



Product Type  
Express Water Reverse Osmosis System

Manufactured By  
Express Water • 12730 Raymer St., Unit 1, North Hollywood CA 91605 • Tel. (800) 992-8876

Conditioning Procedure 24 hours flush      Testing Completed 08/10/2021

## QFT LABORATORY, LLC.

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EPA ID# NJ01298 IAPMO ID# 000102 ANAB Cert ID AT-2866

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QFT Laboratory, LLC specializes in water filter testing following NSF/ANSI standards 42, 53, 58, 61, P231, 401, and 473. QFT Laboratory is currently certified by ANAB to perform filter testing in compliance with the ISO 17025. The laboratory is recognized by IAPMO to test water filters as per NSF/ANSI standard. QFT Laboratory is an ISO 17025 laboratory.

### METALS

NSF/ANSI Std 58 - 2020

Emerging Contaminants in µg/L

Contaminant Tested	Influent Water	Effluent Water	% Reduction
Mercury	6.6	<0.01	>99.85%
Selenium	103	<1	>99.03%
Copper	2710	<1	>99.96%
Lead	159	<1	>99.37%
Uranium	101	<1	>99.01%
Beryllium	6.7	<0.1	>98.51%
Arsenic	54	<1	>98.15%
Cadmium	29	<1	>96.55%
Chromium VI	272	<1	>99.63%

### NITRATE / NITRITE

NSF/ANSI Std 58 - 2020

Emerging Contaminants in mg/L

Contaminant Tested	Influent Water	Effluent Water	% Reduction
Nitrate	27	0.2	99.26%
Nitrite	3	0.03	98.92%
Nitrate & Nitrite	30	0.23	99.23%

### VOCs (VOLATILE ORGANIC COMPOUNDS)

NSF/ANSI Std 58 - 2020 / EPA 524.2

VOCs in µg/L

Contaminant Tested	Influent Water	Effluent Water	% Reduction
Dichlorodifluoromethane	48.6	<0.01	>99.98%
Chloromethane	81.38	<0.01	>99.99%
Vinylchloride	48.6	<0.01	>99.98%
Bromomethane	48.01	<0.01	>99.98%
Chloroethane	85.09	<0.01	>99.99%
Fluorotrchloromethane	20.85	<0.01	>99.95%
1,1-Dichloroethene	58.49	<0.01	>99.98%
Carbon Disulfide	66.99	<0.01	>99.99%
Methylene Chloride	51.82	<0.01	>99.98%
Acetone	48.1	<0.01	>99.98%
Trans-1,2-Dichloroethene	48.25	<0.01	>99.98%
MTBE	55.21	<0.01	>99.98%
Acetonitrile	48.6	<0.01	>99.98%
1,1-Dichloroethane	54.43	<0.01	>99.98%
Acrylonitrile	53.29	<0.01	>99.98%
Cis-1,2-Dichloroethane	48.25	<0.01	>99.98%
2,2-Dichloropropane	64.73	<0.01	>99.98%
Bromochloromethane	46.65	0.04	99.91%
Chloroform	53.58	0.04	99.93%
Carbon Tetrachloride	48.14	<0.01	>99.98%
1,1,1-Trichloroethane	68.85	<0.01	>99.99%
2-Butanone	48.6	<0.01	>99.98%
1,1-Dichloropropane	64.4	<0.01	>99.98%
Benzene	50.88	<0.01	>99.98%
1,2-Dichloroethane	50.52	<0.01	>99.98%
Trichloroethene	97.28	<0.01	>99.99%
Dibromomethane	49.63	<0.01	>99.98%
1,2-Dichloropropane	53.28	<0.01	>99.98%
Bromodichloromethane	44	<0.01	>99.98%
Cis-1,3-dichloropropene	55.06	<0.01	>99.98%
Toluene	88	<0.01	>99.99%
4-Methyl-2-Pentanone	48.6	<0.01	>99.98%
Trans-1,3-Dichloropropane	55.06	<0.01	>99.98%
Tetrachloroethene	71.75	<0.01	>99.99%
1,1,2-Trichloroethane	52.86	<0.01	>99.98%
Chlorodibromomethane	55.02	<0.01	>99.98%
1,3-Dichloropropane	44.38	<0.01	>99.98%
1,2-Dibromomethane	52.78	<0.01	>99.98%
2-Hexanone	48.3	<0.01	>99.98%
Ethylbenzene	79.47	<0.01	>99.99%
Chlorobenzene	53.04	<0.01	>99.98%
1,1,1,2-Tetrachloroethane	49.93	<0.01	>99.98%
M and p-Xylene	82.05	<0.01	>99.99%
o-Xylene	81	<0.01	>99.99%
Styrene	91.21	<0.01	>99.99%
Bromoform	60.29	<0.01	>99.98%
Isopropyl benzene	76.08	<0.01	>99.99%
n-Propylbenzene	71.21	<0.01	>99.99%
Bromobenzene	47.81	<0.01	>99.98%
1,1,2,2-Tetrachloroethane	55.46	<0.01	>99.98%
1,3,5-Trimethylbenzene	76.08	<0.01	>99.99%
2-Chlorotoluene	80.58	<0.01	>99.99%
1,2,3-Trichloropropane	96.49	<0.01	>99.99%
4-Chlorotoluene	52.64	<0.01	>99.98%
Tert-Butylbenzene	59.63	<0.01	>99.98%
1,2,4-Trimethylbenzene	78.88	<0.01	>99.99%
Sec-Butylbenzene	57.94	<0.01	>99.98%
4-Isopropyltoluene	59.63	<0.01	>99.98%
1,3-Dichlorobenzene	53.17	<0.01	>99.98%
1,4-Dichlorobenzene	99.05	<0.01	>99.99%
n-Butylbenzene	52.64	<0.01	>99.98%
1,2-Dichlorobenzene	48.16	<0.01	>99.98%
1,2-Dibromo-3-Chloropropane	54.54	<0.01	>99.98%
Hexachlorobutadiene	55.16	<0.01	>99.98%
1,2,4-Trichlorobenzene	99.9	<0.01	>99.99%
Naphthalene	88.29	<0.01	>99.99%
1,2,3-Trichlorobenzene	48.6	<0.01	>99.98%

### SEMI-VOLATILES

NSF/ANSI Std 58 - 2020 / EPA 524.2

Semi-Volatile Compounds in µg/L

Contaminant Tested	Influent Water	Effluent Water	% Reduction
Isophrone	38.28	<0.5	>98.69%
Naphthalene	36.62	<0.5	>98.63%
EPTC	30.42	<0.5	>98.36%
Dimethylphthalate	36.95	<0.5	>98.65%
Pebulate	42.24	<0.5	>98.82%
Etridiazole	42.65	<0.5	>98.83%
2,6-Dinitrotoluene	36.79	<0.5	>98.64%
Acenaphthylene	34.26	<0.5	>98.54%
BHT	40.65	<0.5	>98.77%
Tebuthiuron	44.05	<0.5	>98.86%
2,4-Dinitrotoluene	13.53	<0.5	>96.30%
Diethylphthalate	39.19	<0.5	>98.72%
Fluorene	36.18	<0.5	>98.62%
DEET	39.83	<0.5	>98.74%
Cycloate	20.28	<0.5	>97.53%
Trifluralin	16.44	<0.5	>96.96%
Atraton	38.91	<0.5	>98.71%
Prometon	41.1	<0.5	>98.78%
Pentachlorophenol	37.75	<0.5	>98.68%
Phenanthrene	47.43	<0.5	>98.95%
Anthracene	47.45	<0.5	>98.95%
Propylmethylmethane	54.32	<0.5	>99.08%
Terbacil	43.94	<0.5	>98.86%
Vinlozalin	51.33	<0.5	>99.03%
Simetryn	41.2	<0.5	>98.79%
Ametryn	54.57	<0.5	>99.08%
Prometryn	42.08	<0.5	>98.81%
Terbutryn	38.49	<0.5	>98.70%
Di-n-Butylphthalate	54.2	<0.5	>99.08%
Tridemefon	55.86	<0.5	>99.10%
MGK 264	33.01	<0.5	>98.49%
Diphenamid	49.06	<0.5	>98.98%
Fluoranthene	59.13	<0.5	>99.15%
Pyrene	53.62	<0.5	>99.07%
Napropamide	49.06	<0.5	>98.98%
Oxyfluorfen	38.19	<0.5	>98.69%
Nitrofen	23.6	<0.5	>97.88%
Butylbenzylphthalate	48.84	<0.5	>98.98%
Norflurazon	22.26	<0.5	>97.75%
Bis (2-Ethylhexyl) Adipate	58.69	<0.5	>99.15%
Hexazinone	46.46	<0.5	>98.92%
Benzo (a) Anthracene	48.56	<0.5	>98.97%
Chrysene	45.12	<0.5	>98.89%
Bis (2-Ethylhexyl) Phthala	45.03	<0.5	>98.89%
Tebuconazole	27.76	<0.5	>98.20%
Fenarimol	46.87	<0.5	>98.93%
Di-n-Octylthalate	45.03	<0.5	>98.89%
Benzo (b) Fluoranthene	35.14	<0.5	>98.58%
Benzo (k) Fluoranthene	35.14	<0.5	>98.58%
Benzo (a) Pyrene	35.14	<0.5	>98.58%
Fluorindene	70.12	<0.5	>99.29%
Indeno (1,2,3-cd) Pyrene	42.61	<0.5	>98.83%
Dibenzo (a,h) nthalacene	51.13	<0.5	>99.02%
Benzo (g,h,i) Perylene	42.61	<0.5	>98.83%

### PHARMACEUTICALS

NSF/ANSI Std 58 & Std 401 - 2020

Emerging Contaminants in ng/L

Contaminant Tested	Influent Water	Effluent Water	% Reduction
Triclosan	31.01	<0.01	>99.97%
Acetaminophen	23.28	<0.01	>99.96%
Trimethoprim	61.58	0.29	99.53%
Ciprofloxacin	63.87	<0.01	>99.98%
Caffeine	42.63	<0.01	>99.98%
Sulfamethoxazole	59.69	1.87	96.87%
Estrone	56.87	0.39	99.31%
17-beta-Estradiol	20.01	<0.01	>99.95%
17-Alpha-Ethylestradiol	64.74	<0.01	>99.98%
Gemfibrozil	30.53	<0.01	>99.97%
Diclofenac Sodium	94.26	0.87	99.08%
Ibuprofen	43.04	<0.01	>99.98%
Naproxen	72.71	1.28	98.24%
Testosterone	97.22	<0.01	>99.99%
Primidone	52.6	<0.01	>99.98%
Bisphenol A	92.47	<0.01	>99.99%
Progesterone	40.31	<0.01	>99.98%
Erythromycin	86.17	<0.01	>99.99%
Carbamazepine	57.72	2.02	96.50%
Fluoxetine	111.05	3.38	96.96%
4-tert-Octylphenol	44.09	0.29	99.34%
4-para-Nonylphenol	63.09	2.26	96.42%

### CHEMICAL DISINFECTANTS

NSF/ANSI Std 58 & Std 42 - 2020

Emerging Contaminants in mg/L

Contaminant Tested	Influent Water	Effluent Water	% Reduction
Chlorine	2.17	0.03	98.62%
Chloramine	3.17	0.01	99.68%

### FLUORIDE

NSF/ANSI Std 58 - 2020

Emerging Contaminants in mg/L

Contaminant Tested	Influent Water	Effluent Water	% Reduction
Fluoride	8.21	0.014	99.83%