

ENVIROTEK LABORATORIES, INC.

120 White Owl Trail, Mullica Hill, NJ 08062
PHONE 856-478-0010 www.enviroteklab.com
EPA ID # NJ01298 NJ DEP ID # 08012

TEST RESULTS

FOR

H₂O Technologies, Inc.

7071 BOWERMAN ROAD

HORTON, MICHIGAN, 49246

Adya Clarity @ 2mL per Liter

NSF Standard 53

Chemical Reduction Tests Results

NSF Protocol P231

Microbiological Water Purifiers.

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ADYA CLARITY TREATED AND FILTERED WATER TEST REPORT

Report # 13-345 {Adya Clarity (2mL/L) + Filter System}

Report Date: 10/22/2013

Customer Name: H₂O Technologies, Inc.

Drinking Water Contaminant Tested	Influent Water Concentration in µg/L	Adya Clarity + Filter System Effluent Concentration in µg/L	% Reduction
Pesticide and Semivolatiles Contaminants			
4,4'-DDD	50.1	10.5	79.0
4,4'-DDE	50.0	9.5	81.0
4,4'-DDT	50.2	9.4	81.3
Alachlor	40.1	8.5	78.8
Aldrin	50.2	10.5	79.1
Alpha-BHC	49.8	9.8	80.3
Ametryn	50.0	10.1	79.8
Atraton	51.3	10.2	80.1
Atrazine	9.0	<0.5	99.9
Beta-BHC	49.2	7.5	84.8
Bromacil	51.0	9.4	81.6
Carbofuran	80.2	2.5	96.9
Chlordane	40.1	3.2	92.0
Chlorneb	51.0	10.7	79.0
Chlorobenzilate	49.5	9.5	80.8
Chlorothalonil	50.1	7.1	85.8
Chlorprophane	51.5	6.5	87.4
Chlorpyrifos	51.4	8.5	83.5
Cyanizene	51.0	8.8	82.7
Delta-BHC	50.1	7.3	85.4
Dichlorvos	50.1	7.5	85.0
Dieldrin	49.4	8.6	82.6
Diphenamid	51.2	8.4	83.6
Disulfoton	50.1	9.8	80.4
Endosulfan Sulfate	51.1	8.6	83.2
Endrin	6.1	<0.5	99.9
Endrin Aldehyde	51.2	10.5	79.5
Endrin Ketone	52.1	10.3	80.2
Endusulfan I	49.8	11.6	76.7
Endusulfan II	50.2	10.8	78.5
Ethoprop	50.2	10.7	78.7
Fenamiphos	51.2	10.6	79.3
Fenarimol	50.2	8.9	82.3
Fluoridone	51.4	9.7	81.1
Gamma-BHC (Lindane)	2.1	<0.5	99.9
Glyphosate	790	<1	99.9
Heptachlor Epoxide	4.2	<0.5	99.9
Methoxychlor	120	<0.5	95.1
Molinate	50.6	2.5	85.0
PCB's	10.0	1.5	94.8
Prometron	50.2	2.6	76.9
Simazine	12.1	2.8	76.8
Toxaphene	15.1	3.5	93.2
Acenaphthylene	50.1	3.4	88.5
Anthracene	50.3	5.8	86.7
Benz[a]anthracene	51.3	6.8	84.5
Benzo[b]fluoranthene	50.4	7.8	82.9
Benzo[k]fluoranthene	49.8	8.5	81.3
Benzo[a]pyrene	51.4	9.6	86.4
Benzo[g,h,i]perylene	50.0	6.8	88.5
Butylbenzylphthalate	50.5	5.8	85.3
Carboxin	50.2	7.4	89.5
2-Chlorobiphenyl	50.7	5.3	95.1
Chrysene	51.1	2.3	95.5

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Pesticide and Semivolatiles Contaminants			
Cycloate	51.8	3.5	93.2
Dacthal (DCPA)	51.2	2.8	94.5
Diazinon	52.0	3.6	93.1
Dibenz[a,h]anthracene	51.4	3.7	92.8
Di-n-Butylphthalate	49.5	5.4	89.1
2,3-Dichlorobiphenyl	50.4	5.6	88.9
Diethylphthalate	49.0	6.5	86.7
Di(2-ethylhexyl)adipate	50.1	4.7	99.9
Di(2-ethylhexyl)phthalate	52.0	5.6	89.2
Dimethylphthalate	51.0	6.8	86.7
EPTC	50.5	6.4	87.3
Fluorene	49.8	6.1	87.8
2,2', 3,3', 4,4', 6-Heptachlorobiphenyl	51.3	2.5	95.1
Hexachlorobenzene	49.8	3.5	93.0
2,2', 4,4', 5,6'-Hexachlorobiphenyl	50.8	4.5	91.1
Hexachlorocyclohexane, alpha	51.4	5.2	89.9
Hexachlorocyclohexane, beta	51.2	3.6	93.0
Hexachlorocyclohexane, delta	51.2	3	94.1
Hexachlorocyclopentadiene	50.2	2.5	95.0
Hexazinone	50.5	3.5	93.1
Indeno[1,2,3,c,d]pyrene	49.2	3.6	92.7
Isophorone	51.4	4.5	91.2
Merphos	51.2	4.2	91.8
Methyl Paraoxon	51.1	4.1	92.0
Norflurazon	51.3	2.5	99.9
2,2', 3,3', 4,5', 6,6'-Octachlorobiphenyl	50.0	2.8	94.4
Pebulate	50.2	2.9	94.2
2,2', 3', 4,6'-Pentachlorobiphenyl	49.5	2.7	94.5
Pentachlorophenol	50.1	2.5	95.0
Phenanthrene	50.5	2.6	94.9
cis-Permethrin	50.1	2.4	95.2
trans-Permethrin	49.5	2.5	94.9
Prometon	51.2	2.3	95.5
Prometryn	51.0	2.5	95.1
Pronamide	50.0	2.4	95.2
Propachlor	50.4	2.5	95.0
Propazine	50.1	2.6	94.8
Triademefon	48.8	2.8	94.3
2,4,5-Trichlorobiphenyl	48.5	2.9	94.0
Tricyclazole	48.8	2.7	94.5
Trifluralin	51.1	2.8	94.5
Vernolate	50.2	2.3	95.4
Herbicide Contaminants			
Dalapon	151	<0.1	99.9
Dicamba	150	<0.1	99.9
Dinosep	22.5	<0.1	99.0
Dichloroprop	150	<0.1	99.9
2,4-D	220	<0.5	99.9
Pentachlorophenol	10.1	<0.5	99.9
Picoram	150	<0.5	99.9
2,4,5-T	152	<0.5	99.9
2,4,5-TP (Silvex)	148	<0.5	99.9
2,4-DB	151	<0.5	99.9
Bentazom	150	<0.5	99.9
DCPA	150	<0.5	99.9
Quinclorac	152	<0.5	99.9
Aciflurfen	152	<0.5	99.9
Pharmaceutical Drugs Contaminants			
Acetaminofen	21.0	<0.1	99.5
Caffeine	20.1	<0.1	99.5
Carbamazepine	21.3	<0.1	99.5
Ciprofloxacin HCl	21.2	<0.1	99.5

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Pharmaceutical Drugs Contaminants			
Erythromycin USP	20.0	<0.1	99.5
Sulfamethoxazole	21.4	<0.1	99.5
Trimethoprim	21.3	<0.1	99.5
Bisphenol A	20.5	<0.1	99.5
Diclofenac Sodium	20.4	<0.1	99.5
4-para-Nonylphenol	20.8	<0.1	99.5
4-tert-Octylphenol	21.4	<0.1	99.5
Primidone	20.9	<0.1	99.5
Progesterone	20.4	<0.1	99.5
Gemfibrozil	21.4	<0.1	99.5
Ibuprofen	21.3	<0.1	99.5
Naproxen Sodium	20.7	<0.1	99.5
Triclosan	20.8	<0.1	99.5
Basic Drugs Contaminants			
Nicotine	20.2	<0.1	99.5
Benzocaine	21.1	<0.1	99.5
Cotinine	21.5	<0.1	99.5
Mepertine	20.6	<0.1	99.5
Caffeine	20.8	<0.1	99.5
Benzphetamine	20.5	<0.1	99.5
Ketamine	20.2	<0.1	99.5
Diphenhydramine	19.9	<0.1	99.5
Lidocaine	19.8	<0.1	99.5
Pheniltoloxamine	20.5	<0.1	99.5
Tripelennamine	19.7	<0.1	99.5
Phenothiazine	19.8	<0.1	99.5
Dextromethorphan	20.2	<0.1	99.5
Methadone	20.4	<0.1	99.5
Amitriptyline	19.8	<0.1	99.5
Trimipramine	19.9	<0.1	99.5
Tetracaine	19.6	<0.1	99.5
Codeine	20.5	<0.1	99.5
Morphine	20.8	<0.1	99.5
Diazepam	20.4	<0.1	99.5
Fungicides Contaminants			
Allyl Alcohol	20.1	<0.1	99.5
2-Phenylphenol	20.5	<0.1	99.5
Biphenol	20.6	<0.1	99.5
Dichloroan	20.1	<0.1	99.5
Dinopenton	20.8	<0.1	99.5
Etridiazole	21.4	<0.1	99.5
Micro-Organisms			
Klebsiella terrigena (Bacteria)	10 ⁸ /L	50,000/L	99.95
Poliovirus 1 (Virus)	10 ⁷ /L	15,000/L	99.85
Rotavirus (Virus)	10 ⁷ /L	15,000/L	99.85
Giardia lamblia (Cyst)	10 ⁶ /L	10,000/L	99.0

Jaime Young

Jaime Young
 Lab Director