

TYPICAL ANALYTICAL RESULTS

OBTAINED BY INDEPENDENT LABORATORIES ON WATER
PRODUCED BY PURE WATER BRAND DISTILLATION SYSTEMS

INORGANIC

<u>Contaminant</u>	<u>% Reduction</u>	<u>Contaminant</u>	<u>% Reduction</u>
Arsenic	>99.9	Iron	>99.9
Cadmium	>99.9	Lead	>99.9
Calcium	98.9	Magnesium	99.8
Chloride	>99.9	Manganese	>99.9
Chromium	>99.9	Mercury	99.9
Cobalt	>99.9	Nitrate	>99.9
Copper	>99.9	Potassium	>99.9
Fluoride	>99.9	Selenium	>99.9
Hardness	99.1	Sodium	99.9

Tests conducted by MidWest Laboratories Inc. Omaha, NE & State of Nebraska Health Department

ORGANIC

Benzene	>99.9	Malathion	99.9
Bromochloromethane	>99.9	Methylene Chloride	>99.9
Bromoform	>99.9	Napthalene	>99.9
Chloroform	>99.9	Phenol	>99.9
Ethylbenzene	>99.9	Styrene	>99.9
Lindane	99.9	Toluene	>99.9

Tests conducted by Midwest Laboratories Inc. Omaha, NE

BIOLOGICAL

Giardia intestinalis:

"in all 20 samples of the distillate examined, no Giardia organisms were observed."

Tests conducted by Harris Laboratories, Lincoln, NE

Coliforms and Pseudomonas:

<u>Sample time</u>	<u>Total Plate Count</u>	<u>Coliform</u>	<u>Pseudomonas</u>
5 weeks	0	negative	negative

Tests conducted by A&L Midwest Agricultural Laboratories Inc. Omaha, NE

Blue - Green Algae:

"The results indicate that distillation effectively lowered the concentration of the 3 cyanotoxins below instrument detection limits."

Tests conducted by University of Nebraska-Lincoln

Bacillus subtilis:

<u>Raw Water Conc</u>	<u>Product Water Conc</u>	<u>Removal Efficacy</u>	<u>Action Level</u>	<u>Test Method</u>
1 x 10 ⁸ CFU/ml	None Detected	99.99%	10 CFU/ml	NSF Std 62 Annex C

Tests conducted by Midwest Laboratories Inc. Omaha, NE

RADIOACTIVE

<u>Contaminant</u>	<u>% Reduction</u>	<u>Contaminant</u>	<u>% Reduction</u>
Iodine*	89.6	Uranium**	99.5
Cesium*	99.8	Strontium 90***	91.0

Tests conducted by: * University of Nebraska-Lincoln; ** FGL Environmental; *** Orlando Laboratories

Notes: All testing done in laboratory conditions utilizing a Pure Water distiller plus carbon post-filter.

These results are a guide only and should not be construed as a guarantee of specific results under actual use conditions.

Local water conditions and maintenance of equipment will have an impact on results you will obtain.

The user is responsible for ensuring the water obtained meets the specific requirements of the application.

For assistance on testing call Pure & Secure LLC. 402-467-9300 and ask for Technical Services Department.