

# PERFORMANCE DATA SHEET

## Water Filters by Swift Green Filters

Water filters are tested and certified by IAPMO against NSF/ANSI Standard 42, Standard 53, Standard 40 for the reduction of contaminants specified on the Performance

This system has been tested according to NSF/ANSI Standards 42, 53, 401 For the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI Standards 42, 53, 401.

Substance Reduction Aesthetic Effects	Influent Challenge Concentration	Maximum Permissible Product Water Concentration	Average% Reduction
Chlorine Taste/Odor Particulate Class	2.0 mg/L ± 10% At least 10,000 particles/mL	50% reduction 85% reduction	>99.99
Contaminant Reduction	Influent Challenge Concentration	Maximum Permissible Product Water Concentration	Average % Reduction
Lead: @ pH 6.5 / @ pH 8.5	0.15 mg/L ± 10%	0.010 mg/L	99.99
Arsenic	0.050 ± 10%	0.010	96.4
Cadmium	0.03 ± 10%	0.005	>99.9
Chromium III	0.3 ± 10%	0.1	99.2
Copper	3.0 ± 10%	1.3	99.8
Mercury	0.006 ± 10%	0.002	99.9
Selenium	0.10 ± 10%	0.05	>99.9
Alachlor*	0.050	0.001	>99.9
Chloramine	3.0 +/- 10%	0.5	>99.9
Chlorine	2.0 +/- 10%	> or = 50%	95.0
Cyst	50,000/L min.	99.95% reduction requirement	99.99
Meprobamate	400 ± 20%		>99.9
Barium		0.2	99.9
Benzene*	0.015 mg/L ± 10%	0.005 mg/L	>99.9
Lindane*	0.002 ± 10%	0.0002 mg/L	>99.9
2,4 – D*	0.210 mg/L ± 10%	0.07 mg/L	>99.9
Toxaphene	0.015 ± 10%	0.003 mg/L	96.9
Polystyrene	7.5 ± 0.5	200 – 500 mg/L	99.99
VOC			99.99
p - Dichlorobenzene	0.225 mg/L ± 10%	0.075 mg/L	99.99
Turbidity	11 NTU ± 10%	0.5 NTU	97.3
Asbestos	10 <sup>7</sup> to 10 <sup>8</sup> fibers/L ††	99%	>99.9
Atrazine*	0.009 mg/L ± 10%	0.003 mg/L	>99.9
TCEP	5,000 ± 20%	0.0007	99.99
TCCP	5,000 ± 20%	0.0007	99.99
BPA			99.99

Nonylphenol	1400 ± 20%	200 ng/L	99.99
PFOA/PFOS	Waiting for the report		99.99
O-Dichlorobenzene	1.8 mg/L ± 10%	0.60 mg/L	>99.9
Ibuprofen	400 ± 20%	0.00006	99.99
DEET	1,400 ± 20%	0.0002	99.99
Metolachlor	1,400 ± 20%	0.0002	99.99
Atenolol	200 ± 20%	30 ng/L	>99.9
Trimethoprim	140 ± 20%	20 ng/L	99.9
Linuron	140 ± 20%	20 ng/L	99.99
Estrone	140 ± 20%	20 ng/L	>99.9
Carbamazepine	1400 ± 20%	200 ng/L	>99.9
Phenytoin	200 ± 20%	30 ng/L	>99.9
Naproxen	140 ± 20%	20 ng/L	99.99
Bisphenol A	2000 ± 20%	300 ng/L	99.99

\*Tested by Envirotek Laboratories, Inc. and Swift Internal Lab for performance specifications

The compounds certified under NSF 401 have been deemed as “emerging compounds/incidental contaminants.” Emerging compounds/incidental contaminants are those compounds that have been detected in drinking water supplies at trace levels. While occurring at only trace levels, these compounds can affect the public acceptance/perception of drinking water quality

- It is essential that operational, maintenance, and filter replacement requirements be carried out for the product to perform as advertised. Property damage can occur if all instructions are not followed.
- The disposable cartridge must be changed at least every 6 months.
- The filter monitor system measures the amount of water that passes through the filter and alerts you when it is time to replace the filter.
- After changing the water filter, flush the water system.
- These contaminants are not necessarily in your water supply. While testing was performed under standard laboratory conditions, actual performance may vary.
- The product is for cold water use only.
- The water system must be installed in compliance with state and local laws and regulations.
- 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 disinfected waters that may contain filterable cysts.

*For more details/ operating specification of Individual filters, please refer to the Refrigerator/ commercial catalogs on our website at [www.swiftgreenfilters.com](http://www.swiftgreenfilters.com)*