

# ENVIROTEK LABORATORIES, INC.

33 Third Street, Bordentown, NJ 08505  
PHONE 856-478-0010 [www.enviroteklab.com](http://www.enviroteklab.com)  
EPA ID # NJ01298 NJ DEP ID # 03048

## **TEST RESULTS FOR ALEXAPURE, LLC**

**Gravity Block Filter With Hybrid Shell  
NSF Standard 53, and NSF Standard 42  
Chemical Reduction Tests Results**

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## GRAVITY BLOCK FILTER WATER TEST REPORT

Report # 15-125 (Gravity Block Filter With Hybrid Shell)

Report Date: 10/24/2015

Customer Name: Alexapure, LLC.

Drinking Water Contaminant Tested	Influent Water Concentration in µg/L	Gravity Block Filter Element 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	80.3	<0.5	99.9+
Bromomethane	80.4	<0.5	99.9+
Chloroethane	80.1	<0.5	99.9+
Trichlorofluoromethane	80.1	<0.5	99.9+
1,1-Dichloroethene	81.0	<0.5	99.9+
Methylene Chloride	80.2	<0.5	99.9+
trans-1,2-Dichloroethene	80.5	<0.5	99.9+
MTBE	80.5	<0.5	99.9+
1,1-Dichloroethane	80.2	<0.5	99.9+
cis-1,2-Dichloroethene	171.1	<0.5	99.9+
2,2-Dichloropropane	80.1	<0.5	99.9+
Bromochloromethane	81.0	<0.5	99.9+
Chloroform	81.1	<0.5	99.9+
Carbon Tetrachloride	80.0	<0.5	99.9+
1,1,1-Trichloroethane	81.3	<0.5	99.9+
1,1-Dichloropropene	81.0	<0.5	99.9+
Benzene	81.0	<0.5	99.9+
1,2-Dichloroethane	80.0	<0.5	99.9+
Trichloroethene	180.1	<0.5	99.9+
Dibromomethane	80.2	<0.5	99.9+
1,2-Dichloropropane	80.1	<0.5	99.9+
Bromodichloromethane	80.0	<0.5	99.9+
cis-1,3-Dichloropropene	50.1	<0.5	99.9+
Toluene	80.1	<0.5	99.9+
trans-1,3-Dichloropropene	81.2	<0.5	99.9+
Tetrachloroethene	80.5	<0.5	99.9+
1,1,2-Trichloroethane	150.8	<0.5	99.9+
Chlorodibromomethane	80.1	<0.5	99.9+
1,3-Dichloropropane	79.9	<0.5	99.9+
Ethylbenzene	82.2	<0.5	99.9+
Chlorobenzene	79.8	<0.5	99.9+
1,1,1,2-Tetrachloroethane	79.8	<0.5	99.9+
m-Xylene	70.0	<0.5	99.9+
o-Xylene	70.2	<0.5	99.9+
Styrene	80.1	<0.5	99.9+
Bromoform	80.4	<0.5	99.9+
Isopropylbenzene	80.2	<0.5	99.9+
n-Propylbenzene	80.2	<0.5	99.9+
Bromobenzene	80.0	<0.5	99.9+
1,1,2,2-Tetrachloroethane	81.0	<0.5	99.9+
1,3,5-Trimethylbenzene	80.1	<0.5	99.9+
2-Chlorotoluene	80.1	<0.5	99.9+
1,2,3-Trichloropropane	80.2	<0.5	99.9+
4-Chlorotoluene	80.3	<0.5	99.9+
tert-Butylbenzene	80.2	<0.5	99.9+
1,2,4-Trimethylbenzene	80.4	<0.5	99.9+
sec-Butylbenzene	80.1	<0.5	99.9+
4-Isopropyltoluene	80.2	<0.5	99.9+
1,3-Dichlorobenzene	80.2	<0.5	99.9+
1,4-Dichlorobenzene	40.1	<0.5	99.9+
n-Butylbenzene	80.0	<0.5	99.9+
1,2-Dichlorobenzene	80.3	<0.5	99.9+

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Drinking Water Contaminant Tested	Influent Water Concentration in µg/L	Gravity Block Filter Element Effluent Concentration in µg/L	% Reduction
<b>Volatile Organic Contaminants µg/L</b>			
Hexachlorobutadiene	44.1	<0.5	99.9+
1,2,4-Trichlorobenzene	160.1	<0.5	99.9+
Naphthalene	80.2	<0.5	99.9+
1,2,3-Trichlorobenzene	80.0	<0.5	99.9+
<b>Heavy Metal Contaminants µg/L</b>			
Aluminum	220	<2	99.9+
Antimony	6.2	<0.5	99.9+
Arsenic	310	<0.5	99.9+
Beryllium	50.2	<0.2	99.9+
Bismuth	50.2	0.7	97.4+
Cadmium	30.1	<0.2	99.9+
Chromium	302	4.9	98.7+
Copper	3050	29.1	99.0+
Iron	3030	24.2	99.2+
Lead	152	5.4	96.4+
Manganese	1020	<0.5	99.9+
Mercury	6.1	<0.1	99.9+
Nickel	102	<0.5	99.9+
Selenium	106	<0.5	99.9+
Zinc	102	18.4	82.0+
<b>Pesticide Contaminants µg/L</b>			
4,4'-DDD	50.1	<0.1	99.9+
4,4'-DDE	50.2	<0.1	99.9+
4,4'-DDT	50.1	<0.1	99.9+
Alachlor	40.1	<0.1	99.9+
Aldrin	50.1	<0.1	99.9+
Alpha-BHC	49.9	<0.1	99.9+
Ametryn	50.1	<0.1	99.9+
Atraton	51.0	<0.1	99.9+
Atrazine	9.9	<0.1	99.9+
Beta-BHC	49.7	<0.1	99.9+
Bromacil	51.1	<0.1	99.9+
Carbofuran	80.0	<0.1	99.9+
Chlordane	40.2	<0.1	99.9+
Chlorneb	51.0	<0.1	99.9+
Chlorobenzilate	49.9	<0.1	99.9+
Chlorothalonil	50.2	<0.1	99.9+
Chlorprophane	51.1	<0.1	99.9+
Chlorpyrifos	51.1	<0.1	99.9+
Cyanizene	51.2	<0.1	99.9+
Delta-BHC	50.8	<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	51.0	<0.1	99.9+
Endrin	6.1	<0.1	99.9+
Endrin Aldehyde	51.5	<0.1	99.9+
Endrin Ketone	51.0	<0.1	99.9+
Endosulfan I	49.5	<0.1	99.9+
Endosulfan II	50.1	<0.1	99.9+
Ethoprop	50.2	<0.1	99.9+
Fenamiphos	51.2	<0.1	99.9+
Fenarimol	50.4	<0.1	99.9+
Fluoridone	51.2	<0.1	99.9+
Gamma-BHC (Lindane)	2.1	<0.1	99.9+
Glyphosate	798	<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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<b>Pesticide Contaminants µg/L</b>			
Prometon	50.0	<0.1	99.9+
Simazine	12.1	<0.1	99.9+
Toxaphene	15.2	<0.1	99.9+
<b>Semivolatile Contaminants µg/L</b>			
Acenaphthylene	50.1	<0.5	99.9+
Anthracene	50.1	<0.5	99.9+
Benz[a]anthracene	51.5	<0.5	99.9+
Benzo[b]fluoranthene	50.2	<0.5	99.9+
Benzo[k]fluoranthene	50.1	<0.5	99.9+
Benzo[a]pyrene	51.8	<0.5	99.9+
Benzo[g,h,i]perylene	50.1	<0.5	99.9+
Butylbenzylphthalate	50.2	<0.5	99.9+
Carboxin	50.1	<0.5	99.9+
2-Chlorobiphenyl	50.2	<0.5	99.9+
Chrysene	50.4	<0.5	99.9+
Cycloate	49.9	<0.5	99.9+
Dacthal (DCPA)	49.2	<0.5	99.9+
Diazinon	50.1	<0.5	99.9+
Dibenz[a,h]anthracene	50.2	<0.5	99.9+
Di-n-Butylphthalate	51.4	<0.5	99.9+
2,3-Dichlorobiphenyl	52.2	<0.5	99.9+
Diethylphthalate	50.1	<0.5	99.9+
Di(2-ethylhexyl)adipate	51.0	<0.5	99.9+
Di(2-ethylhexyl)phthalate	50.0	<0.5	99.9+
Dimethylphthalate	51.4	<0.5	99.9+
EPTC	52.1	<0.5	99.9+
Fluorene	51.0	<0.5	99.9+
2,2', 3,3', 4,4', 6-Heptachlorobiphenyl	50.1	<0.5	99.9+
Hexachlorobenzene	49.0	<0.5	99.9+
2,2', 4,4', 5,6'-Hexachlorobiphenyl	51.1	<0.5	99.9+
Hexachlorocyclohexane, alpha	50.2	<0.5	99.9+
Hexachlorocyclohexane, beta	50.1	<0.5	99.9+
Hexachlorocyclohexane, delta	50.2	<0.5	99.9+
Hexachlorocyclopentadiene	51.7	<0.5	99.9+
Hexazinone	51.1	<0.5	99.9+
Indeno[1,2,3,c,d]pyrene	50.0	<0.5	99.9+
Isophorone	50.0	<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	50.8	<0.5	99.9+
2,2', 3', 4,6'-Pentachlorobiphenyl	49.8	<0.5	99.9+
Pentachlorophenol	51.2	<0.5	99.9+
Phenanthrene	50.1	<0.5	99.9+
cis-Permethrin	50.2	<0.5	99.9+
trans-Permethrin	49.0	<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	50.1	<0.5	99.9+
Propazine	50.9	<0.5	99.9+
Triademefon	49.3	<0.5	99.9+
2,4,5-Trichlorobiphenyl	49.0	<0.5	99.9+
Tricyclazole	49.4	<0.5	99.9+
Trifluralin	50.2	<0.5	99.9+
Vernolate	50.2	<0.5	99.9+
<b>Disinfectant and Inorganic Non-Metallic Contaminants in mg/L</b>			
Chloramines	3.1	<0.1	99.9+
Free Chlorine	2.1	<0.1	99.9+
Chloride	250	0.1	99.9+
Sodium Fluoride	4.2	0.1	97.6+

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<b>Disinfectant and Inorganic Non-Metallic Contaminants in mg/L</b>			
Hexafluorosilicate	4.2	0.2	95.2+
Fluorosilic Acid	4.1	0.2	95.1+
Nitrates	27.2	0.5	98.2+
Nitrites	2.9	<0.1	99.9+
<b>Herbicide Contaminants in µg/L</b>			
Dalapon	151	<0.1	99.9+
Dicamba	150	<0.1	99.9+
Dinosep	20.1	<0.1	99.9+
Dichloroporp	150	<0.1	99.9+
2,4-D	210	<0.1	99.9+
Pentachlorophenol	10.2	<0.1	99.9+
Picoram	151	<0.1	99.9+
2,4,5-T	152	<0.1	99.9+
2,4,5-TP (Silvex)	151	<0.1	99.9+
2,4-DB	150	<0.1	99.9+
Bentazom	150	<0.1	99.9+
DCPA	150	<0.1	99.9+
Quinclorac	151	<0.1	99.9+
Aciflurfen	149	<0.1	99.9+
<b>Pharmaceutical Drugs Contaminants in µg/L</b>			
Acetaminofen	20.1	<0.1	99.9+
Caffeine	19.9	<0.1	99.9+
Carbamazepine	20.0	<0.1	99.9+
Ciprofloxacin HCl	20.2	<0.1	99.9+
Erythromycin USP	20.2	<0.1	99.9+
Sulfamethoxazole	20.1	<0.1	99.9+
Trimethoprim	21.0	<0.1	99.9+
Bisphenol A	20.4	<0.1	99.9+
Diclofenac Sodium	19.9	<0.1	99.9+
4-para-Nonylphenol	20.0	<0.1	99.9+
4-tert-Octylphenol	20.2	<0.1	99.9+
Primidone	20.4	<0.1	99.9+
Progesterone	20.3	<0.1	99.9+
Gemfibrozil	20.1	<0.1	99.9+
Ibuprofen	20.2	<0.1	99.9+
Naproxen Sodium	20.2	<0.1	99.9+
Triclosan	20.4	<0.1	99.9+

**Jaime Young**

Jaime Young  
Lab Director