

Sample(s): BCS 1407065 and 1407066, received July 07, 2014.
Test: Filtration Efficacy – Efficacy following passage of 1000 gallons of City of Gainesville municipal tap water **
Test Parameter: Soluble Inorganic; Metals – pH 6.5
Performed and Analyzed by: George Lukasik, Ph.D. & Kintin Ng; July 18, 2014

Metal Species	Influent Concentration (ppm)	1000 Gallons United Filter #1 Effluent BCS 1407065		1000 Gallons United Filter #2 Effluent BCS 1407066		Cumulative % Reduction
		Concentration (ppm)	% Reduction	Concentration (ppm)	% Reduction	
Arsenic	0.10	<0.0040**	>96.0%	<0.0040**	>96.0%	>96.0%
Cadmium	0.10	<0.0010**	>99.0%	<0.0010**	>99.0%	>99.0%
Chromium	0.10	0.010	90.0%	0.010	90.0%	90.0%
Iron	0.30	<0.050**	>83.3%	<0.050**	>83.3%	>84.4%
Lead	0.10	0.0038	96.2%	<0.0020	98.0%	>97.1%
Mercury	0.00110	0.00040	63.6%	0.00042	61.8%	62.7%
Selenium	0.11	0.018	83.6%	0.016	85.5%	84.6%
Silver	0.056	<0.0010**	>98.2%	<0.0010**	>98.2%	>98.2%

** The species was not detected in the filter effluent.

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BCS LABORATORIES INC.-GAINESVILLE
 4609 NW 6TH STREET, STE. A, GAINESVILLE, FLORIDA 32609
 TEL. (352) 377-9272, FAX. (352) 377-5630

WWW.MICROBIOSERVICES.COM

FL DOH LABORATORY #E82924, EPA# FL01147

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FILE: UNITED FILTERS INTERNATIONAL BCS 1407065-66 WATER Filters SOLUBLE METAL REMOVAL.DOCX



Project: Prototype Purifier Initial Efficacy Testing
 BCS LABORATORIES, INC. – GAINESVILLE
 4609 NW 6TH STREET, STE. A, GAINESVILLE, FLORIDA 32609
 TEL. (352) 377-9272, FAX. (352) 377-5630

WWW.MICROBIOSERVICES.COM

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