

SteamPure™ WATER TEST RESULTS

Obtained by Independent Laboratories on Water
Produced by Pure & Secure, LLC. 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, Nebraska or 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				
<i>Giardia intestinalis:</i>				
"in all 20 samples of the distillate examined, no Giardia organisms were observed."				
<i>Tests conducted by Harris Laboratories, Lincoln, NE</i>				
<i>Coliforms and Pseudomonas:</i>				
	<u>Sample time</u>	<u>Total Plate Count</u>	<u>Coliform</u>	<u>Pseudomonas</u>
	immediate	0	negative	no sample taken
	1 week	0	negative	no sample taken
	3 weeks	0	negative	negative
	5 weeks	0	negative	negative
<i>Tests conducted by A&L Midwest Agricultural Laboratories Inc. Omaha, NE</i>				
<i>Bacillus subtilis:</i>				
	<u>Raw Water Conc</u>	<u>Product Water Conc</u>	<u>Removal Efficacy</u>	<u>Action Level</u>
	1 x 108 CFU/ml	None Detected	99.99%	10 CFU/ml
				<u>Test Method</u>
				NSF Std 62 Annex C
<i>Tests conducted by Midwest Laboratories Inc. Omaha, NE</i>				

RADIOACTIVE			
<u>Contaminant</u>	<u>% Reduction</u>	<u>Contaminant</u>	<u>% Reduction</u>
Gross Alpha	99.9	Gross Beta	97.5
Tritium	0	Strontium 90	91.0

Tests conducted by Orlando Laboratories, Inc. Orlando, FL

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