

## Portable Water Filter Testing Results

This testing information is based on an average of the four laboratories listed below. It should be understood that the results were obtained by using EPA, ANSI and NSF protocol and methodology. The individual tests are available upon request.

**DESCRIPTION OF TESTING METHODS-** EPA METHOD 608, 524.2, 504, 505, 507, 515.1, 531.1, 624 from EPA publication EPA 600/4-79-020, rev. 3/83, and ANSI/NSF Standard 53. Results are for Nov.-Dec. 2001 and 1996-97.

### ORGANIC TESTING: Volatile Organic Compounds -- Organochlorine Pesticides

Analyte	Prefilter Concentration	Units	% Reduction
Bromodichloromethane*	250	ug/l	>98.40
Bromoform*	250	ug/l	>99.44
Acetone	250	ug/l	>96.20
Benzene	250	ug/l	>98.84
Chloroform*	250	ug/l	>98.52
Chlorobenzene	250	ug/l	>99.20
Dibromochloromethane*	250	ug/l	>98.08
Carbon Tetrachloride	250	ug/l	>99.56
1,2-1,3-1,4- Dichlorobenzenes	250	ug/l	>99.80
1,1-1,2- Dichloroethane	250	ug/l	>98.24
1,1-1,2-Dichloroethylene	250	ug/l	>98.81
Ethylbenzene	250	ug/l	>99.52
Styrene	250	ug/l	>99.72
MTBE	250	ug/l	>99.80
1,1,1-1,1,2- Trichloroethane	250	ug/l	>99.76
Trichloroethylene	250	ug/l	>99.20
Toluene	250	ug/l	>99.16
Total Xylenes	250	ug/l	>99.61
Gamma BHC (Lindane)	10	ug/l	>98.00
Heptachlor	10	ug/l	>90.90
Endrin	10	ug/l	>99.00
Ethylene Dibromide (EDB)	10	ug/l	>95.00
Dibromochloroprepene (DBCP)	10	ug/l	>98.00
Heptachlor -Epoxide	10	ug/l	>99.86
4,4-DDD and DDT	10	ug/l	>98.80
Methoxychlor	10	ug/l	>90.00
PCB's Arochlor- 1260	20	ug/l	>94.50

\* Note: Compounds listed are Trihalomethanes

### INORGANIC TESTING: MBAS analysis - Trace Metals - Turbidity - Radiological

Analyte	Prefilter Concentration	Units	% Reduction
Aluminum	2	mg/l	>90.00
Arsenic	200	mg/l	>88.90
Cadmium	200	mg/l	>99.50
Chlorine Residual	.60	mg/l	>95.00
Chromium 6	200	mg/l	>99.87
Copper	200	mg/l	>95.00
Fluoride	1	mg/l	>90.00
Lead	200	mg/l	>97.50
Mercury	25	mg/l	>99.60
Nitrate & Nitrite	19.165	mg/l	>88.43
Radon 222	540	pci/l	>99.00
Total Suspended Solids	486	mg/l	>99.00
Turbidity	20	NTU	>85.60

### MICROBIOLOGICAL TESTING

Cryptosporidium, Giardia	10 <sup>6</sup> /L		>99.9
Virus	10 <sup>6</sup> /L		>99.99
Bacteria			>99.9999

### RADIOLOGICAL TESTING

Radon 222	540/l		>100.00
Cs-137			>100.00
Total Alpha Radium (226)			>100.00
Uranium			>100.00

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|---|----------------|
| 1) National Testing Laboratories - 6555 Wilson Mills Road, Cleveland, OH 44143          | 1-800-458-3330 |
| 2) County of Los Angeles, Dept of Agriculture - 11012 Garfield Ave, Southgate, CA 90280 | 562-940-8916   |
| 3) CLT Environmental Laboratories - 24416 S. Main Street, Carson, CA 90745              | 310-549-6636   |
| 4) BioVir Laboratories, Inc. 686 Stone Road, Benicia, CA 94510                          | 1-800-GIARDIA  |
| 5) FGL Environmental  | 805-659-0910   |