



## 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.

### SPECIFIC MINERAL ANALYSIS

<b>General Mineral Analysis</b>	<b>VOSS Still</b>	<b>VOSS Sparkling</b>
Bicarbonate	<20 mg/L	240 mg/L
Calcium	3 mg/L	3 mg/L
Chloride	6 mg/L	6 mg/L
Fluoride	0.1 mg/L	0.1 mg/L
Magnesium	<1 mg/L	<1 mg/L
Sodium	3 mg/L	90 mg/L
Sulfate	<5 mg/L	<5 mg/L
Potassium	ND	ND

Total Dissolved Solids	44 mg/L	290 mg/L
Total Alkalinity	<20 mg/L	240 mg/L
Conductivity	44 umhos/cm	500 umhos/cm
pH	5.8	5.1
Sodium per 8 oz. serving	1.4 mg	22.9 mg

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**PRODUCT ANALYSIS** (all results in mg/L)

<b>Product</b>	<b>VOSS Still</b>	<b>VOSS Sparkling</b>	<b>FDA SOQ</b>
<b>Inorganic chemicals</b>			
Antimony	ND	ND	0.006
Arsenic	ND	ND	0.01
Barium	ND	ND	1
Beryllium	ND	ND	0.004
Cadmium	ND	ND	0.005
Chlorine	ND	ND	4.0
Chloramine	ND	ND	4.0
Chlorine dioxide	ND	ND	0.8
Chlorite	ND	ND	1.0
Chromium	ND	ND	0.05
Cyanide	ND	ND	0.1
Fluoride	0.1	0.1	2.0
Lead	ND	ND	0.005
Mercury	ND	ND	0.001
Nickel	ND	ND	0.1
Nitrate-N	ND	ND	10
Nitrite-N	ND	ND	1
Total Nitrate + Nitrite	ND	ND	10
Selenium	ND	ND	0.01
Thallium	ND	ND	0.002
<b>Secondary Inorganic Parameters</b>			
Aluminum	ND	ND	0.2
Chloride	6	6	250
Copper	ND	ND	1
Iron	ND	ND	0.3
Manganese	<0.005	<0.005	0.05
Silver	ND	ND	0.025

**PRODUCT ANALYSIS** (all results in mg/L)

Sulfate	ND	ND	250
Total Dissolved Solids (TDS)	36	290	500
Zinc	ND	ND	5

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ND = Not detected

**PRODUCT ANALYSIS** (all results in mg/L)

<b>Product</b>	<b>VOSS Still</b>	<b>VOSS Sparkling</b>	<b>FDA SOQ (mg/L)</b>
<b>Volatile Organic Chemicals</b>			
1,1,1-Trichloroethane	ND	ND	0.03
1,1,2-Trichloroethane	ND	ND	0.005
1,1-Dichloroethylene	ND	ND	0.002
1,2,4-Trichlorobenzene	ND	ND	0.009
1,2-Dichloroethane	ND	ND	0.002
1,2-Dichloropropane	ND	ND	0.005
Benzene	ND	ND	0.001
Carbon tetrachloride	ND	ND	0.002
cis-1,2-Dichloroethylene	ND	ND	0.07
trans-1,2-Dichloroethylene	ND	ND	0.1
Ethylbenzene	ND	ND	0.7
Haloacetic acids, total (HAAs)	ND	ND	0.06
Methylene chloride (Dichloromethane)	ND	ND	0.003
Methyl tertiary butyl ether (MTBE)	ND	ND	No FDA std.
o-Dichlorobenzene	ND	ND	0.1
p-Dichlorobenzene	ND	ND	0.075
Naphthalene	ND	ND	No FDA std.
Styrene	ND	ND	0.1
1,1,2,2-Tetrachloroethane	ND	ND	No FDA std.
Tetrachloroethylene	ND	ND	0.005
Toluene	ND	ND	1
Trichloroethylene	ND	ND	0.001
Vinyl chloride	ND	ND	0.002
Xylenes (total)	ND	ND	10
Dibromochloromethane	ND	ND	No standard
Chlorodibromomethane	ND	ND	No standard
Chloroform	ND	ND	No standard
Bromoform	ND	ND	No standard
Total Trihalomethanes (THMs)	ND	ND	0.01

**PRODUCT ANALYSIS** (all results in mg/L)

**Semivolatile Organic Chemicals**

Benzo(a)pyrene	ND	ND	0.0002
Di(2-ethyhexyl)adipate	ND	ND	0.4
Di(2-ethyhexyl)phthalate	ND	ND	0.006
Hexachlorobenzene	ND	ND	0.001
Hexachlorocyclopentadiene	ND	ND	0.05
Total Phenols	ND	ND	0.001

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ND = Not detected

**PRODUCT ANALYSIS** (all results in mg/L)

<b>Product</b>	<b>VOSS Still</b>	<b>VOSS Sparkling</b>	<b>FDA SOQ (mg/L)</b>
<b>Synthetic Organic Chemicals</b>			
2,4,5-TP (Silvex)	ND	ND	0.01
2,4-D (Dichlorophenoxy acetic acid)	ND	ND	0.07
Alachlor	ND	ND	0.002
Aldicarb	ND	ND	0.003
Aldicarb sulfone	ND	ND	0.003
Aldicarb sulfoxide	ND	ND	0.004
Atrazine	ND	ND	0.003
Carbofuran	ND	ND	0.04
Chlordane	ND	ND	0.002
Dalapon	ND	ND	0.2
Dibromochloropropane (DBCP)	ND	ND	0.0002
Dinoseb	ND	ND	0.007
Dioxin (2,3,7,8-TCDD)	ND	ND	3x10-8
Diquat	ND	ND	0.02
Endothall	ND	ND	0.1
Endrin	ND	ND	0.0002
Ethylene dibromide	ND	ND	0.00005
Glyphosate	ND	ND	0.7
Heptachlor	ND	ND	0.0004
Heptachlor epoxide	ND	ND	0.0002
Lindane	ND	ND	0.0002
Methoxychlor	ND	ND	0.04
Oxamyl (vydate)	ND	ND	0.2
Pentachlorophenol	ND	ND	0.001
Picloram	ND	ND	0.5
Polychlorinated biphenyls (PCBs)	ND	ND	0.0005
Simazine	ND	ND	0.004
Toxaphene	ND	ND	0.003
<b>Water Properties</b>			

**PRODUCT ANALYSIS** (all results in mg/L)

Color	ND	ND	5 Units
Turbidity	ND	ND	0.1 NTU
Odor	ND	ND	0 T.O.N.

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ND = Not detected



**PRODUCT ANALYSIS** (all results in mg/L)

Product	VOSS Still	V O S S Sparkling	FDA SOQ
<b>Radiological Contaminants</b>			
Gross alpha particle activity	0.29±0.59		15 pCi/L
Gross beta particle and photon activity	0.91±0.47	1.13±1.43	50 pCi/L
Radium 226/228 (combined)	0.92±0.71	0.70±0.49 1.34±0.86	5 pCi/L
<b>Microbiological Contaminants</b>			
Total Coliform	ND		Not detected
Standard Plate Count	<1	ND	No standard
Cryptosporidium Oocysts	ND	<1	No standard
Giardia Cysts	ND	ND ND	No standard
<b>Other Chemicals and Physical Parameters</b>			
Perchlorate	ND	ND	No standard

ND = Not detected

**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 can not 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)."

"Thesourcesofbottledwaterincluderivers, lakes, streams, ponds, reservoirs, springs, andwells. Aswaturnaturallytravels overthesurfaceofthelandorthroughtheground,itcanpickupnaturallyoccurringssubstancesaswellassubstanceshatare present due to animal and human activity.

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

1. Inorganicsubstances,including,butnotlimitedto,saltsandmetals,thatcanbenaturallyoccurringorresultfromfarming, urban storm water runoff, industrial or domestic wastewater discharges, or oil and gas production.
2. Pesticidesandherbicidesthatmaycomefromavarietyofsources, including, butnotlimitedto, agriculture, urbanstorm water runoff, and residential uses.
3. Organicsubstanceshatarebyproductsofindustrialprocessesandpetroleumproductionandcanalsocomefromgas stations, urban storm water runoff, agricultural application, and septic systems.
4. Microbialorganismshatmaycomefromwildlife,agricultural livestockoperations,sewagetreatmentplants,andseptic systems.
5. Substanceswithradioactivepropertieshatcanbenaturallyoccurringorbetheresultofoilandgasproductionandminingactivities."

"Inordertoensurethatbottledwaterissafetodrink,theUnitedStatesFoodandDrugAdministrationandtheStateDepartmentof PublicHealthprescriberegulationsthatlimittheamountofcertaincontaminantsinwaterprovidedbybottledwatercompanies."

## 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.