DS Waters - Water Quality Report

At DS Waters of America, Inc. ("DS Waters") we are proud of the quality of our drinking water products. The DS Waters regional brands (Alhambra®, Abita Springs®, Belmont Springs®, Crystal Springs®, Hinckley Springs®, Kentwood Springs®, Sierra Springs®, Sparkletts®), as well as our national brand, Nursery Water® meets or exceeds all applicable bottled water standards for quality and safety at the Federal and state level. The US Food and Drug Administration (FDA) regulates bottled water as a food. DS Waters uses certified laboratories to perform extensive tests on its water sources and bottled water products to ensure we meet or exceed all Federal and state bottled water regulations.

In addition to existing stringent regulatory standards, the International Bottled Water Association (IBWA) maintains a strict Model Code of quality for its members. DS Waters is a member of IBWA and meets or exceeds the quality requirements of the IBWA Model Code of Practice. Additionally, we take pride in the fact that our bottled water production plants are annually inspected, on an unannounced basis, by independent third-party organizations. These unannounced annual plant inspections coupled with annual product testing, ensure that the DS Waters brands comply with federal and state bottled water regulations and IBWA's Model Code. For more information about IBWA and the IBWA Model Code of Practice, please visit their website at http://www.bottledwater.org or call IBWA at 1-800-WATER-11.

Types of Drinking Water Offered by DS Waters
Through regional and national brands, DS Waters offers the following types of drinking water products: purified, purified with minerals added, fluoridated, fluoridated spring water, fluoridated purified water, spring water, distilled water, artesian water, artesian spring water and fluoridated artesian water.

Processing Steps for Natural Water (Spring and Artesian) Products
Water from selected springs and on-site artesian wells are filtered (one micron) and treated with ultraviolet light and ozone as disinfection methods. Fluoride is added that results in Fluoridated Spring Water and Fluoridated Artesian Water. The naturally occurring minerals are not removed during the processing of spring and artesian source waters.

Processing Steps for Purified Water and Purified Water with Minerals Added for Taste
The source water is filtered to remove impurities. The water is taken through additional filtration and reverse osmosis to remove organic and inorganic components from the source water. Fluoride is added to create fluoridated purified water and fluoridated purified water with minerals added for taste. A mineral injection system adds trace amounts of select food-grade minerals to enhance the taste. Ultraviolet light and ozone are used as additional safety steps.

Processing Steps for Distilled Water and Nursery Water Products
The source water is filtered to remove impurities and then taken through a water softener system that removes minerals. The water is then steam distilled where it is heated until steam is formed. The steam is condensed, removing minerals and other dissolved solids. At this point the distilled water is filtered and select, trace amounts of food-grade minerals (sodium bicarbonate, calcium chloride and magnesium chloride) are added to create Nursery Water. Fluoride is also added to the Nursery Water. Ultraviolet light and ozone are used as additional safety steps.

Micron-filtration, reverse osmosis, steam distillation, ozone and ultraviolet light are all approved by the US Food and Drug Administration for use in the production of drinking water.

Water Quality Data
Attached is a copy of our water quality analyses as conducted by certified laboratories. The analysis includes bottled drinking water quality test results for substances including inorganics, organics, and radiological as well as physical parameters.

DS Waters™

DS WATERS – TYPICAL ANALYSIS

TABLE 9: NURSERY

(All results reported in mg/L (ppm) except as noted

Legend
ND = Not Detected, absent or present at less than testing method detection level
mg/L = milligram (1/1,000 of a gram) per liter = ppm =parts per million
≤ = compliance with less than or equal to the FDA Standard of Quality (allowable level)
pCi/L = picoCuries per liter
NTU = turbidity unit of measurement
umhos = Micromhos, the reciprocal of microohms
TDS = Total Dissolved Solids (Minerals)

Water Type	Nursery	FDA Standard of Quality (SOQ)
Inorganic Chemicals		
Antimony	ND	0.006
Arsenic	ND	0.005
Barium	ND	1
Beryllium	ND	0.004
Bromate	ND	0.01
Cadmium	ND	0.005
Chlorine, Free	ND	5
Chloramine	ND	4.5
Chlorine dioxide	ND	5
Chlorite	ND	1.0
Chromium	ND	0.05
Cyanide	ND	0.1
Fluoride	0.7	1.3
Lead	ND	0.005
Mercury	ND	0.001
Nickel	ND	0.1
Nitrate-N	ND	10
Nitrite-N	ND	1
Total Nitrate +Nitrite	ND	10
Selenium	ND	0.05
Thallium	ND	0.002
Secondary Inorganics		
Aluminum	ND	0.2
Chloride	7.9	250
Copper	ND	1
Iron	ND	0.3
Manganese	ND	0.05
Silver	ND	0.05
Sulfate	ND	250
Total Dissolve Solids (TDS)	25	500
Zinc	ND	5

Water Type	Nursery	FDA Standard of Quality (SOQ)
Volatile Organic Chemicals (VOCs)		
1,1,1-Trichloroethane	ND	0.2
1,1,2- Trichloroethane	ND	0.005
1,1-Dichloroethylene	ND	0.007
1,2,4-Trichlorobenzene	ND	0.07
1,2-Dichloroethane	ND	0.005
1,2-Dichloropropane	ND	0.005
Benzene	ND	0.005
Carbon tetrachloride	ND	0.005
cis-1,2-Dichloroethylene	ND	0.07
Trans-1,2-Dichloroethylene	ND	0.1
Ethylbenzene	ND	0.7
Methylene chloride (Dichloromethane)	ND	0.005
Monochlorobenzene	ND	0.1
o-Dichlorobenzene	ND	0.6
p- Dichlorobenzene	ND	0.075
Haloacetic Acids (HAA5)	ND	0.06
Styrene	ND	0.1
Tetrachloroethylene	ND	0.005
Toluene	ND	1
Trichloroethylene	ND	0.005
Vinyl chloride	ND	0.002
Xylenes (total)	ND	10
Bromodichloromethane	ND	No SOQ for individual trihalomethane contaminants. The sum of the 4 THMs is regulated as total tihalomethanes (TTHMs)
Chlorodibromomethane	ND	No SOQ for individual trihalomethane contaminants. The sum of the 4 THMs is regulated as total tihalomethanes (TTHMs)
Chloroform	ND	No SOQ for individual trihalomethane contaminants. The sum of the 4 THMs is regulated as total tihalomethanes (TTHMs)
Bromoform	ND	No SOQ for individual trihalomethane contaminants. The sum of the 4 THMs is regulated as total tihalomethanes (TTHMs)
Total Trihalomethanes (TTHMs)	ND	0.08
Semivolatile Organic Chemicals (SOCs)		
Benzo(a)pyrene	ND	0.0002
Di(2-ethyhexyl)adipate	ND	0.4
Di(2-ethyhexyl)phthalate	ND	NA
Hexachlorobenzene	ND	0.001
Hexachlorocyclopentadiene	ND	0.05
Total Recoverable Phenolics	ND	0.001

Water Type	Nursery	FDA Standard of Quality (SOQ)
Synthetic Organic Chemicals (SOCs)		
2,4,5-TP (Silvex)	ND	0.05
2,4-D (Dichlorophenoxy acetic acid)	ND	0.07
Alachlor	ND	0.002
Aldicarb	ND	NA
Aldicarb sulfone	ND	NA
Aldicarb sulfoxide	ND	NA
Atrazine	ND	0.003
Carbofuran	ND	0.04
Chlordane	ND	0.002
Dalapon	ND	0.2
Dibromochloropropane (DBCP)	ND	0.0002
Dinoseb	ND	0.007
Dioxin	ND	$3X10^{-8}$
Diquat	ND	0.02
Endothall	ND	0.1
Endrin	ND	0.002
Ethylene dibromide	ND	0.00005
Glyphosate	ND	0.7
Heptachlor	ND	0.0004
Heptachlor epoxide	ND	0.0002
Lindane	ND	0.0002
Methoxychlor	ND	0.04
Oxamyl	ND	0.2
Pentachlorophenol	ND	0.001
Picloram	ND	0.5
Polychlorinated biphenyls (PCBs)	ND	0.0005
Simazine	ND	0.004
Toxaphene	ND	0.003
Additional Regulated Contaminants		
Methyl tertiary butyl ether (MTBE)	ND	NA
Naphthalene	ND	NA
1,1,2,2-Tetrachloroethane	ND	NA
Radiological Contaminants		
Gross Alpha Particle Radioactivity (pCi/L)	< 0.3	15
Gross Beta Particle and Photon Radioactivity (pCi/L)	< 0.3	50
Radium 226/228 (combined) (pCi/L)	< 1	5
Uranium	ND	0.030

Water Type	Nursery	FDA Standard of Quality (SOQ)
Water Properties		
Color (UNITS)	ND	15
Turbidity (NTU)	ND	5
pH	7.36	
Odor (TON)	ND	3
Conductivity (umhos)	52.1	NA