

# Aguasana® AQ-4000 Water Filtration System

## Certified Performance Data Sheet

This system has been tested by Underwriters Laboratories according to ANSI/NSF 42 & 53 for the reduction of the substances listed below. The concentration of the indicated substances in the water entering the system was reduced to a level less than or equal to the permissible limit for water leaving the system, as specified in ANSI/NSF 42 & 53.

Contaminant (or substance)	Influent/Before Filter (average level)	Effluent/After Filter (average level)	Percent Reduction
Particulate, Class I particles 0.5 to <1µm	64900particles/mL	1000particles/mL	98.46%
Chlorine taste and odor	1.96mg/L	0.01mg/L	99.3%
Lead @ 6.5pH	0.156mg/L	0.0021mg/L	98.7%
Lead @ 8.5pH	0.140mg/L	0.0015mg/L	99%
Cryptosporidium (cyst)	274,100microspheres/L	<37Microspheres/L	99.987%
VOCs(by surrogate testing using chloroform)	0.29mg/L	0.001mg/L	99.6%
Alachlor*	0.050mg/L	<0.001mg/L	>98%
Atrazine*	0.100mg/L	<0.003mg/L	>97%
Benzene*	0.081mg/L	<0.001mg/L	>98%
Carbofuran*	0.190mg/L	<0.001mg/L	>99%
Carbon Tetrachloride*	0.078mg/L	<0.0018mg/L	>97%
Chlorobenzene*	0.077mg/L	<0.001mg/L	>98%
Chloropicrin*	0.015mg/L	<0.0002mg/L	>98%
2,4-D*	0.110mg/L	<0.0017mg/L	>98%
Dibromochloropropane*(DBCP)	0.052mg/L	<0.00002mg/L	>99%
o-Dichlorobenzene*	0.080mg/L	<0.001mg/L	>98%
p-Dichlorobenzene*	0.040mg/L	<0.001mg/L	>97%
1,2-Dichloroethane*	0.088mg/L	<0.0048mg/L	>94%
1,1-Dichloroethylene*	0.083mg/L	<0.001mg/L	>98%
cis-1,3-Dichloroethylene*	0.170mg/L	<0.0005mg/L	>99%
trans-1,3-Dichloroethylene*	0.086mg/l	<0.001mg/L	>98%
1,2-dichloropropane*	0.080mg/L	<0.001mg/L	>98%
cis-1,3-dichloropropylene*	0.079mg/L	<0.001mg/L	>98%
Dinoseb*	0.170mg/L	<0.0002mg/L	>99%
Endrin*	0.053mg/L	<0.00059mg/L	>98%
Ethylbenzene*	0.088mg/L	<0.001mg/L	>98%
Ethylene Dibromide*(EDB)	0.044mg/L	<0.00002mg/L	>99%
Haloacetonitriles*(HAN)			
Bromochloroacetonitrile*	0.022mg/L	<0.0005mg/L	>97%
Dibromoacetonitrile*	0.024mg/L	<0.0006mg/L	>97%
Dichloroacetonitrile*	0.0096mg/L	<0.0002mg/L	>97%
Trichloroacetonitrile*	0.015mg/L	<0.0003mg/L	>98%
Heptachlor*	0.25mg/L	<0.00001mg/L	>99%
Heptachlor Epoxide*	0.0107mg/L	<0.0002mg/L	>98%
Hexachlorobutadiene*	0.044mg/L	<0.001mg/L	>97%

Contaminant (or substance)	Influent/Before Filter (average level)	Effluent/After Filter (average level)	Percent Reduction
Hexachlorocyclopentadiene*	0.060mg/L	<0.000002mg/L	>99%
Lindane*	0.055mg/L	<0.00001mg/L	>99%
Methoxychlor*	0.050mg/L	<0.0001mg/L	>99%
MTBE (Methyl-tert-butyl Ether)	0.017mg/L	0.002mg/L	87%
Pentachlorophenol*	0.096mg/L	<0.001mg/L	>98%
Simazine*	0.120mg/L	<0.004mg/L	>96%
Styrene*	0.150mg/L	<0.0005mg/L	>99%
1,1,2,2-Tetrachloroethane*	0.081mg/L	<0.001mg/L	>98%
Tetrachloroethylene*	0.081mg/L	<0.001mg/L	>98%
Toluene*	0.078mg/L	<0.001mg/L	>98%
2,4,5-TP*(Silvex)	0.270mg/L	<0.0016mg/L	>99%
Tribromoacetic acid*	0.042mg/L	<0.001mg/L	>97%
1,2,4-Trichlorobenzene*	0.160mg/L	<0.0005mg/L	>99%
1,1,1-Trichloroethane*	0.084mg/L	<0.0046mg/L	>94%
1,1,2-Trichloroethane*	0.150mg/L	<0.0005mg/L	>99%
Trichloroethylene*	0.180mg/L	<0.0010mg/L	>99%
Trihalomethanes*(THMs)	0.300mg/L	<0.015mg/L	>95%
Bromodichloromethane*(THM)	0.300mg/L	<0.015mg/L	>95%
Bromoform*(THM)	0.300mg/L	<0.015mg/L	>95%
Chloroform*(THM)	0.300mg/L	<0.015mg/L	>95%
Chlorodibromomethane*(THM)	0.300mg/L	<0.015mg/L	>95%
Xylenes*(total)	0.070mg/L	<0.001mg/L	>98%

\*V.O.C.s tested by chloroform surrogate as specified in NSF Standard 53.



**WATER QUALITY**

Water Filter  
ANSI/NSF 42  
3JRY

## Product Specifications

Operating Pressure Range: 20psi-50 psi  
Operating Temperature Range: 40-90 degrees F  
Rated Service Flow: 0.4 gpm  
Rated Capacity of Filter Cartridges: 500 Gallons  
Cost of Replacement Cartridges: \$47.99 (Model AQ-4025)

**Performance testing was performed by Underwriters Laboratories to NSF Standards 42 & 53. While Testing was performed under standard laboratory conditions, actual performance may vary. California Department of Health Certificate #06-1792 (Enclosed as part of the product installation instructions)**

The filter cartridges should be replaced every 500 gallons or 6 months, whichever is sooner to ensure peak performance. Replacement filter (Model AQ-4025) cost is \$47.99.

**IMPORTANT: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on water that may contain filterable cysts.**

Aquasana Water Filters by: Sun Water Systems, Inc., Haltom City, Texas 76117  
1-866-313-2782 | [www.aquasanacanada.com](http://www.aquasanacanada.com)

-This product is warrantied against manufacturers and material defects for a period of 100 days from date of purchase. Full warranty details included with product. See installation instructions for general installation conditions and needs.