m L

FDA Information

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."*

**For Further Information**

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