

Performance Data Sheet

Use Replacement Cartridge: MDJ64844601(LT1000P)

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and Standard 53 and Standard 401.



System tested and certified by NSF International against NSF/ANSI Standard 42, Standard 53 and Standard 401. For the reduction of substances listed below.

Contaminant Reduction	Average Influent Challenge	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirement
Chlorine Taste and Odor	2.0 µg/L	2.0 µg/L ± 10%	>97.5%	0.050 µg/L	N/A	≥ 50.00%
Nominal Particulate Class I, ≥ 0.5 to < 1.0 µm	12,000,000 pts/mL	At least 10,000 particles/mL	99.80%	24,000 pts/ml	N/A	≥ 85.00%
Asbestos	180 MFL	10 ⁷ to 10 ⁸ MFL; fibers greater than 10 µg/Lin length	>99.00%	< 1 MFL	N/A	≥ 99.00%
Atrazine	8.5 µg/L	9.0 µg/L ± 10%	>94.10%	0.500 µg/L	3.0 µg/L	NA
Benzene	15.0 µg/L	15.0 µg/L ± 10%	>96.60%	0.510 µg/L	5.0 µg/L	NA
Carbofuran	74.0 µg/L	80.0 µg/L ± 10%	98.30%	1.258 µg/L	40 µg/L	NA
Lindane	1.9 µg/L	2.0 µg/L ± 10%	>99.00%	0.019 µg/L	0.2 µg/L	NA
P-Dichlorobenzene	230.0 µg/L	225.0 µg/L ± 10%	>99.80%	0.460 µg/L	75.0 µg/L	NA
2,4-D	210.0 µg/L	210.0 µg/L ± 10%	>99.90%	0.210 µg/L	70.0 µg/L	NA
Lead @ pH 6.5	140.0 µg/L	150.0 µg/L ± 10%	99.60%	0.560 µg/L	10.0 µg/L	NA
Lead @ pH 8.5	150.0 µg/L	150.0 µg/L ± 10%	>90%	<0.500 µg/L	10.0 µg/L	NA
Mercury @ pH 6.5	5.9 µg/L	6.0 µg/L ± 10%	91.00%	0.531 µg/L	2.0 µg/L	NA
Mercury @ pH 8.5	5.6 µg/L	6.0 µg/L ± 10%	92.50%	<0.420 µg/L	2.0 µg/L	NA
Cyst*	100,000 cysts/L	Minimum 50,000 cysts/L	>99.99%	10	N/A	≥ 99.95%
Atenolol	240 ng/L	200 ± 40% ng/L	> 95.50%	10.80 ng/L	30 ng/L	NA
Carbamazepine	1600 ng/L	1400 ± 40% ng/L	98.40%	25.60 ng/L	200 ng/L	NA
DEET	1600 ng/L	1400 ± 40% ng/L	97.10%	46.40 ng/L	200 ng/L	NA
Trimethoprim	170 ng/L	140 ± 40% ng/L	>96.80%	5.44 ng/L	20 ng/L	NA
Linuron	160 ng/L	140 ± 40% ng/L	>96.60%	5.44 ng/L	20 ng/L	NA
Phenytoin	200 ng/L	200 ± 40% ng/L	>94.80%	10.40 ng/L	30 ng/L	NA
Ibuprofen	400 ng/L	400 ± 40% ng/L	>94.50%	22.00 ng/L	60 ng/L	NA
Naproxen	140 ng/L	140 ± 40% ng/L	>96.10%	5.46 ng/L	20 ng/L	NA
Estrone	120 ng/L	140 ± 40% ng/L	>96.10%	4.68 ng/L	20 ng/L	NA
Bisphenol A	2000 ng/L	2000 ± 40% ng/L	>98.90%	22.00 ng/L	300 ng/L	NA
Nonyl Phenol	1600 ng/L	1400 ± 40% ng/L	>97.10%	46.40 ng/L	200 ng/L	NA

* Based on the use of Cryptosporidium parvum oocysts.