



# ENVIROTEK LABORATORIES, INC. Test Report

1041 Glassboro Road Suite D-1, Williamstown NJ 08094  
PHONE 856-533-0445 [www.enviroteklab.com](http://www.enviroteklab.com)  
EPA ID # NJ01298 IAPMO ID# 000102 ANAB Cert ID AT-2866

## TEST RESULTS

FOR

**Doulton Water Filters**

**LYMEDALE CROSS, LOWER MILEHOUSE LANE**

**STAFFORDSHIRE, UK, ST5 9BT**

**British Berkefeld Ultra Sterasyl gravity Filter Elements**

**NSF/ANSI Standard 53**

**Chemical Reduction Tests Results**



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## BRITISH BERKEFELD ULTRA STERASYL WATER TEST REPORT

Report # 21-155

Report Date: 07/23/2021

Customer Name: Doulton Water Filters

### Introduction

An accelerated performance test has been conducted on two British Berkefeld Ultra Sterasyl gravity filter elements fitted into a stainless-steel gravity filter housing. Each filter was exposed to test water containing an influent challenge of pesticidal contaminants according to NSF/ANSI Standard 53 test requirements. Influent and effluent challenges were taken and analyzed at 303-liter intervals to verify the filtration efficiency of each candle at each stage up to 3030 liters. The final filtration efficiencies are reported in the tables in the following conclusion section.

### Test Water Characteristics

Sample Point	Temp. 17.5-22.5 °C	pH 7.00-8.00	TDS 200-500	Turbidity <1 NTU	TOC >1 ppm	Flow Rate (LPM)	
						F1	F2
Start (10L)	19.7	7.1	239	0.4	1.3	0.13	0.13
303 Liters	20.3	7.2	241	0.4	1.3	0.13	0.13
606 Liters	22.1	7.2	247	0.4	1.3	0.13	0.13
909 liters	22.1	7.1	207	0.4	1.3	0.13	0.13
1212 Liters	20.7	7.2	239	0.4	1.3	0.10	0.10
1515 Liters	20.9	7.2	237	0.4	1.3	0.10	0.10
1818 Liters	22.1	7.1	239	0.4	1.3	0.10	0.10
2121 Liters	22.2	7.2	241	0.4	1.3	0.10	0.10
2424 liters	21.7	7.1	239	0.4	1.3	0.10	0.10
2727 Liters	21.9	7.2	243	0.4	1.3	0.10	0.10
3030 liters	22.2	7.2	239	0.4	1.3	0.10	0.10
<b>Average</b>	<b>21.45</b>	<b>1.2</b>	<b>237</b>	<b>0.4</b>	<b>1.3</b>	<b>0.11</b>	<b>0.11</b>



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## Conclusion

The final filtration efficiency for the British Berkefeld Ultra Sterasyl gravity filter elements for pesticidal contaminants during the test is summarized in the following tables.

## Filter #1 data Summary

Contaminant	Pesticides Contaminants in ug/L									
	Influent Water					Effluent Water				
	Start (10L)	303 liters	606 liters	909 liters	1212 liters	Start (10L)	303 liters	606 liters	909 liters	1212 liters
Alachlor	56.06	44.67	44.07	36.42	42.6	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobenzene	37.65	46.29	38.53	51.88	51.86	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorocyclopentadiene	54.44	49.36	49.66	38.35	35.97	<0.1	<0.1	<0.1	<0.1	<0.1
Delta-BHC	51.78	43.98	49.23	46.9	45.87	<0.1	<0.1	<0.1	<0.1	<0.1
Propachlor	57.91	49.85	48.4	53.48	63.86	<0.1	<0.1	<0.1	<0.1	<0.1
Molinate	52.64	47.72	52.62	29.07	60.82	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha-BHC	52.97	40.05	51.68	50.99	40.21	<0.1	<0.1	<0.1	<0.1	<0.1
Beta-BHC	52.97	40.05	51.68	50.99	40.21	<0.1	<0.1	<0.1	<0.1	<0.1
Gamma-BHC (Lindane)	53.56	40.04	51.75	51.05	40.21	<0.1	<0.1	<0.1	<0.1	<0.1
Atrazine	57.14	47.53	52.61	49.99	53.95	<0.1	<0.1	<0.1	<0.1	<0.1
Simazine	58.67	44.91	46.19	52.6	60.62	<0.1	<0.1	<0.1	<0.1	<0.1
Metribuzin	59.68	47.02	53.29	53.92	49.85	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	51.16	51.73	33.24	94.81	54.24	<0.1	<0.1	<0.1	<0.1	<0.1
Metolachlor	57.41	44.59	35.32	95.7	51.17	<0.1	<0.1	<0.1	<0.1	<0.1
Butylate	62.73	45.14	41.76	74.84	52.37	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	55.76	46.81	28.79	86.72	52.6	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	52.61	42.25	28.42	50.46	54.13	<0.1	<0.1	<0.1	<0.1	<0.1
Trans-Chlordane	49.89	48.05	28.77	86.37	52.12	<0.1	<0.1	<0.1	<0.1	<0.1
Butachlore	55.7	45.25	68.98	46.18	50.89	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	46.63	48.68	33.16	69.92	56.12	<0.1	<0.1	<0.1	<0.1	<0.1
Cis-Chlordane	27.94	52.84	43.42	70.91	51.41	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDE	91.22	51.97	42.24	58.44	48.86	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	56.11	50.48	34.1	93.43	53.81	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	61.73	41.47	44.01	96.84	50.43	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	46.63	49.2	53.19	64.65	49.51	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDD	55.21	51.94	63.28	39.67	52.53	<0.1	<0.1	<0.1	<0.1	1.73
Endrin Aldehyde	60.88	21.47	44.4	96.84	50.43	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDT	55.21	52.59	66.1	39.67	52.53	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulfate	63.96	49.22	67.72	49.22	56.02	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	58.42	48.01	62.87	80.25	48.1	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	62.93	44.13	60.82	96.99	53.73	<0.1	<0.1	<0.1	<0.1	<0.1
Bromacil	35.81	44.77	33.91	28.85	42.97	<0.1	<0.1	<0.1	<0.1	<0.1
Carbofuran	55.04	50.9	63.6	52.89	52.27	2.78	<0.1	<0.1	<0.1	0.66
Chlorneb	58.56	50.03	33.75	90.44	54.55	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorthalonil	68.83	48.98	39.96	88.25	57.34	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorpropham	34.69	44.6	40.49	54.83	54.83	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorpyrifos	57.14	49.14	52.07	43.81	51.16	<0.1	<0.1	<0.1	<0.1	<0.1
Cyanazine	56.66	41.01	69.21	50.01	55.94	<0.1	<0.1	<0.1	<0.1	<0.1
Dichlorvos	50.58	48.5	39.04	62.42	51.57	<0.1	<0.1	<0.1	<0.1	<0.1
Diphenamid	47.39	41.8	40.6	50.26	51.78	<0.1	<0.1	<0.1	<0.1	<0.1
Disulfoton	43.59	46.18	40.54	133.71	52.35	<0.1	<0.1	<0.1	<0.1	<0.1
Fenamiphos	61.16	41.96	32.62	90.66	52.13	<0.1	<0.1	<0.1	<0.1	<0.1
Fenarimol	54.07	42.77	37.58	106.03	52.74	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoridone	57.18	43.33	66.38	370.99	54.71	<0.1	<0.1	<0.1	<0.1	<0.1
Ethoprop	65.36	49.98	56.94	88.09	48.39	<0.1	<0.1	<0.1	<0.1	<0.1
Toxaphene	65.36	49.98	57.37	88.09	48.39	<0.1	<0.1	<0.1	<0.1	<0.1
PCB's	58.52	48.49	33.06	105.14	46.7	<0.1	<0.1	<0.1	<0.1	<0.1



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<b>Pesticides Contaminants in ug/L</b>													
<b>Contaminant</b>	<b>Influent Water</b>						<b>Effluent Water</b>						<b>% Efficiency at 3030 liters</b>
	<b>1515 liters</b>	<b>1818 liters</b>	<b>2121 liters</b>	<b>2424 liters</b>	<b>2727 liters</b>	<b>3030 liters</b>	<b>1515 liters</b>	<b>1818 liters</b>	<b>2121 liters</b>	<b>2424 liters</b>	<b>2727 liters</b>	<b>3030 liters</b>	
Alachlor	50.15	71.25	>99.6%	58.08	41.09	23.88	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.6%
Hexachlorobenzene	58.7	90.18	>99.8%	89.99	50	53.30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Hexachlorocyclopentadiene	51.25	47.81	>99.8%	51.27	53.53	50.30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Delta-BHC	42.19	47.57	>99.1%	46.15	48.74	11.29	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.1%
Propachlor	52.91	58.68	>99.8%	47.29	46.59	80.84	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Molinate	57.22	68.19	>99.9%	32.46	49.5	65.83	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Alpha-BHC	37.71	42.72	>99.8%	40.85	43.49	62.48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Beta-BHC	37.71	42.72	>99.8%	40.85	43.49	62.48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Gamma-BHC (Lindane)	37.71	42.72		40.85	43.49	62.48	<0.1	<0.1	<0.1	0.11	0.84	0.31	99.5%
Atrazine	49.59	56.88	>99.9%	65.33	41.07	78.24	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Simazine	51.78	46.11	>99.8%	71.08	48.19	46.03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Metribuzin	47.54	46.94	>99.8%	52.09	43.13	37.40	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Heptachlor	26.74	48.73	>99.9%	30.15	68.98	72.45	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Metolachlor	25.84	47.65	>99.9%	20.63	65.11	69.67	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Butylate	22.42	50.87	>99.8%	24.52	53.56	52.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Aldrin	25.52	46.32	>99.9%	25.74	68.37	78.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Heptachlor Epoxide	25.1	41.56	>99.9%	29.69	63.61	76.76	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Trans-Chlordane	26.26	49.01	>99.9%	30.22	70.04	75.03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Butachlore	26.62	48.52	>99.8%	20.17	66.88	63.72	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Endosulfan I	16.92	46.01	>99.8%	53.77	66.37	62.17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Cis-Chlordane	40.13	44.23	>99.8%	22.6	71.95	46.92	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
p,p'-DDE	34.16	53.45	>99.9%	22.05	68.83	79.55	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Dieldrin	24.24	44.6	>99.9%	25.49	64.26	73.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Endrin	25.62	47.13	>99.9%	27.45	67.83	79.71	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Endosulfan II	20.97	43.43	>99.9%	21.43	71.66	69.33	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
p,p'-DDD	34.28	52.53	>99.8%	26.67	94.85	57.79	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Endrin Aldehyde	25.62	47.13	>99.9%	27.45	67.83	79.71	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
p,p'-DDT	34.28	53.53	>99.8%	26.67	93.36	57.79	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Endosulfan Sulfate	41.9	54.02	>99.9%	46.87	58.04	79.32	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Endrin Ketone	26.7	47.33	>99.8%	28.22	63.41	63.85	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Methoxychlor	52.76	76.08	>99.9%	65.81	67.27	98.88	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Bromacil	26.83	48.68	>99.9%	39.69	67.12	67.98	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Carbofuran	25.75	49.36	>99.8%	23.76	64.66	52.22	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Chlomeb	27.43	44.59	>99.9%	56.67	71.94	91.70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Chlorthalonil	24.35	44.01	>99.8%	44.45	56.33	55.52	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Chlorpropham	69.84	47.02	>99.8%	44.77	51.63	50.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Chlorpyrifos	22.11	58.88	>99.8%	23.57	59.91	55.31	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Cyanizine	23.35	47.35	>99.8%	26.41	65.24	51.72	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Dichlorvos	23.59	46.36	>99.8%	55.23	61.72	63.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Diphenamid	39.29	44.45	>99.9%	75.13	63.37	81.14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Disulfoton	25.77	45.18	93.9%	53.61	71.58	81.36	<0.1	<0.1	<0.1	1.45	3.84	5.05	93.9%
Fenamiphos	27.9	43.41	>99.9%	20.6	69.88	64.77	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Fenarimol	25.75	48.4	>99.9%	26.92	64.49	70.86	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Fluoridone	25.04	42.59	>99.8%	25.56	27.42	51.50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Ethoprop	31.28	41.97	>99.9%	27.05	87.62	86.13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Toxaphene	31.28	41.97	>99.9%	27.05	87.62	86.13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
PCB's	27.69	53.33	>99.9%	22.87	67.26	99.70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%

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## Filter #2 data Summary

Pesticides Contaminants in ug/L										
Contaminant	Influent Water					Effluent Water				
	Start (10L)	303 liters	606 liters	909 liters	1212 liters	Start (10L)	303 liters	606 liters	909 liters	1212 liters
Alachlor	56.06	44.67	44.07	36.42	42.6	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobenzene	37.65	46.29	38.53	51.88	51.86	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorocyclopentadiene	54.44	49.36	49.66	38.35	35.97	<0.1	<0.1	<0.1	<0.1	<0.1
Delta-BHC	51.78	43.98	49.23	46.9	45.87	<0.1	<0.1	<0.1	<0.1	<0.1
Propachlor	57.91	49.85	48.4	53.48	63.86	<0.1	<0.1	<0.1	<0.1	<0.1
Molinate	52.64	47.72	52.62	29.07	60.82	<0.1	<0.1	<0.1	<0.1	<0.1
Alpha-BHC	52.97	40.05	51.68	50.99	40.21	<0.1	<0.1	<0.1	<0.1	<0.1
Beta-BHC	52.97	40.05	51.68	50.99	40.21	<0.1	<0.1	<0.1	<0.1	<0.1
Gamma-BHC (Lindane)	53.56	40.04	51.75	51.05	40.21	<0.1	<0.1	<0.1	<0.1	<0.1
Atrazine	57.14	47.53	52.61	49.99	53.95	<0.1	<0.1	<0.1	<0.1	<0.1
Simazine	58.67	44.91	46.19	52.6	60.62	<0.1	<0.1	<0.1	<0.1	<0.1
Metribuzin	59.68	47.02	53.29	53.92	49.85	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	51.16	51.73	33.24	94.81	54.24	<0.1	<0.1	<0.1	<0.1	<0.1
Metolachlor	57.41	44.59	35.32	95.7	51.17	<0.1	<0.1	<0.1	<0.1	<0.1
Butylate	62.73	45.14	41.76	74.84	52.37	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	55.76	46.81	28.79	86.72	52.6	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	52.61	42.25	28.42	50.46	54.13	<0.1	<0.1	<0.1	<0.1	<0.1
Trans-Chlordane	49.89	48.05	28.77	86.37	52.12	<0.1	<0.1	<0.1	<0.1	<0.1
Butachlore	55.7	45.25	68.98	46.18	50.89	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	46.63	48.68	33.16	69.92	56.12	<0.1	<0.1	<0.1	<0.1	<0.1
Cis-Chlordane	27.94	52.84	43.42	70.91	51.41	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDE	91.22	51.97	42.24	58.44	48.86	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	56.11	50.48	34.1	93.43	53.81	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	61.73	41.47	44.01	96.84	50.43	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	46.63	49.2	53.19	64.65	49.51	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDD	55.21	51.94	63.28	39.67	52.53	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	60.88	21.47	44.4	96.84	50.43	<0.1	<0.1	<0.1	<0.1	<0.1
p,p'-DDT	55.21	52.59	66.1	39.67	52.53	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulfate	63.96	49.22	67.72	49.22	56.02	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	58.42	48.01	62.87	80.25	48.1	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	62.93	44.13	60.82	96.99	53.73	<0.1	<0.1	<0.1	<0.1	<0.1
Bromacil	35.81	44.77	33.91	28.85	42.97	2.69	<0.1	<0.1	<0.1	<0.1
Carbofuran	55.04	50.9	63.6	52.89	52.27	<0.1	<0.1	<0.1	<0.1	1.19
Chlorneb	58.56	50.03	33.75	90.44	54.55	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorthalonil	68.83	48.98	39.96	88.25	57.34	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorpropham	34.69	44.6	40.49	54.83	54.83	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorpyrifos	57.14	49.14	52.07	43.81	51.16	<0.1	<0.1	<0.1	<0.1	<0.1
Cyanizine	56.66	41.01	69.21	50.01	55.94	<0.1	<0.1	<0.1	<0.1	<0.1
Dichlorvos	50.58	48.5	39.04	62.42	51.57	<0.1	<0.1	<0.1	<0.1	<0.1
Diphenamid	47.39	41.8	40.6	50.26	51.78	<0.1	<0.1	<0.1	<0.1	<0.1
Disulfoton	43.59	46.18	40.54	133.71	52.35	<0.1	<0.1	<0.1	<0.1	<0.1
Fenamiphos	61.16	41.96	32.62	90.66	52.13	<0.1	<0.1	<0.1	<0.1	<0.1
Fenarimol	54.07	42.77	37.58	106.03	52.74	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoridone	57.18	43.33	66.38	370.99	54.71	<0.1	<0.1	<0.1	<0.1	<0.1
Ethoprop	65.36	49.98	56.94	88.09	48.39	<0.1	<0.1	<0.1	<0.1	<0.1
Toxaphene	65.36	49.98	57.37	88.09	48.39	<0.1	<0.1	<0.1	<0.1	<0.1
PCB's	58.52	48.49	33.06	105.14	46.7	<0.1	<0.1	<0.1	<0.1	<0.1



# ENVIROTEK LABORATORIES, INC. Test Report

1041 Glassboro Road Suite D-1, Williamstown NJ 08094  
 PHONE 856-533-0445 [www.enviroteklab.com](http://www.enviroteklab.com)  
 EPA ID # NJ01298 IAPMO ID# 000102 ANAB Cert ID AT-2866

Contaminant	Influent Water						Effluent Water						% Efficiency at 3030 liters
	1515 liters	1818 liters	2121 liters	2424 liters	2727 liters	3030 liters	1515 liters	1818 liters	2121 liters	2424 liters	2727 liters	3030 liters	
Alachlor	50.15	71.25	>99.6%	58.08	41.09	23.88	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.6%
Hexachlorobenzene	58.7	90.18	>99.8%	89.99	50	53.30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Hexachlorocyclopentadiene	51.25	47.81	>99.8%	51.27	53.53	50.30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Delta-BHC	42.19	47.57	>99.1%	46.15	48.74	11.29	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.1%
Propachlor	52.91	58.68	>99.9%	47.29	46.59	80.84	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Molinate	57.22	68.19	>99.9%	32.46	49.5	65.83	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Alpha-BHC	37.71	42.72	>99.8%	40.85	43.49	62.48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Beta-BHC	37.71	42.72	>99.8%	40.85	43.49	62.48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Gamma-BHC (Lindane)	37.71	42.72	>99.8%	40.85	43.49	62.48	<0.1	<0.1	1.43	0.39	0.72	0.85	>99.8%
Atrazine	49.59	56.88	>99.9%	65.33	41.07	78.24	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Simazine	51.78	46.11	>99.8%	71.08	48.19	46.03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Metribuzin	47.54	46.94	>99.7%	52.09	43.13	37.40	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.7%
Heptachlor	26.74	48.73	>99.9%	30.15	68.98	72.45	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Metolachlor	25.84	47.65	>99.9%	20.63	65.11	69.67	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Butylate	22.42	50.87	>99.8%	24.52	53.56	52.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Aldrin	25.52	46.32	>99.9%	25.74	68.37	78.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Heptachlor Epoxide	25.1	41.56	>99.9%	29.69	63.61	76.76	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Trans-Chlordane	26.26	49.01	>99.9%	30.22	70.04	75.03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Butachlore	26.62	48.52	>99.8%	20.17	66.88	63.72	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Endosulfan I	16.92	46.01	>99.8%	53.77	66.37	62.17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Cis-Chlordane	40.13	44.23	>99.8%	22.6	71.95	46.92	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
p,p'-DDE	34.16	53.45	>99.9%	22.05	68.83	79.55	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Dieldrin	24.24	44.6	99.6%	25.49	64.26	73.02	<0.1	<0.1	<0.1	<0.1	<0.1	0.30	99.6%
Endrin	25.62	47.13	>99.9%	27.45	67.83	79.71	<0.1	<0.1	<0.1	0.29	<0.1	<0.1	>99.9%
Endosulfan II	20.97	43.43	>99.9%	21.43	71.66	69.33	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
p,p'-DDD	34.28	52.53	96.9%	26.67	94.85	57.79	0.52	<0.1	<0.1	<0.1	<0.1	1.80	96.9%
Endrin Aldehyde	25.62	47.13	>99.9%	27.45	67.83	79.71	<0.1	<0.1	<0.1	0.29	<0.1	<0.1	>99.9%
p,p'-DDT	34.28	53.53	96.9%	26.67	93.36	57.79	0.52	<0.1	<0.1	<0.1	<0.1	1.80	96.9%
Endosulfan Sulfate	41.9	54.02	>99.9%	46.87	58.04	79.32	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Endrin Ketone	26.7	47.33	>99.8%	28.22	63.41	63.85	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Methoxychlor	52.76	76.08	>99.9%	65.81	67.27	98.88	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Bromacil	26.83	48.68	>99.9%	39.69	67.12	67.98	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Carbofuran	25.75	49.36	98.8%	23.76	64.66	52.22	0.15	<0.1	<0.1	0.89	0.77	0.61	98.8%
Chlorneb	27.43	44.59	>99.9%	56.67	71.94	91.70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Chlorthalonil	24.35	44.01	>99.8%	44.45	56.33	55.52	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Chlorpropham	69.84	47.02	>99.8%	44.77	51.63	50.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Chlorpyrifos	22.11	58.88	99.8%	23.57	59.91	55.31	<0.1	<0.1	<0.1	<0.1	0.1	0.1	99.8%
Cyanazine	23.35	47.35	>99.8%	26.41	65.24	51.72	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Dichlorvos	23.59	46.36	>99.8%	55.23	61.72	63.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Diphenamid	39.29	44.45	>99.9%	75.13	63.37	81.14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Disulfoton	25.77	45.18	89.6%	53.61	71.58	81.36	<0.1	<0.1	1.78	9.28	6.51	8.49	89.6%
Fenamiphos	27.9	43.41	>99.9%	20.6	69.88	64.77	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Fenarimol	25.75	48.4	>99.9%	26.92	64.49	70.86	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Fluoridone	25.04	42.59	>99.8%	25.56	27.42	51.50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.8%
Ethoprop	31.28	41.97	>99.9%	27.05	87.62	86.13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
Toxaphene	31.28	41.97	>99.9%	27.05	87.62	86.13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%
PCB's	27.69	53.33	>99.9%	22.87	67.26	99.70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>99.9%

**Disclaimer:** The test results are only related to the filter cartridges tested, in the condition received at the laboratory.

*Jaime Young*  
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 Lab Director