

LIFESTRAW HOME FILTRATION PERFORMANCE

The outstanding advantage of LS Home is the unique water filtration device on the market containing the microfiltration membrane which helps remove harmful bacteria and parasites from source water. With 2-stage filtration process, our product does not only remove harmful microorganisms but also reduces chlorine, lead, and other heavy metals

Contaminants filtered	LifeStraw Home	NSF/USEPA removal requirement	LS Home removal performance
Bacteria NSF P231/US EPA	✓	minimum 99.9999% reduction	minimum 99.999999% reduction
Parasites NSF P231/NSF 53	✓	minimum 99.9% reduction	minimum 99.999% reduction
Microplastics (as small as 1um)	✓	NA	minimum 99.999% reduction
Asbestos	✓	min 99% reduction	minimum 99.999% reduction
Improves taste and odor	✓	NA	improved
Chlorine NSF/ANSI 42 standards	✓	minimum 50% reduction	minimum 97% reduction
Pesticides and herbicides: Atrazine - NSF/ANSI 53	✓	Atrazine: maximum output 3 µg/L (equal to minimum 66.6% reduction)	Atrazine: maximum output 0.35 µg/L (equal to minimum 96.1% reduction)
Pesticides and herbicides: Lindane - NSF/ANSI 53	✓	Lindane : maximum output 0.2 µg/L (equal to minimum 90% reduction)	Lindane : maximum output < 0.1 µg/L (equal to minimum 95% reduction)
Pesticides and herbicides: Glyphosate	✓	maximum output: 700 µg/L	maximum output 1.12 µg/L (equal to minimum 99.94% reduction)
PFOA and PFOS - NSF 473	✓	total PFOA+PFOS: maximum output 0.07 µg/L	total PFOA+PFOS: maximum output <0.01 µg/L
Lead NSF/ANSI 53 standards	✓	maximum output 10 µg/L (equal to minimum 93.3% reduction)	maximum output 6.8 µg/L (equal to minimum 95.4% reduction)
Mercury NSF/ANSI 53 standards	✓	maximum output 2 µg/L (equal to minimum 66.6% reduction)	maximum output < 1 µg/L (equal to minimum 83.3% reduction)
Chromium III NSF/ANSI 53 standards	✓	maximum output 100 µg/L (equal to minimum 66.6% reduction)	maximum output 100 µg/L (equal to minimum 84.7% reduction)
Cadmium NSF/ANSI 53 standards	✓	maximum output 5 µg/L (equal to minimum 83.3% reduction)	maximum output <2 µg/L (equal to minimum 93.3% reduction)
Copper NSF/ANSI 53 standards	✓	maximum output 1.3 mg/L (equal to minimum 56.6% reduction)	maximum output 0.008 mg/L (equal to minimum 99.7% reduction)
Barium NSF/ANSI 53 standards	✓	maximum output 2 mg/L (equal to minimum 80% reduction)	maximum output 1.6 mg/L (equal to minimum 84% reduction)
Atenolol NSF/ANSI 401 - Group1	✓	maximum permissible product water concentration 60ng/L	maximum output <0.1 ng/L (equal to minimum 99.21% reduction)
Carbamazepine NSF/ANSI 401 - Group1	✓	maximum permissible product water concentration 200ng/L	maximum output 80 ng/L (equal to minimum 94.27% reduction)
DEET NSF/ANSI 401 - Group1	✓	maximum permissible product water concentration 200ng/L	maximum output 21.5 ng/L (equal to minimum 98.29% reduction)
Metolachlor NSF/ANSI 401 - Group1	✓	maximum permissible product water concentration 200ng/L	maximum output 48.5 ng/L (equal to minimum 96.41% reduction)
Meprobamate NSF/ANSI 401 - Group1	✓	maximum permissible product water concentration 60ng/L	maximum output 3.4 ng/L (equal to minimum 99.29% reduction)
Trimethoprim NSF/ANSI 401 - Group1	✓	maximum permissible product water concentration 20ng/L	maximum output <1 ng/L (equal to minimum 99.09% reduction)
Linuron NSF/ANSI 401 - Group1	✓	maximum permissible product water concentration 20ng/L	maximum output <1 ng/L (equal to minimum 99.28% reduction)
TCEP NSF/ANSI 401 - Group 2	✓	maximum permissible product water concentration 700ng/L	maximum output 236.2 ng/L (equal to minimum 95.94% reduction)
TCPP NSF/ANSI 401 - Group 2	✓	maximum permissible product water concentration 700ng/L	maximum output 410.3 ng/L (equal to minimum 91.68% reduction)
Phenytoin NSF/ANSI 401 - Group 3	✓	maximum permissible product water concentration 30ng/L	maximum output <1 ng/L (equal to minimum 99.45% reduction)
Ibuprofen NSF/ANSI 401 - Group 3	✓	maximum permissible product water concentration 60ng/L	maximum output 43.1 ng/L (equal to minimum 89.12% reduction)
Estrone NSF/ANSI 401 - Group 3	✓	maximum permissible product water concentration 20ng/L	maximum output 8.5 ng/L (equal to minimum 93.93% reduction)
Bisphenol A NSF/ANSI 401 - Group 3	✓	maximum permissible product water concentration 300ng/L	maximum output 91.3 ng/L (equal to minimum 95.45% reduction)
Naproxen NSF/ANSI 401 - Group 3	✓	maximum permissible product water concentration 20ng/L	maximum output 13 ng/L (equal to minimum 91.1% reduction)
Nonylphenol NSF/ANSI 401 - Group 3	✓	maximum permissible product water concentration 200ng/L	maximum output 138.4 ng/L (equal to minimum 88.85% reduction)