



BOTTLED WATER QUALITY REPORT

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INTRODUCTION

At VOSS, we are proud of the quality of our products. VOSS Artesian Water from Norway meets all bottled water standards for quality and safety at the U.S. Federal, State, Norwegian and International levels. Our scientists and independent certified laboratories perform extensive tests on the water source and finished bottled water product to ensure we exceed or are compliant with all bottled water requirements.

VOSS SOURCE

VOSS is bottled at an artesian source in the pristine wilderness of Southern Norway, naturally filtered and protected from pollutants. The water is generated and pumped from the artesian well deep beneath the ground. The unprocessed nature of the water gives it its fresh, clean taste. This occurrence is also key to the nature of VOSS, as availability of unfiltered water of this quality is rare.

VOSS STILL

Purity of water is defined in part by the mineral level found in specific bottled waters and is referred to as Total Dissolved Solids (TDS). TDS levels in VOSS are extremely low in comparison to other leading bottled waters.

VOSS SPARKLING

The crisp refreshing taste of VOSS Sparkling is known to compliment fine food and delicate wines. VOSS Sparkling contains TDS level of 290, which is very low in comparison to other leading natural sparkling water brands.

AVERAGE SPECIFIC MINERAL ANALYSIS

<u>Analyse</u>	<u>VOSS Still</u>	<u>VOSS Sparkling</u>
Bicarbonate	<20 mg/L	250 mg/L
Calcium	3 mg/L	3 mg/L
Chloride	5 mg/L	5 mg/L
Fluoride	0.1 mg/L	0.1 mg/L
Magnesium	<1 mg/L	<1 mg/L
Sodium	4 mg/L	100 mg/L
Sulfate	<5 mg/L	<5 mg/L
Potassium	1 mg/L	<1 mg/L
Total Dissolved Solids	44 mg/L	300 mg/L
Specific Conductivity @ 25 de. C	45 umhos/cm	515 umhos/cm
pH	5.9	5.2



AVERAGE SPECIFIC MINERAL ANALYSIS

Analyse	VOSS Still	VOSS Sparkling	FDA SOQ (mg/L)
Inorganic Chemicals			
Antimony	ND	ND	0.006
Arsenic	ND	ND	0.010
Barium	ND	ND	1.000
Beryllium	ND	ND	0.004
Cadmium	ND	ND	0.005
Chlorine	ND	ND	4.000
Chloramine	ND	ND	4.000
Chlorine dioxide	ND	ND	0.800
Chlorite	ND	ND	1.000
Chromium	ND	ND	0.050
Cyanide	<0.02	<0.02	0.100
Fluoride	0.1	0.1	2.000
Lead	ND	ND	0.005
Mercury	ND	ND	0.001
Nickel	ND	ND	0.100
Nitrate-N	<0.05	<0.05	10.000
Nitrite-N	ND	ND	1.000
Total Nitrate + Nitrite	<0.05	<0.05	10.000
Selenium	ND	ND	0.010
Thallium	ND	ND	0.002
Secondary Inorganic Parameters			
Aluminum	ND	ND	0.200
Chloride	4.6	4	250.0
Copper	ND	ND	1.000
Iron	ND	ND	0.300
Manganese	ND	ND	0.050
Silver	ND	ND	0.025
Sulfate	ND	ND	250.0
Total Dissolved Solids (TDS)	44	290	500.0
Zinc	ND	ND	5.000

ND = this contaminant was not detected at or above our lower reporting limit (LRL).



Analyse	VOSS Still	VOSS Sparkling	FDA SOQ (ug/L)
Volatile Organic Chemicals			
1,1,1-Trichloroethane	ND	ND	30.0
1,1,2-Trichloroethane	ND	ND	5.00
1,1-Dichloroethylene	ND	ND	2.00
1,2,4-Trichlorobenzene	ND	ND	9.00
1,2-Dichloroethane	ND	ND	2.00
1,3-Dichloropropane	ND	ND	5.00
Benzene	ND	ND	1.00
Carbon tetrachloride	ND	ND	2.00
cis-1,2-Dichloroethylene	ND	ND	70.0
trans-1,2-Dichloroethylene	ND	ND	100
Ethylbenzene	ND	ND	700
Haloacetic acids, total (HAA5)	<5.0	<5.0	60.0
Dichloromethane	ND	ND	3.00
Methyl tertiary butyl ether (MTBE)	ND	ND	No FDA std.
Monochlorobenzene	<0.5	<0.5	50.0
Ortho-Dichlorobenzene	<0.5	<0.5	600
Para-Dichlorobenzene	<0.5	<0.5	75.0
Naphthalene	<0.5	<0.5	No FDA std.
Styrene	<0.5	<0.5	100
1,1,2,2-Tetrachloroethane	ND	ND	No FDA std.
Tetrachloroethylene	ND	ND	5.00
Toluene	ND	ND	1000
Trichloroethylene	ND	ND	1.00
Vinyl chloride	ND	ND	2.00
Xylenes (total)	ND	ND	1000
Bromochloromethane	ND	ND	No Standard
Chlorodibromomethane	ND	ND	No Standard
Chloroform	<0.5	<0.5	No Standard
Bromoform	<0.5	<0.5	No Standard
Total Trihalomethanes	<0.5	<0.5	10.0
Semivolatile Organic Chemicals			
Benzo(a)pyrene	ND	ND	0.20
Di(2-ethylhexyl) adipate	ND	ND	400
Di(2-ethylhexyl) phthalate	ND	ND	6.00
Hexachlorobenzene	ND	ND	1.00
Hexachlorocyclopentadiene	ND	ND	50.0
Total recoverable phenolics	ND	ND	1.00

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Analyse	VOSS Still	VOSS Sparkling	FDA SOQ (ug/L)
Synthetic Organic Chemicals			
2,4,5-TP (Silvex)	ND	ND	10.00
2,4-D (Dichlorophenoxy acetic acid)	ND	ND	70.00
Alachlor	ND	ND	2.000
Aldicarb	ND	ND	0.003
Aldicarb sulfone	ND	ND	0.003
Aldicarb sulfoxide	ND	ND	0.004
Atrazine	ND	ND	3.000
Carbofuran	ND	ND	40.00
Chlordane	ND	ND	0.500
Dalapon	ND	ND	200.0
Dibromochloropropane (DBCP)	ND	ND	0.200
Dinoseb	ND	ND	7.000
Dioxin (2,3,7,8-TCDD)	ND	ND	3 x 10 ⁻⁸
Diquat	ND	ND	0.020
Endothall	ND	ND	0.100
Endrin	ND	ND	0.200
Ethylene dibromide (EDB)	ND	ND	0.050
Glyphosate	ND	ND	0.700
Heptachlor	ND	ND	0.400
Heptachlor epoxide	ND	ND	0.200
Lindane	ND	ND	0.200
Methoxychlor	ND	ND	40.00
Oxamyl (vydate)	ND	ND	200.0
Pentachlorophenol	ND	ND	1.000
Picloram	ND	ND	500.0
Polychlorinated biphenyls (PCBs)	ND	ND	0.500
Simazine	ND	ND	4.000
Toxaphene	ND	ND	3.000
Water Properties			
Color (apparent)	<3.0	<3.0	5 Units
Turbidity	<0.1	<0.1	1 NTU
pH	5.9	5.2	6.5-8.5 SU
Odor	<1.0	<1.0	3 T.O.N.

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Analyse	VOSS Still	VOSS Sparkling	FDA SOQ
Radiological Contaminants			
Gross Alpha	0.255±0.787	-1.13±0.982	15 pCi/L
Gross Beta	0.967±1.07	0.520±0.588	50 pCi/L
Radium 226	0.165±0.324	0.0568±0.294	5 pCi/L
Radium 228	0.495±0.352	0.574±0.369	0.03
Uranium	<0.001	<0.001	0.03 mg/L
Microbiological Contaminants			
Total Coliform Standard	Absent	Absent	Not detected
Plate Count	<2	<2	No standard
Cryptosporidium parvum	Absent	Absent	No standard
Giardia Lamblia	Absent	Absent	No standard
Other Chemicals and Physical Parameters			
Perchlorate	<0.05 ug/L	<0.05 ug/L	No standard

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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 source of bottled water includes 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:

- 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.
- Pesticides and herbicides that may come from a variety of sources, including, but not limited to, agriculture, urban storm, water runoff, and residential uses.
- 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.
- Microbial organisms that may come from wildlife, agricultural livestock operations, sewage treatment plants, and septic systems.
- 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 number 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 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 (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 U.S. Environmental Protection Agency (EPA) 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 Standard - MCLs for contaminants established by the U.S. Environmental Protection Agency (EPA) or the California Department of Public Health that affect health along with their monitoring and reporting requirements, and water treatment requirements.