ENVIROTEK LABORATORIES, INC.
Bordentown, New Jersey 08505
PHONE 856-478-0010 www.enviroteklab.com
EPA ID # NJ01298 NJ DEP ID # 03048

TEST RESULTS

FOR

Propur Water Purification Systems

1200 BENSTEIN ROAD

COMMERCE TWP. MICHIGAN, 48390

Filter Element ProOne® G3.0

NSF Standard 53, and NSF Standard 42

Chemical Reduction Tests Results

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FILTER ELEMENT PROONE® G3.0 WATER TEST REPORT

Report # 15-318 (Filter Element ProOne® G3.0)
Report Date: 11/21/2015
Customer Name: Propur Water Purification Systems

Drinking Water Contaminant Tested	Influent Water Concentration in µg/L	Filter Element ProOne® G3.0 Effluent Concentration in µg/L	% Reduction
Volatile Organic Contaminants µg/L			
Dichlorodifluoromethane	80.1	<0.5	99.9+
Chloromethane	80.3	<0.5	99.9+
Vinylchloride	80.2	<0.5	99.9+
Bromomethane	80.0	<0.5	99.9+
Chloroethane	80.1	<0.5	99.9+
Trichlorofluoromethane	80.1	<0.5	99.9+
1,1-Dichloroethene	82.0	<0.5	99.9+
Methylene Chloride	80.2	1.37	98.3+
trans-1,2-Dichloroehene	81.2	<0.5	99.9+
MTBE	81.0	<0.5	99.9+
1,1-Dichlorethane	82.0	<0.5	99.9+
cis-1,2-Dichloroethene	170.2	<0.5	99.9+
2,2-Dichloropropane	80.1	<0.5	99.9+
Bromochloromethane	81.0	<0.5	99.9+
Chloroform	80.5	1.3	98.4+
Carbon Tetrachloride	80.0	<0.5	99.9+
1,1,1-Trichloroethane	80.2	<0.5	99.9+
1,1-Dichloropropene	80.2	<0.5	99.9+
Benzene	80.4	<0.5	99.9+
1,2-Dichloroethane	80.2	<0.5	99.9+
Trichloroethene	180.1	<0.5	99.9+
Dibromomethane	80.2	<0.5	99.9+
1,2-Dichloropropane	81.3	<0.5	99.9+
Bromodichloromethane	80.0	<0.5	99.9+
cis-1,3-Dichloropropene	51.2	<0.5	99.9+
Toluene	80.0	<0.5	99.9+
trans-1,3-Dichloropropene	80.0	<0.5	99.9+
Tetrachloroethene	80.0	<0.5	99.9+
1,1,2-Trichloroethane	151.3	<0.5	99.9+
Chlorodibromomethane	80.2	1.3	98.4+
1,3-Dichloropropane	80.1	<0.5	99.9+
Ethylbenzene	81.0	<0.5	99.9+
Chlorobenzene	80.5	<0.5	99.9+
1,1,1,2-Tetrachloroethane	80.8	<0.5	99.9+
m-Xylene	70.2	<0.5	99.9+
o-Xylene	70.5	<0.5	99.9+
Styrene	80.0	<0.5	99.9+
Bromoform	80.5	<0.5	99.9+
Isopropylbenzene	80.1	<0.5	99.9+
n-Propylbenzene	80.8	<0.5	99.9+
Bromobenzene	80.1	<0.5	99.9+
1,1,2,2-Tetrachloroethane	80.0	<0.5	99.9+
1,3,5-Trimethylbenzene	80.1	<0.5	99.9+
2-Chlorotoluene	80.2	<0.5	99.9+
1,2,3-Trichloropropane	80.2	<0.5	99.9+
4-Chlorotoluene	80.2	<0.5	99.9+
tert-Butylbenzene	80.2	<0.5	99.9+
1,2,4-Trimethylbenzene	80.8	<0.5	99.9+
sec-Butylbenzene	80.3	<0.5	99.9+
4-Isopropyltoluene	80.5	<0.5	99.9+
1,3-Dichlorobenzene	80.1	<0.5	99.9+
1,4-Dichlorobenzene	41.0	<0.5	99.9+
n-Butylbenzene	80.0	<0.5	99.9+
1,2-Dichlorobenzene	80.1	<0.5	99.9+

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Volatile Organic Contaminants µg/L			
Hexachlorobutadiene	45.0	<0.5	99.9+
1,2,4-Trichlorobenzene	160.4	<0.5	99.9+
Naphthalene	80.0	<0.5	99.9+
1,2,3-Trichlorobenzene	80.5	<0.5	99.9+
TTHM's	320	3.0	99.1+
Heavy Metal Contaminants µg/L			
Aluminum	222	<2	99.9+
Antimony	6.1	<0.5	99.9+
Arsenic (+3 and +5)	306	<2	99.9+
Beryllium	50.2	<0.5	99.9+
Bismuth	50.2	<2	99.9+
Cadmium	30.4	<0.5	99.9+
Chromium (+3 and +6)	304	<2	99.9+
Copper	3040	<2	99.9+
Iron	3010	37	98.8+
Lead	152	<2	99.9+
Manganese	1020	<2	99.9+
Mercury	6.2	<0.5	99.9+
Nickel	104	<2	99.9+
Selenium	102	<2	99.9+
Zinc	102	<2	99.9+
Pesticide Contaminants µg/L			
4,4'-DDD	50.1	<0.1	99.9+
4,4'-DDE	50.1	<0.1	99.9+
4,4'-DDT	50.2	<0.1	99.9+
Alachlor	40.5	<0.1	99.9+
Aldrin	50.1	<0.1	99.9+
Alpha-BHC	50.8	<0.1	99.9+
Ametryn	51.0	<0.1	99.9+
Atraton	50.2	<0.1	99.9+
Atrazine	9.8	<0.1	99.9+
Beta-BHC	50.9	<0.1	99.9+
Bromacil	50.2	<0.1	99.9+
Carbofuran	80.1	<0.1	99.9+
Chlordane	40.1	<0.1	99.9+
Chlorneb	50.0	<0.1	99.9+
Chlorobenzilate	50.9	<0.1	99.9+
Chlorothalonil	50.1	<0.1	99.9+
Chlorprophane	50.2	<0.1	99.9+
Chlorpyrifos	50.3	<0.1	99.9+
Cyanizene	50.1	<0.1	99.9+
Delta-BHC	50.2	<0.1	99.9+
Dichlorvos	50.1	<0.1	99.9+
Dieldrin	50.4	<0.1	99.9+
Diphenamid	51.1	<0.1	99.9+
Disulfoton	50.2	<0.1	99.9+
Endosulfan Sulfate	49.0	<0.1	99.9+
Endrin	6.1	<0.1	99.9+
Endrin Aldehide	50.5	<0.1	99.9+
Endrin Ketone	50.0	<0.1	99.9+
Endusulfan I	49.8	<0.1	99.9+
Endusulfan II	50.2	<0.1	99.9+
Ethoprop	50.2	<0.1	99.9+
Fenamiphos	50.2	<0.1	99.9+
Fenarimol	50.2	<0.1	99.9+
Fluoridone	50.4	<0.1	99.9+
Gamma-BHC (Lindane)	2.1	<0.1	99.9+
Heptachlor	80.0	<0.1	99.9+
Heptachlor Epoxide	4.0	<0.1	99.9+
Methoxychlor	122	<0.1	99.9+
Molinate	50.4	<0.1	99.9+
PCB's	10.4	<0.1	99.9+

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Pesticide Contaminants µg/L			
Prometron	50.1	<0.1	99.9+
Simazine	12.1	<0.1	99.9+
Toxaphene	15.1	<0.1	99.9+
Semivolatile Contaminants µg/L			
Acenaphthylene	50.3	<0.5	99.9+
Anthracene	50.1	<0.5	99.9+
Benz[a]anthracene	51.0	<0.5	99.9+
Benzo[b]fluoranthene	50.2	<0.5	99.9+
Benzo[k]fluoranthene	50.3	<0.5	99.9+
Benzo[a]pyrene	51.1	<0.5	99.9+
Benzo[g,h,i]perylene	50.3	<0.5	99.9+
Butylbenzylphthalate	50.2	<0.5	99.9+
Carboxin	50.3	<0.5	99.9+
2-Chlorobiphenyl	50.1	<0.5	99.9+
Chrysene	50.1	<0.5	99.9+
Cycloate	49.9	<0.5	99.9+
Dacthal (DCPA)	50.6	<0.5	99.9+
Diazinon	50.1	<0.5	99.9+
Dibenz[a,h]anthracene	50.5	<0.5	99.9+
Di-n-Butylphthalate	51.2	<0.5	99.9+
2,3-Dichlorobiphenyl	51.3	<0.5	99.9+
Diethylphthalate	50.4	<0.5	99.9+
Di(2-ethylhexyl)adipate	51.0	<0.5	99.9+
Di(2-ethylhexyl)phthalate	50.1	<0.5	99.9+
Dimethylphthalate	51.0	<0.5	99.9+
EPTC	50.3	<0.5	99.9+
Fluorene	50.2	<0.5	99.9+
2,2', 3,3', 4,4', 6-Heptachlorobiphenyl	50.1	<0.5	99.9+
Hexachlorobenzene	50.9	<0.5	99.9+
2,2', 4,4', 5,6'-Hexachlorobiphenyl	51.0	<0.5	99.9+
Hexachlorocyclohexane, alpha	51.0	<0.5	99.9+
Hexachlorocyclohexane, beta	50.4	<0.5	99.9+
Hexachlorocyclohexane, delta	50.2	<0.5	99.9+
Hexachlorocyclopentadiene	51.0	<0.5	99.9+
Hexazinone	51.0	<0.5	99.9+
Indeno[1,2,3,c,d]pyrene	50.4	<0.5	99.9+
Isophorone	50.2	<0.5	99.9+
Merphos	50.1	<0.5	99.9+
Methyl Paraoxon	50.4	<0.5	99.9+
Norflurazon	50.4	<0.5	99.9+
2,2', 3,3', 4,5', 6,6'-Octachlorobiphenyl	51.2	<0.5	99.9+
Pebulate	50.1	<0.5	99.9+
2,2', 3', 4,6'-Pentachlorobiphenyl	50.2	<0.5	99.9+
Pentachlorophenol	51.2	<0.5	99.9+
Phenanthrene	50.1	<0.5	99.9+
cis-Permethrin	50.0	<0.5	99.9+
trans-Permethrin	50.0	<0.5	99.9+
Prometon	51.0	<0.5	99.9+
Prometryn	51.0	<0.5	99.9+
Pronamide	49.0	<0.5	99.9+
Propachlor	50.0	<0.5	99.9+
Propazine	50.9	<0.5	99.9+
Triademefon	48.2	<0.5	99.9+
2,4,5-Trichlorobiphenyl	49.9	<0.5	99.9+
Tricyclazole	50.4	<0.5	99.9+
Trifluralin	50.5	<0.5	99.9+
Vernolate	50.1	<0.5	99.9+
Disinfectant and Inorganic Non-Metallic Contaminants in mg/L			
Chloramines	3.1	<0.1	99.9+
Free Chlorine	2.1	<0.1	99.9+
Chloride	800	5	99.4+
Sodium Fluoride	8.0	0.3	96.2+

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Disinfectant and Inorganic Non-Metallic Contaminants in mg/L			
Hexafluorosilicate	8.2	0.4	95.1+
Fluorosilic Acid	8.2	0.3	96.3+
Nitrates	27.1	<0.1	99.9+
Nitrites	3.0	<0.1	99.9+
Herbicide Contaminants in µg/L			
Dalapon	151	<0.1	99.9+
Dicamba	150	<0.1	99.9+
Dinosep	20.1	<0.1	99.9+
Dichlorporp	150	<0.1	99.9+
2,4-D	202	<0.1	99.9+
Pentachlorophenol	10.1	<0.1	99.9+
Picoram	150	<0.1	99.9+
2,4,5-T	151	<0.1	99.9+
2,4,5-TP (Silvex)	151	<0.1	99.9+
2,4-DB	152	<0.1	99.9+
Bentazom	151	<0.1	99.9+
DCPA	150	<0.1	99.9+
Quinclorac	151	<0.1	99.9+
Aciflurfen	150	<0.1	99.9+
Pharmaceutical Drugs Contaminants in µg/L			
Acetaminofen	20.1	<0.5	99.9+
Caffeine	20.8	<0.5	99.9+
Carbamazepine	20.1	<0.5	99.9+
Ciprofloxacin HCl	20.2	<0.5	99.9+
Erythromycin USP	20.1	<0.5	99.9+
Sulfamethoxazole	20.2	<0.5	99.9+
Trimethoprim	20.0	<0.5	99.9+
Bisphenol A	20.1	<0.5	99.9+
Diclofenac Sodium	20.6	<0.5	99.9+
4-para-Nonylphenol	20.0	<0.5	99.9+
4-tert-Octylphenol	20.8	<0.5	99.9+
Primidone	20.1	<0.5	99.9+
Progestrone	20.2	<0.5	99.9+
Gemfibrozil	20.4	<0.5	99.9+
Ibuprofen	20.5	<0.5	99.9+
Naproxen Sodium	20.2	<0.5	99.9+
Triclosan	20.1	<0.5	99.9+

Jaime Young

Jaime Young
Lab Director

The removal/reduction of contaminants or other substances that maybe present in your water supply may vary depending on its content. The contaminants or other substances removed or 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 water supply, usage rate and psi of your water source. Testing was performed under standard laboratory conditions. Actual performance may vary. You may expect similar performance for the PP100 and PP500 series systems. Do not use with water this is microbiologically unsafe or of unknown water quality with adequate disinfection.