



# LIFESTRAW® HOME: PERFORMANCE DATA

For all LifeStraw Home Water Filter Pitcher models & LifeStraw Home Water Filter Dispenser

NSF Reduction Requirement (%)	Average Percent Reduction (%)	Influent Challenge Concentration (mg/L)	Maximum Effluent Concentration (mg/L)	Maximum Permissible Effluent Concentration (mg/L)
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## MICROBIOLOGICAL POLLUTANTS

<b>BACTERIA</b> NSF P231	Min. 99.9999%	Min. 99.999999%	NA	NA	NA
<b>PARASITES</b> NSF P231/NSF 53	Min. 99.9%	Min. 99.999%	NA	NA	NA

## HEAVY METALS

<b>LEAD at pH 6.5</b> NSF/ANSI 53 STANDARDS	Min. 96.67%	96.35%	0.15±10%	0.00547	0.005
<b>LEAD at pH 8.5</b> NSF/ANSI 53 STANDARDS	Min. 96.67%	95.49%	0.15±10%	0.00676	0.005
<b>MERCURY at pH 6.5</b> NSF/ANSI 53 STANDARDS	66.67%	83.33%	0.006±10%	<0.001	0.002
<b>MERCURY at pH 8.5</b> NSF/ANSI 53 STANDARDS	66.67%	83.33%	0.006±10%	<0.001	0.002
<b>CHROMIUM III at pH 6.5</b> NSF/ANSI 53 STANDARDS	66.67%	84.72%	0.3±10%	0.04585	0.1
<b>CHROMIUM III at pH 8.5</b> NSF/ANSI 53 STANDARDS	66.67%	85.15%	0.3±10%	0.04455	0.1
<b>CADMIUM at pH 6.5</b> NSF/ANSI 53 STANDARDS	83.3%	93.33%	0.03±10%	<0.002	0.005
<b>CADMIUM at pH 8.5</b> NSF/ANSI 53 STANDARDS	83.3%	93.33%	0.03±10%	<0.002	0.005
<b>COPPER at pH 6.5</b> NSF/ANSI 53 STANDARDS	56.67%	99.83%	3.0±10%	0.0051	1.3
<b>COPPER at pH 8.5</b> NSF/ANSI 53 STANDARDS	56.67%	99.74%	3.0±10%	0.0078	1.3
<b>BARIUM at pH 6.5</b> NSF/ANSI 53 STANDARDS	80%	84.06%	10±10%	1.594	2
<b>BARIUM at pH 8.5</b> NSF/ANSI 53 STANDARDS	80%	84.01%	10±10%	1.599	2

## CHEMICALS

<b>CHLORINE</b> NSF/ANSI 42 STANDARDS	Min. 50%	Min. 97%	2±10%	<0.05	NA
<b>BISPHENOL A</b> NSF/ANSI 401 - GROUP 3	85%	95.44%	0.002±20%	0.0000913	0.0003
<b>PFOA &amp; PFOS</b> NSF 473 STANDARD	95.33%	99.33%	0.0015±10%	0.00001	0.00007
<b>DEET</b> NSF/ANSI 401 - GROUP 1	85.71%	99.2%	0.0014±20%	0.0000112	0.0002

## HERBICIDES & PESTICIDES

<b>ATRAZINE</b> NSF/ANSI 53 STANDARDS	Min. 66.6%	Min. 96.1%	0.009±10%	0.00035	0.003
<b>LINDANE</b> NSF/ANSI 53 STANDARDS	Min. 90%	Min. 95%	0.002±10%	<0.0001	0.0002
<b>LINURON</b> NSF/ANSI 401 - GROUP 1	85.71%	Min. 99.29%	0.00014±20%	<0.000001	0.00002
<b>METOLACHLOR</b> NSF/ANSI 401 - GROUP 1	85.71%	96.54%	0.0014±20%	0.0000485	0.0002

## PHARMACEUTICAL POLLUTANTS

<b>ATENOLOL</b> NSF/ANSI 401 - GROUP 1	85%	99.95%	0.0002±20%	<0.0000001	0.00003
<b>CARBAMAZEPINE</b> NSF/ANSI 401 - GROUP 1	85.71%	94.29%	0.0014±20%	0.00008	0.0002
<b>MEPROBAMATE</b> NSF/ANSI 401 - GROUP 1	85%	99.15%	0.0004±20%	0.0000034	0.00006
<b>TRIMETHOPRIM</b> NSF/ANSI 401 - GROUP 1	85.71%	Min. 99.29%	0.00014±20%	<0.000001	0.00002
<b>PHENYTOIN</b> NSF/ANSI 401 - GROUP 3	85%	99.5%	0.0002±20%	<0.000001	0.00003
<b>IBUPROFEN</b> NSF/ANSI 401 - GROUP 3	85%	89.23%	0.0004±20%	0.0000431	0.00006
<b>ESTRONE</b> NSF/ANSI 401 - GROUP 3	85.71%	93.93%	0.00014±20%	0.0000085	0.00002
<b>NAPROXEN</b> NSF/ANSI 401 - GROUP 3	85.71%	90.71%	0.00014±20%	0.000013	0.00002

## INDUSTRIAL POLLUTANTS

<b>TCEP</b> NSF/ANSI 401 - GROUP 2	86%	95.28%	0.005±20%	0.0002362	0.0007
<b>TCPP</b> NSF/ANSI 401 - GROUP 2	86%	91.79%	0.005±20%	0.0004103	0.0007