



ProSip
WATER FILTER STRAW

Test Parameter	Spiked Solution	After Filtration	% Removal
Inorganic Parameters			
Cadmium	0.245 mg/L	0.075 mg/L	69.4%
Mercury	0.364 mg/L	<0.0005 mg/L	>99.9%
Selenium	0.229 mg/L	0.024 mg/L	89.5%
Copper	1.30 mg/L	0.20 mg/L	84.6%
Lead	0.200 mg/L	0.003 mg/L	98.5%
Free Chlorine	2.1 mg/L	0.1 mg/L	95.2%
Chloride	250 mg/L	10.5 mg/L	95.8%
Fluoride	8.1 mg/L	0.15 mg/L	84.0%
Micro-organisms			
E. Coli	2.0 x 10 ⁴ CFU/mL	2.1 x 10 ³ CFU/mL	89.5%
Klebsiella pneumoniae	10 ⁸ CFU/L	10 CFU/L	99.99999%
Amoeba	10 ⁸ CFU/L	10 CFU/L	99.99999%
Rotavirus	10 ⁷ CFU/L	10 CFU/L	99.999%
Giardia lamblia	10 ⁷ CFU/L	10 CFU/L	99.999%

Results above based on test performed under laboratory conditions stated by the EPA 1987 protocol microbiological water purifier testing. The results show straw meets and exceeds the EPA requirements of LOG 6 reduction for bacteria LOG 3 reduction for protozoan parasites. Results may vary depending on water source and duration of use.