

# ENVIROTEK LABORATORIES, INC.

Bordentown, New Jersey 08505  
PHONE 856-478-0010 [www.enviroteklab.com](http://www.enviroteklab.com)  
EPA ID # NJ01298 NJ DEP ID # 08012

## TEST RESULTS

FOR

**ProPur Water Purification Systems**

**1200 BENSTEIN ROAD**

**COMMERCE TWP. MICHIGAN, 48390**

**ProMax Shower Filter**

**NSF Standard 53, and NSF Standard 42**

**Chemical Reduction Tests Results**

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## SHOWER-HEAD FILTER ELEMENT WATER TEST REPORT

Report # 15-133 (Shower-Head Filter Element)  
 Report Date: 06/26/2015  
 Customer Name: ProPur Water Purification Systems

Drinking Water Contaminant Tested	Influent Water Concentration in µg/L	Shower-Head Filter Element Effluent Concentration in µg/L	% Reduction
<b>Volatile Organic Contaminants µg/L</b>			
Dichlorodifluoromethane	80.1	66.3	17.2
Chloromethane	80.2	58.1	27.6
Vinylchloride	80.6	12.1	85.0
Chloroethane	80.1	29.4	63.3
Trichlorofluoromethane	80.2	8.54	89.4
1,1-Dichloroethene	82.5	19.9	75.9
Methylene Chloride	81.2	6.95	91.4
trans-1,2-Dichloroethene	81.5	0	100.0
MTBE	81.5	9.1	88.8
1,1-Dichloroethane	82.2	11.7	85.8
cis-1,2-Dichloroethene	171	4.9	97.1
2,2-Dichloropropane	81.1	17.5	78.4
Bromochloromethane	80.0	9.1	88.6
Chloroform	80.1	5.6	93.0
Carbon Tetrachloride	81.0	6	92.6
1,1,1-Trichloroethane	81.2	4.2	94.8
1,1-Dichloropropene	81.2	7.3	91.0
Benzene	81.4	9.7	88.1
1,2-Dichloroethane	80.4	5	93.8
Trichloroethene	181.2	9.7	94.6
Dibromomethane	80.1	11	86.3
1,2-Dichloropropane	80.3	9.4	88.3
Bromodichloromethane	80.2	6.5	91.9
cis-1,3-Dichloropropene	50.2	5.7	88.6
Toluene	80.2	0.8	99.0
trans-1,3-Dichloropropene	81.0	9.8	87.9
Tetrachloroethene	80.1	10.1	87.4
1,1,2-Trichloroethane	151.2	8.7	94.2
Chlorodibromomethane	80.4	4.1	94.9
1,3-Dichloropropane	79.1	4.5	94.3
Ethylbenzene	82	7.5	90.9
Chlorobenzene	79.5	4.1	94.8
1,1,1,2-Tetrachloroethane	79.8	4.1	94.9
m-Xylene	70.1	7.5	89.3
o-Xylene	70.1	4.1	94.2
Styrene	80.0	4.1	94.9
Bromoform	80.2	3.3	95.9
Isopropylbenzene	80.3	9.1	88.7
n-Propylbenzene	80.2	3.4	95.8
Bromobenzene	80.2	2.8	96.5
1,1,2,2-Tetrachloroethane	81.2	2.1	97.4
1,3,5-Trimethylbenzene	80.1	8.7	89.1
2-Chlorotoluene	80.2	3.4	95.8
1,2,3-Trichloropropane	80.2	3.1	96.1
4-Chlorotoluene	80.2	6.3	92.1
tert-Butylbenzene	80.2	3.1	96.1
1,2,4-Trimethylbenzene	80.5	2.1	97.4
sec-Butylbenzene	80.3	2.8	96.5
4-Isopropyltoluene	80.2	2.8	96.5
1,3-Dichlorobenzene	80.1	0.1	99.9
1,4-Dichlorobenzene	40.3	0.1	99.8
n-Butylbenzene	80.2	2.3	97.1
1,2-Dichlorobenzene	80.3	3.3	95.9

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<b>Volatile Organic Contaminants µg/L</b>			
Hexachlorobutadiene	45.0	2.3	94.9
1,2,4-Trichlorobenzene	160.2	3.3	97.9
Naphthalene	80.4	0.7	99.1
1,2,3-Trichlorobenzene	80.1	0.1	99.9
<b>Heavy Metal Contaminants µg/L</b>			
Aluminum	210	54.1	74.2
Antimony	6.1	3.5	42.6
Arsenic	145.6	104.8	28.0
Beryllium	50.1	5.4	89.2
Bismuth	34.6	1.7	95.1
Cadmium	74.4	41.9	43.7
Chromium	88.5	63.0	28.8
Copper	340	151.9	55.3
Iron	387	128	66.9
Lead	92.3	35.9	61.1
Manganese	96.9	48.0	50.5
Mercury	273	56.7	79.2
Nickel	6.1	2.1	65.5
Selenium	47.7	31.8	33.3
Zinc	3000	450	85.0
<b>Pesticide Contaminants µg/L</b>			
4,4'-DDD	50.1	10.1	79.8
4,4'-DDE	51.2	11.2	78.1
4,4'-DDT	51.2	12.3	76.0
Alachlor	40.2	15.2	62.2
Aldrin	51.2	12.3	76.0
Alpha-BHC	50.2	12.3	75.5
Ametryn	50.2	11.2	77.7
Atraton	50.8	10.4	79.5
Atrazine	9.8	4.5	54.1
Beta-BHC	50.1	10.2	79.6
Bromacil	50.8	12.3	75.8
Carbofuran	80.3	40.5	49.6
Chlordane	40.5	21.2	47.7
Chlorneb	51.3	20.2	60.6
Chlorobenzilate	50.5	20.3	59.8
Chlorothalonil	50.2	21.5	57.2
Chlorprophane	51.2	21.6	57.8
Chlorpyrifos	51.3	21.5	58.1
Cyanizene	51.1	21.3	58.3
Delta-BHC	50.9	21	58.7
Dichlorvos	50.2	20.5	59.2
Dieldrin	50.9	20.6	59.5
Diphenamid	51.2	20.3	60.4
Disulfoton	50.4	23.5	53.4
Endosulfan Sulfate	51.0	23.3	54.3
Endrin	6.1	2.3	62.3
Endrin Aldehyde	51.5	23.2	55.0
Endrin Ketone	51.0	20.5	59.8
Endosulfan I	50.3	20.3	59.6
Endosulfan II	50.3	20.3	59.6
Ethoprop	50.4	23.1	54.2
Fenamiphos	51.2	20.3	60.4
Fenarimol	50.2	20.3	59.6
Fluoridone	50.9	20.3	60.1
Gamma-BHC (Lindane)	2.1	0.8	61.9
Glyphosate	800	420	47.5
Heptachlor	80.0	42.1	47.4
Heptachlor Epoxide	4.0	2.3	42.5
Methoxychlor	124	52.3	57.8
Molinate	50.4	20.3	59.7
PCB's	10.4	5.3	49.0

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<b>Pesticide Contaminants µg/L</b>			
Prometon	15.0	7.5	50.0
Simazine	12.3	6.2	49.6
Toxaphene	15.2	7.3	52.0
<b>Semivolatile Contaminants µg/L</b>			
Acenaphthylene	50.3	12.1	75.9
Anthracene	50.2	12.3	75.5
Benz[a]anthracene	50.8	12.5	75.4
Benzo[b]fluoranthene	51.2	10.4	79.7
Benzo[k]fluoranthene	50.2	12.2	75.7
Benzo[a]pyrene	50.6	12.5	75.3
Benzo[g,h,i]perylene	50.3	12.8	74.6
Butylbenzylphthalate	50.4	13.4	73.4
Carboxin	50.2	12.4	75.3
2-Chlorobiphenyl	50.8	12.6	75.2
Chrysene	51.2	12.4	75.8
Cycloate	50.2	12.8	74.5
Dacthal (DCPA)	50.6	12.9	74.5
Diazinon	50.2	12.6	74.9
Dibenz[a,h]anthracene	50.3	12.9	74.4
Di-n-Butylphthalate	50.4	12.8	74.6
2,3-Dichlorobiphenyl	50.1	12.6	74.9
Diethylphthalate	50.2	13.5	73.1
Di(2-ethylhexyl)adipate	50.8	11.8	76.8
Di(2-ethylhexyl)phthalate	50.3	11.9	76.3
Dimethylphthalate	50.2	12.6	74.9
EPTC	50.4	13.5	73.2
Fluorene	50.8	12.6	75.2
2,2', 3,3', 4,4', 6-Heptachlorobiphenyl	50.2	13.5	73.1
Hexachlorobenzene	50.4	13.6	73.0
2,2', 4,4', 5,6'-Hexachlorobiphenyl	50.2	13.8	72.5
Hexachlorocyclohexane, alpha	50.2	12.5	75.1
Hexachlorocyclohexane, beta	50.3	12.6	75.0
Hexachlorocyclohexane, delta	50.2	12.6	74.9
Hexachlorocyclopentadiene	50.5	12.5	75.2
Hexazinone	50.7	12.5	75.3
Indeno[1,2,3,c,d]pyrene	50.2	12.4	75.3
Isophorone	50.2	12.5	75.1
Merphos	50.2	13.6	72.9
Methyl Paraoxon	50.4	12.5	75.2
Norflurazon	50.6	13.6	73.1
2,2', 3,3', 4,5', 6,6'-Octachlorobiphenyl	50.2	13.6	72.9
Pebulate	50.8	12.8	74.8
2,2', 3', 4,6'-Pentachlorobiphenyl	50.3	12.9	74.4
Pentachlorophenol	51.2	13.4	73.8
Phenanthrene	50.1	13.6	72.9
cis-Permethrin	50.2	13.7	72.7
trans-Permethrin	50.2	13.2	73.7
Prometon	52.3	12.6	75.9
Prometryn	52.1	12.9	75.2
Pronamide	50.8	13.5	73.4
Propachlor	50.6	13.6	73.1
Propazine	50.9	14.5	71.5
Triademefon	49.2	14.6	70.3
2,4,5-Trichlorobiphenyl	49.5	13.6	72.5
Tricyclazole	49.4	12.8	74.1
Trifluralin	50.5	14.5	71.3
Vernolate	50.3	12.3	75.5
<b>Disinfectant and Inorganic Non-Metallic Contaminants in mg/L</b>			
Chloramines	3.1	0.9	71.0
Chlorine	2.1	0.9	57.1
Chloride	250	170	31.8
Sodium Fluoride	8.3	4.3	48.2

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<b>Disinfectant and Inorganic Non-Metallic Contaminants in mg/L</b>			
Hexafluorosilicate	7.9	4.5	43.0
Fluorosilic Acid	8.1	4.2	48.1
Nitrates	27.5	21.0	23.6
Nitrites	2.9	0.5	82.8
<b>Herbicide Contaminants in µg/L</b>			
Dalapon	151	25.2	83.3
Dicamba	151	24.6	83.7
Dinosep	20.1	10.2	49.3
Dichlorporp	151	24.8	83.6
2,4-D	204	24.7	87.9
Pentachlorophenol	10.1	5.4	46.5
Picoram	150	25.1	83.3
2,4,5-T	152	25.6	83.2
2,4,5-TP (Silvex)	151	23.6	84.4
2,4-DB	152	25.1	83.5
Bentazom	150	23.5	84.3
DCPA	151	25.2	83.3
Quinclorac	151	26.5	82.5
Aciflufen	150	26.5	82.3
<b>Pharmaceutical Drugs Contaminants in µg/L</b>			
Acetaminofen	20.1	5.2	74.1
Caffeine	20.3	5.4	73.4
Carbamazepine	20.2	5.3	73.8
Ciprofloxacin HCl	20.5	5.4	73.7
Erythromycin USP	20.8	5.8	72.1
Sulfamethoxazole	20.5	5.7	72.2
Trimethoprim	20.8	5.2	75.0
Bisphenol A	20.5	5.6	72.7
Diclofenac Sodium	20.6	5.4	73.8
4-para-Nonylphenol	20.4	5.8	71.6
4-tert-Octylphenol	20.8	5.2	75.0
Primidone	20.9	5.8	72.2
Progesterone	20.4	5.1	75.0
Gemfibrozil	21.2	5.2	75.5
Ibuprofen	20.5	5.9	71.2
Naproxen Sodium	20.7	5.8	72.0
Triclosan	20.5	5.1	75.1
<b>Microbiological Contaminants in Colonies Forming Units/100mL (CFU/ 100mL)</b>			
Total coliform	1000 CFU/100mL	520 CFU/100mL	48.0
Eschericia coli	500 CFU/100mL	260 CFU/100mL	48.0
Fecal Coliform	500 CFU/100mL	280 CFU/100mL	44.0

## Jaime Young

Jaime Young  
 Lab Director

The reduction of contaminants or other substances that maybe present in your water supply may vary depending on its content. The contaminants or other substances reduced are not necessarily present in all users water. Some contaminants maybe more easily filtered than others. Percentage of reductions will vary over the life of the filter based on the level of contaminant(s) found in your eater supply, usage rate and psi of your water source. Testing was performed under standard laboratory conditions. Actual performance may vary. Do not use with water that is microbiologically unsafe or of unknown water quality with adequate disinfection.