Performance Data for the Clearly Filtered 3 Stage Filtration System

**Contaminant Tested**

- Trimethoprim
- Triclosan
- Sulfamethoxazole
- Progesterone
- Naproxen
- Meprobamate
- Ibuprofen
- Ethinyl estradiol
- Estrone
- Ciprofloxacin
- Caffeine
- Bisphenol A
- Acetaminophen
- 4-para-Nonylphenol
- 17-beta-Estradiol
- Zinc
- Nickel
- Mercury (inorganic)
- Lead
- Iron
- Chromium (hexavalent)
- Cadmium
- Barium
- Arsenic
- Aluminum
-Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (hexavalent)
- Copper
- Iron
- Iron
- Lead
- Manganese
- Mercury (manganese)
- Nickel
- Zinc
- Fluoride
- Chemical Disinfectants
- Volatile Organic Compounds (VOCs)/ Chemicals
- Radiological Elements

<table>
<thead>
<tr>
<th>Contaminant Tested</th>
<th>Challenge Water</th>
<th>Filtered Water</th>
<th>% Removal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluoride</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>contaminated Tested</td>
<td>Challenge Water</td>
<td>Filtered Water</td>
<td>% Removal</td>
</tr>
<tr>
<td>Sodium Fluoride 2 ppm</td>
<td>2.14</td>
<td>2</td>
<td>100.7</td>
</tr>
<tr>
<td>Perfluorinated Chemicals</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>contaminated Tested</td>
<td>Challenge Water</td>
<td>Filtered Water</td>
<td>% Removal</td>
</tr>
<tr>
<td>Fluorotelomer alcohol 8.2</td>
<td>1.04</td>
<td>&lt;0.02</td>
<td>&gt;99.8%</td>
</tr>
<tr>
<td>Perfluorobutane sulfone (PFBS)</td>
<td>1.04</td>
<td>&lt;0.02</td>
<td>&gt;99.8%</td>
</tr>
<tr>
<td>Perfluorobenic acid</td>
<td>0.52</td>
<td>&lt;0.02</td>
<td>&gt;99.6%</td>
</tr>
<tr>
<td>Perfluorobutan-2-ol (PFBO)</td>
<td>1.04</td>
<td>&lt;0.02</td>
<td>&gt;99.8%</td>
</tr>
<tr>
<td>Perfluoropropionic acid</td>
<td>0.52</td>
<td>&lt;0.02</td>
<td>&gt;99.8%</td>
</tr>
<tr>
<td>Peroxides</td>
<td>1.04</td>
<td>&lt;0.02</td>
<td>&gt;99.8%</td>
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<tr>
<td>Heavy Metals</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>contaminated Tested</td>
<td>Challenge Water</td>
<td>Filtered Water</td>
<td>% Removal</td>
</tr>
<tr>
<td>Aluminum</td>
<td>202</td>
<td>9.6</td>
<td>95.2%</td>
</tr>
<tr>
<td>Arsenic</td>
<td>50.6</td>
<td>2.9</td>
<td>94.3%</td>
</tr>
<tr>
<td>Barium</td>
<td>929</td>
<td>1.5</td>
<td>99.8%</td>
</tr>
<tr>
<td>Beryllium</td>
<td>50.1</td>
<td>&lt;1</td>
<td>&gt;98.0%</td>
</tr>
<tr>
<td>Cadmium</td>
<td>30.4</td>
<td>&lt;1</td>
<td>&gt;98.7%</td>
</tr>
<tr>
<td>Chromium (hexavalent)</td>
<td>302</td>
<td>1.7</td>
<td>99.4%</td>
</tr>
<tr>
<td>Copper</td>
<td>3025</td>
<td>107</td>
<td>96.5%</td>
</tr>
<tr>
<td>Iron</td>
<td>3030</td>
<td>88.4</td>
<td>97.1%</td>
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<tr>
<td>Lead</td>
<td>151</td>
<td>1.6</td>
<td>98.9%</td>
</tr>
<tr>
<td>Manganese</td>
<td>1002</td>
<td>&lt;1</td>
<td>&gt;99.9%</td>
</tr>
<tr>
<td>Mercury (manganese)</td>
<td>6.1</td>
<td>&lt;0.5</td>
<td>&gt;91.8%</td>
</tr>
<tr>
<td>Nickel</td>
<td>104</td>
<td>1.5</td>
<td>98.6%</td>
</tr>
<tr>
<td>Zinc</td>
<td>102</td>
<td>1</td>
<td>99.0%</td>
</tr>
<tr>
<td>Pharmaceutical Drugs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>contaminated Tested</td>
<td>Challenge Water</td>
<td>Filtered Water</td>
<td>% Removal</td>
</tr>
<tr>
<td>17-beta-Estradiol</td>
<td>1.99</td>
<td>&lt;0.02</td>
<td>&gt;99.9%</td>
</tr>
<tr>
<td>4-tert-Octylphenol</td>
<td>2.3</td>
<td>&lt;0.02</td>
<td>&gt;99.1%</td>
</tr>
<tr>
<td>4-Ter-Octylphenol</td>
<td>2.05</td>
<td>0.2</td>
<td>90.2%</td>
</tr>
<tr>
<td>4-tert-Octylphenol</td>
<td>1.42</td>
<td>&lt;0.02</td>
<td>&gt;98.6%</td>
</tr>
<tr>
<td>4-tert-Octylphenol</td>
<td>2.41</td>
<td>&lt;0.02</td>
<td>&gt;99.2%</td>
</tr>
<tr>
<td>Bisphenol A</td>
<td>2.02</td>
<td>&lt;0.02</td>
<td>&gt;99.0%</td>
</tr>
<tr>
<td>Caffeine</td>
<td>1.83</td>
<td>&lt;0.02</td>
<td>&gt;98.9%</td>
</tr>
<tr>
<td>Carbamazepine</td>
<td>1.43</td>
<td>&lt;0.02</td>
<td>&gt;98.6%</td>
</tr>
<tr>
<td>Citric acid</td>
<td>2.6</td>
<td>&lt;0.02</td>
<td>&gt;99.2%</td>
</tr>
<tr>
<td>Dichlorodicyanide</td>
<td>1.9</td>
<td>&lt;0.02</td>
<td>&gt;99.9%</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>1.91</td>
<td>&lt;0.02</td>
<td>&gt;99.9%</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>2.3</td>
<td>&lt;0.02</td>
<td>&gt;99.9%</td>
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</tr>
<tr>
<td>Fluorides</td>
<td>2.02</td>
<td>&lt;0.02</td>
<td>&gt;99.0%</td>
</tr>
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<td>1.91</td>
<td>&lt;0.02</td>
<td>&gt;99.9%</td>
</tr>
<tr>
<td>Fluorides</td>
<td>1.94</td>
<td>&lt;0.02</td>
<td>&gt;99.9%</td>
</tr>
<tr>
<td>Fluorides</td>
<td>0.46</td>
<td>&lt;0.02</td>
<td>&gt;95.7%</td>
</tr>
<tr>
<td>Fluorides</td>
<td>0.43</td>
<td>&lt;0.02</td>
<td>&gt;95.3%</td>
</tr>
<tr>
<td>Fluorides</td>
<td>0.21</td>
<td>&lt;0.02</td>
<td>&gt;90.5%</td>
</tr>
<tr>
<td>Fluorides</td>
<td>1.97</td>
<td>&lt;0.02</td>
<td>&gt;99.9%</td>
</tr>
<tr>
<td>Fluorides</td>
<td>2.08</td>
<td>&lt;0.02</td>
<td>&gt;99.9%</td>
</tr>
<tr>
<td>Fluorides</td>
<td>1.96</td>
<td>&lt;0.02</td>
<td>&gt;99.0%</td>
</tr>
<tr>
<td>Fluorides</td>
<td>1.44</td>
<td>0.3</td>
<td>97.2%</td>
</tr>
<tr>
<td>Fluorides</td>
<td>1.25</td>
<td>&lt;0.02</td>
<td>&gt;90.0%</td>
</tr>
<tr>
<td>Xylenes</td>
<td>0.2</td>
<td>&lt;0.02</td>
<td>&gt;90.0%</td>
</tr>
</tbody>
</table>

**Radiological Elements**

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<th>Filtered Water</th>
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<tbody>
<tr>
<td>Gross Alpha (Thorium 229)</td>
<td>263</td>
<td>1.2</td>
<td>99.9%</td>
</tr>
<tr>
<td>Gross Beta (Cesium 137)</td>
<td>51</td>
<td>1.3</td>
<td>97.5%</td>
</tr>
</tbody>
</table>

**Product Type**

Under Sink, Plumbed-In

**Replacement Element**

Model CF-UTSF

**Rated Capacity**

2000 Gallons (7500 L)

**Testing Completed**

4/17/2018

**Manufactured By**

Clearly Filtered, Inc.
Rancho Santa Margarita, CA
877-867-2740

Testing performed by Quality Filter Testing Laboratory, LLC (formerly Envirotek Laboratories) an independent NELAC & ANSI accredited laboratory EPA- ID#: QF12452; www.envirotestlab.com 856-478-0010 in accordance with NSF Standards 42, 53 & 80 for water quality and the reduction of chemicals and contaminants. The water was spiked with the substances indicated below and then passed through the filter. The results are stated in the report below. All contaminants were reduced to a concentration equal to or less than the permissible limits set forth by NSF.
Contaminant Tested | Challenge Water (µg/L) | Filtered Water (µg/L) | % Removal
--- | --- | --- | ---
Semi VOCs | | | |
1,2,4-Trichlorobenzene | 48.4 | <0.1 | >99.8% |
2-Chloronaphthalene | 49.4 | <0.1 | >99.8% |
2-Chlorophenol | 49.5 | <0.1 | >99.8% |
2-Nitrophenol | 45.8 | <0.1 | >99.8% |
2,2-Dimethylpropane | 48.1 | <0.1 | >99.8% |
2,2-Dipropylphosphonate | 48.9 | <0.1 | >99.8% |
2,4-Dinitrophenol | 50 | <0.1 | >99.8% |
2,4-Dinitrotoluene | 49.2 | <0.1 | >99.8% |
2,4,6-Trinitrotoluene | 50 | <0.1 | >99.8% |
2,6-Dinitrotoluene | 46.5 | <0.1 | >99.8% |
4-Bromophenyl phenyl ether | 47.8 | <0.1 | >99.8% |
4-Chloro-3-methylphenol | 49.6 | <0.1 | >99.8% |
4-Chlorophenol phenyl ether | 49.8 | <0.1 | >99.8% |
4-Nitrotoluene | 47.5 | <0.1 | >99.8% |
Acenaphthene | 35.9 | <0.1 | >99.7% |
Acenaphthylene | 50 | <0.1 | >99.8% |
Anthracene | 49.8 | <0.1 | >99.8% |
Benzo[a]anthracene | 50.3 | <0.1 | >99.8% |
Benzo[a]pyrene | 50.5 | <0.1 | >99.8% |
Benzo[b]fluoranthene | 52.3 | <0.1 | >99.8% |
Benzo[g,h,i]perylene | 50.2 | <0.1 | >99.8% |
Benzo[k]fluoranthene | 52.3 | <0.1 | >99.8% |
Bis(2-chloroethyl)ether | 47.1 | <0.1 | >99.8% |
Bis(2-chloroethyl)ether | 51.8 | <0.1 | >99.8% |
Chrysene | 50.5 | <0.1 | >99.8% |
Dibenzo[a,j]anthracene | 50.3 | <0.1 | >99.8% |
Dinitro-o-xylene | 48.5 | <0.1 | >99.8% |
Diphenylamine | 73.2 | <0.1 | >99.8% |
Fluoranthene | 50.4 | <0.1 | >99.8% |
Fluorene | 47.8 | <0.1 | >99.8% |
Hexachlorocyclopentadiene | 50.9 | <0.1 | >99.8% |
Hexachlorobenzene | 48.4 | <0.1 | >99.8% |
Indeno[1,2,3-cd]pyrene | 50.8 | <0.1 | >99.8% |
Isophorone | 48.5 | <0.1 | >99.8% |
N,N-Diisopropylbenzylamine | 50.2 | <0.1 | >99.8% |
N-Nitrosodimethylamine | 50.6 | <0.1 | >99.8% |
Nitrobenaene | 48.9 | <0.1 | >99.8% |
m-Dichlorobenzene | 49.8 | <0.1 | >99.8% |
o-Dichlorobenzene | 50 | <0.1 | >99.8% |
Penta-Chlorophenol | 50.3 | <0.1 | >99.8% |
Phenanthenone | 49.8 | <0.1 | >99.8% |
Phenols | 50.9 | <0.1 | >99.8% |
Pyrene | 49.6 | <0.1 | >99.8% |
Herbicides | | | |
2,4-D | 32.7 | <0.1 | >99.7% |
2,4,5-T | 150.9 | <0.1 | >99.9% |
2,4,5-TP | 17.6 | <0.1 | >99.4% |
3,3-Dichlorobenzic | 28.9 | <0.1 | >99.7% |
Acifluorine | 42.7 | <0.1 | >99.7% |
Bentazon | 38.5 | <0.1 | >99.7% |
Chloramben | 28.1 | <0.1 | >99.6% |
Dalapon | 270.4 | <0.1 | >99.9% |
DCPA | 43.5 | <0.1 | >99.8% |
Dicamba | 150.7 | <0.1 | >99.9% |
Dichlorprop | 190.2 | <0.1 | >99.9% |
Dinoseb | 52.9 | <0.1 | >99.8% |
Pyrimethanil | 39 | <0.1 | >99.7% |
Quinclorac | 43.5 | <0.1 | >99.8% |
Pesticides | | | |
2,4-D | 50.1 | <0.1 | >99.8% |
Alachlor (Lasso) | 502 | <0.1 | >99.9% |
Aldrin | 48.5 | <0.1 | >99.8% |
Alpha-BHC | 50 | <0.1 | >99.8% |
Atrazine | 98.4 | <0.1 | >99.9% |
Beta-BHC | 49.5 | <0.1 | >99.8% |
Bromacil | 50.1 | <0.1 | >99.8% |
Butachlor | 50.2 | <0.1 | >99.8% |
Biyulate | 42.5 | <0.1 | >99.8% |
Carbaryl | 80.4 | <0.1 | >99.8% |
Chlordane | 50.5 | <0.1 | >99.8% |
Chlorob | 50.5 | <0.1 | >99.8% |
Chlorprophane | 52.5 | <0.1 | >99.8% |
Chlorpyrifos | 50.2 | <0.1 | >99.8% |
Chlordesulphuron | 51.2 | <0.1 | >99.8% |
Cis-Chlordane | 50.5 | <0.1 | >99.8% |
Cyazine (Blades) | 50.5 | <0.1 | >99.8% |
Delta-BHC | 50.4 | <0.1 | >99.8% |
Dichlorvos | 51.4 | <0.1 | >99.8% |
Dieldrin | 48.5 | <0.1 | >99.8% |
Diphenamid | 49 | <0.1 | >99.8% |
Diufluron | 50.2 | <0.1 | >99.8% |
Endosulfan I | 42.9 | <0.1 | >99.8% |
Endosulfan II | 41.2 | <0.1 | >99.8% |
Endosulfan Sulfate | 51.5 | <0.1 | >99.8% |
Endrin | 62.1 | <0.1 | >99.8% |
Endrin Aldihyde | 45.1 | <0.1 | >99.8% |
Endrin Ketone | 50.3 | <0.1 | >99.8% |
Ethioprop | 50.4 | <0.1 | >99.8% |
Fenamiphos | 52.1 | <0.1 | >99.8% |
Fenamuron | 50 | <0.1 | >99.8% |
Fluoridone | 50.1 | <0.1 | >99.8% |
Flumethoxylate | 804 | <0.1 | >99.8% |
Heptachlor | 48.4 | <0.1 | >99.8% |
Heptachlor Epoxide | 50.2 | <0.1 | >99.8% |
Hexachlorobenzene (HCB) | 50.3 | <0.1 | >99.8% |
Lindane | 50.2 | <0.1 | >99.8% |
Methoxychlor | 50.1 | <0.1 | >99.8% |
Metolachlor | 50.2 | <0.1 | >99.8% |
Metribuzin | 50.8 | <0.1 | >99.8% |
Molate | 51.1 | <0.1 | >99.8% |
p,p'-DDT | 44.1 | <0.1 | >99.8% |
p,p'-DDE | 56.2 | <0.1 | >99.8% |
p,p'-DDT | 50.5 | <0.1 | >99.8% |
Polychlorinated biphenyls (PCBs) | 10.4 | <0.1 | >99.8% |
Propachlor | 50.2 | <0.1 | >99.8% |
Simazine | 50.5 | <0.1 | >99.8% |
Touphane | 15.1 | <0.1 | >99.3% |
Trans-Chlordane (Nonachlor) | 50.1 | <0.1 | >99.8% |
Phthalates | | | |
Benzyl butyl phthalate | 50.9 | <0.1 | >99.8% |
Butylbenzyl phthalate | 52.6 | <0.1 | >99.8% |
Di-n-butyl phthalate | 50.3 | <0.1 | >99.8% |
Di-n-octyl phthalate | 50.1 | <0.1 | >99.8% |
Dimethyl Phthalate | 50.1 | <0.1 | >99.8% |
Diethyl Phthalate | 49.2 | <0.1 | >99.8% |