Performance Data for the Epic Water Filters Urban Bottle Water Filter

Replacement	Product Type	Capacity	Operating Tempertures
EQ-YIGY-B0OD	Water Bottle Filter	75 Gallons (284 L)	38-85 F (4-30 C)
Testing Completed: Oct 17,2018	Manufactured by Epic Life, Inc. - www.epicwaterfilters.com - Boulder, CO USA - 720-600-0371		

Testing performed under NSF/ANSI Standards 42, 53, & 401. This filter has been tested according to NSF/ANSI 42, 53, & 401 for the reduction of 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 permittable limit for the water leaving the filter as specified in NSF/ANSI 42, 53, & 401. Additional testing has been performed for the removal or reduction of perfluorinated compounds (PFOA, PFOS).

Chemical Additives NSF/ANSI 42/53

Contaminant	Influent Water (mg/L)	Filtered Water (mg/L)	% Removal
Chlorine	2.20 mg/L	0.02	99.1%

Heavy Metals NSF/ANSI 42/53

Contaminant	Influent Water (µg/L)	Filtered Water (µg/L)	% Removal
Lead	151.94	0.317	99.8%
Arsenic	49.1	8.6	82.5%
Thallium	10.1	<1	90.1%
Beryllium	50.1	<1	98%
Selenium	102	33	67.6%
Chromium 6	302	44.1	85.4%
Copper	2920	1434	50.9%
Iron	3054	505	83.5%
Nickel	302	74.5	75.3%
Mercury	6.1	<0.5	91.8%
Zinc	106	52.9	50.1%

Perfluorinated Compounds

Contaminant	Influent Water (µg/L)	Filtered Water (µg/L)	% Removal
Perfluorooctanoic Acid (PFOA)	0.51	<0.01	98%
Perfluorooctanane Sulfonate (PFOS)	1.04	0.01	99%

Volatile Organic Compounds NSF/ANSI 53

Contaminant	Influent Water (µg/L)	Filtered Water (µg/L)	% Removal
Alachlor	0.0002	0.050	>98%
Atrazine	0.003	0.100	>97%
Benzene	0.005	0.081	>99%
Carbofuran	0.04	0.190	>99%
Carbon Tetrachloride	0.005	0.078	98%
Chlorobenzene	0.1	0.077	>99%
Chloropicrin	-	0.015	99%
2,4-D	0.07	0.110	98%

Pesticides NSF/ANSI 53

Contaminant	Influent Water (µg/L)	Filtered Water (µg/L)	% Removal
Glyphosate	810	0.1	99.98%
p,p'-DDT	60.2	<0.1	>99.8%
PCB's	10.2	<0.1	>99%
Atrazine	98.2	<0.1	>99.9%

Total Trihalomethanes NSF/ANSI 53

Contaminant	Influent Water (µg/L)	Filtered Water (µg/L)	% Removal
Chloroform	124	1.57	98.7%
Bromodichloromethane	110	<0.1	>99.9%
Chlorodibromomethane	106	<0.1	>99.9%
Bromoform	82.5	<0.5	>99.9%

Pharmaceuticals & Emerging Contaminants NSF/ANSI 401

Contaminant	Influent Water (µg/L)	Filtered Water (µg/L)	% Removal
Bisphenol A	2.02	<0.02	>99%
Ibuprofen	0.46	<0.02	>95.7%
Trimethoprim	0.22	<0.02	>90.9%
Naproxen	0.24	<0.02	>91.7%
Acetaminophen	2.42	<0.02	>99.2%
Ciprofloxacin	2.61	<0.02	>99.2%
Sulfamethoxazole	2.02	<0.02	>99%
17-beta-Estradiol	2.01	<0.02	99%
Caffeine	1.92	<0.02	99%
Fluoxetine	1.98	<0.02	99%
Gemfibrozil	1.94	<0.02	98.9%
Triclosan	1.24	<0.02	>98.4%
Estrone	0.24	<0.02	>91.7%
Diclofenac Sodium	1.96	<0.02	99%
Primidone	1.94	<0.02	99%
Carbamazepine	1.46	<0.02	>98.6%

Dibromochloropropane (DBCP)	0.0002	0.052	>99%
o-dichlorobenzene	0.6	0.080	>99%
p-dichlorobenzene	0.075	0.040	>98%
1,2 - dichloroethane	0.005	0.088	95%
1,1 - dichloroethylene	0.007	0.083	>99%
cis-1,2 - dichloroethylene	0.07	0.170	>99%
Trans- 1,2 -Dichloroethylene	0.1	0.086	>99%
1,2 -Dichloropropane	0.005	0.080	>99%
cis-1,3 - Dichloropropylene	-	0.079	>99%
Dinoseb	0.007	0.170	99%
Endrin	0.002	0.053	99%
Ethylbenzene	0.7	0.088	>99%
Ethylene Dibromide (EDB)	0.00005	0.044	>99%
Haloacetonitriles	-	0.022	98%
Haloketones (HK)	-	0.0072	99%
Heptachlor (H-34, Heptox)	0.0004	0.025	>99%
Heptachlor Epoxide	0.0002	0.0107	98%
Hexachlorobutadiene	-	0.044	>98%
Hexachlorocyclopentadiene	0.05	0.060	>99%
Lindane	0.0002	0.055	>99%
Methoxychlor	0.04	0.050	>99%
Pentachlorophenol	0.001	0.096	>99%

Testosterone	1.48	<0.02	98.6%
Progesterone	2.06	<0.02	99%
4-tert-Octylphenol	2.04	<0.02	99%
17-alpha-Ethynylestradiol	2.2	<0.02	99.1%
4-para-Nonylphenol	2.32	<0.02	99.1%
Meprobamate	0.44	<0.02	95.5%
Erythromycin	1.42	<0.02	98.6%

Volatile Organic Compounds NSF/ANSI 53			
Contaminant	Influent Water (µg/L)	Filtered Water (µg/L)	% Removal
Styrene	0.1	0.150	>99%
1,1,2,2 - Tetrachloroethance	-	0.081	>99%
Tetrachloroethylene	0.005	0.081	>99%
Toluene	1	0.078	>99%
Silvex	0.05	0.270	99%
Tribromoacetic Acid	-	0.042	>98%
1,2,4 Trichlorobenzene	0.07	0.160	>99%
1,1,1 Trichloroethane	0.2	0.084	95%
1,1,2 Trichloroethane	0.005	0.15	>99%
Trichloroethylene	0.005	0.180	>99%
Trihalomethanes (TTHM)	0.080	0.300	95%
Xylenes	10	0.070	>99%
Simzine	0.004	0.120	>97%

CERTIFICATION OF RESULTS:

All analyses, and reporting performed herein, comply with all requirements set forth in N.J.A.C. 7:9E and N.J.A.C. 7:18, and hereby certify that this laboratory is in compliance with all laboratory certification and quality control procedures and requirements as set forth in N.J.A.C. 7:18; the NYCRR Subpart 55-2, the National Environmental Laboratory Accreditation Conference (NELAC) Institute Standards, the ISO 17025 and the Water Quality Association (WQA).

QUALITY MANAGEMENT SYSTEM
ISO 17025
ACCREDITED
LABORATORY

ACCREDITED IN ACCORDANCE WITH
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