filtro®
wellness tech

Reverse Osmosis Water Filtration System **Model**: DF1000-ALK3

Certified by IAPMO R&T to NSF/ANSI 372 for low lead(≤0.025%)

Testing performed under NSF/ANSI standards 42&53&58. This system has been tested according to NSF/ANSI 42&53&58 for the reduction of substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permittable limit for the water leaving the filter as specified in NSF/ANSI 42&53&58. Product tested by SGS lab for contaminant below.

Substance	Unit(s)	Test method(s)	Influent spiked water	Effluent filtrated water	NSF Reduction Requirements	"Test Result - *Removal rate(s)"
NSF/ANSI Standard 42 – Aesthetic Effects						
Chlorine	mg/L	USEPA 330.5	2.04	＜0.01	≥50%	>99.50%
NSF/ANSI Standard 53 – Health Effects						
Perfluorooctane Sulfonate (PFOS)	mg/L	EPA 537.1	0.001003	<0.000004	0.00002	>99.60%
Perfluorooctanoic acid (PFOA)	mg/L	EPA 537.1	0.000734	<0.000004	0.00002	>99.45%
NSF/ANSI Standard 58 – Health Effects						
Total dissolved solids(TDS)	mg/L	GB/T 5750.4-2023	833	27	187	96.76%
Turbidity	NTU	GB/T 5750.4-2023	10.4	0.23	0.5	97.79%
Nitrate (as N)	mg/L	EPA 300.0	26.537	0.825	10	96.89%
Fluoride	mg/L	EPA 300.0	8.793	0.459	1.5	94.78%

Substance	Unit(s)	Test method(s)	Influent spiked water	Effluent filtrated water	NSF Reduction Requirements	"Test Result - *Removal rate(s)"
Pentavalent arsenic (As)	mg/L	EPA 200.8	0.298	<0.0002	0.010	>99.93%
Cadmium (Cd)	mg/L	EPA 200.8	0.0512	<0.0002	0.005	>99.60%
Chromium (hexavalent)	mg/L	EPA 200.8	0.274	＜0.001	0.1	>99.63%
Lead (Pb)	mg/L	EPA 200.8	0.1524	0.0003	0.005	99.80%
Mercury (Hg)	mg/L	EPA 200.8	0.0069	<0.0002	0.002	>97.10%
Copper (Cu)	mg/L	EPA 200.8	2.783	0.019	1.3	99.32%
Barium (Ba)	mg/L	EPA 200.8	11.56	0.024	2.0	99.79%
Selenium (Se)	mg/L	EPA 200.8	0.121	＜0.001	0.05	>97.17%
#Perchlorate	mg/L	GB/T 5750. 5-2023	0.11	＜0.002	0.004	>98.18%
Microbial ReductionTesting						
Total coliforms	CFU/ 100mL	GB/T 5750. 12-2023	5.0×10s	<1	/	>99.99%

*Removal rate (%) = (test result of Influent spiked water - test result of Effluent filtrated water)/ test result of Influent spiked water x100%.

Manufacturer Technical Support

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