

**Table 2.** Chemical analyses (including precision and accuracy) of water samples collected from lysimeters at the Manning Canyon repository, Mercur Mining District, Utah.

[All samples analyzed by method ICP–MS, inductively coupled plasma mass spectrometry, except as indicated for sodium (Na); µg/L, micrograms per liter; mg/L, milligrams per liter; AES, sodium analyzed by method ICP–AES, inductively coupled plasma–atomic-emission spectrometry, Na values from ICP–AES samples diluted and run; MS, sodium analyzed by method ICP–MS, inductively coupled plasma mass spectrometry; <, less than; D.I., deionized water added to lysimeter; nr, sodium values not reported because out of ICP–MS method range; asterisk (at Field Sample number P1L3Z05) indicates uncertainty of depth of lysimeter sampling zone due to tubing problems at and near that location]

Laboratory sample number	Field sample number	Sample description	Silver (Ag) µg/L	Aluminum (Al) µg/L	Arsenic (As) µg/L	Barium (Ba) µg/L	Beryllium (Be) µg/L	Bismuth (Bi) µg/L	Calcium (Ca) mg/L	Cadmium (Cd) µg/L	Cerium (Ce) µg/L	Cobalt (Co) µg/L	Chromium (Cr) µg/L	Copper (Cu) µg/L	Dysprosium (Dy) µg/L	Erbium (Er) µg/L	Europium (Eu) µg/L	Iron (Fe) µg/L	Gallium (Ga) µg/L	Gadolinium (Gd) µg/L	Germanium (Ge) µg/L
C-308476	P1L1Z05	Sample collected	<1	4.5	17.5	25.8	<0.05	< 0.2	14.7	0.06	< 0.01	1.07	12.1	3.1	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	< 0.05
C-308477	P1L1Z10	Sample collected	<1	29.7	33.5	12.2	<0.05	< 0.2	21.7	0.37	0.06	45.8	14.1	5.4	0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	0.1
C-308478	P1L1Z15	D.I. water added	<1	<2	17.6	25.8	<0.05	< 0.2	12.8	0.06	< 0.01	0.93	11.5	2.1	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	< 0.05
C-308479	P1L2Z05	Sample collected	<1	<2	29.4	29.9	<0.05	< 0.2	20.6	0.18	< 0.01	5.85	25.8	4.2	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	0.1
C-308480	P1L3Z05	D.I. water added	<1	27.7	25.2	10.3	<0.05	< 0.2	51.5	0.35	0.01	172	9	5	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	0.1
C-308481	P1L3Z05 *	Sample collected	<1	<2	5.7	13.5	<0.05	< 0.2	456	0.18	< 0.01	554	6.1	5.5	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	0.2
C-308482	P1L3Z10	Sample collected	<1	3.5	7.8	13.1	<0.05	< 0.2	438	0.22	< 0.01	544	5.5	6.2	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	0.2
C-308483	P1L3Z15	D.I. water added	<1	33.8	18.5	1.11	<0.05	< 0.2	1.91	0.1	0.04	3.24	3.3	3.2	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	< 0.05
C-308484	P1L4Z05	Sample collected	<1	<2	58.8	31	<0.05	< 0.2	27.7	0.06	0.01	7.75	15.8	4.8	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	0.1
C-308485	P1L4Z10	Sample collected	<1	3.2	53.3	29.7	<0.05	< 0.2	91.9	0.12	0.02	9.93	8.3	10.3	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	0.37
C-308486	P1L4Z15	D.I. water added	<1	<2	12	7.1	<0.05	< 0.2	14.9	0.03	0.02	0.46	5.6	1.8	0.006	0.006	< 0.005	<50	< 0.05	< 0.005	0.08
C-308487	P2L3Z10	Sample collected	<1	2.6	187	80.4	<0.05	< 0.2	160	0.08	0.05	5.74	4.5	12	0.020	0.010	0.01	<50	< 0.05	0.01	0.08
C-308488	P2L3Z15	Sample collected	<1	<2	103	394	<0.05	< 0.2	219	0.03	0.04	3.85	4.7	5	0.009	0.009	0.04	<50	< 0.05	0.009	0.09
C-308489	P2L4Z05	Sample collected	<1	<2	25.4	203	<0.05	< 0.2	225	0.06	0.11	2.17	10.6	9.8	0.02	0.01	0.02	<50	< 0.05	0.02	0.07
C-308490	P2L4Z10	Sample collected	<1	3.7	19.5	335	<0.05	< 0.2	396	0.06	0.1	33.5	4.1	7.3	0.01	0.01	0.03	<50	< 0.05	0.02	< 0.05
C-308491	P2L4Z15	D.I. water added	<1	<2	<1	5.26	<0.05	< 0.2	2.78	<0.02	< 0.01	<0.02	<1	0.72	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	< 0.05
C-308492	FB01	FIELD BLANK	<1	<2	<1	<0.2	<0.05	< 0.2	<0.2	<0.02	< 0.01	<0.02	<1	<0.5	< 0.005	< 0.005	< 0.005	<50	< 0.05	< 0.005	< 0.05
<b>Measure of accuracy using Standard Reference Solution</b>																					
T-131 found			1.28	116	52.5	488	12.4	11.6	29.8	6.22	0.01	22.8	16.8	20.6	< 0.005	< 0.005	0.067	59	< 0.05	< 0.005	0.1
T-131 found			1.28	116	52.5	488	12.4	11.6	29.8	6.22	0.01	22.8	16.8	20.6	< 0.005	< 0.005	0.067	59	< 0.05	< 0.005	0.1
T-131 found			1.28	116	52.5	488	12.4	11.6	29.8	6.22	0.01	22.8	16.8	20.6	< 0.005	< 0.005	0.067	59	< 0.05	< 0.005	0.1
T-131 average				116	52.5	488	12.4	11.6	29.8	6.2	0.0	22.8	16.8	20.6			0.067	59			
T-131 true			1	132	57	507	12.2		31	6.1		24.6	19	20				90.7			
Percent recovery			0.0%	87.9%	92.8%	96.3%	101.6%		97.4%	102.0%		92.7%	90.3%	102.0%				65.0%			
M-178 found			< 1	< 2	< 1	30.0	< 0.05	< 0.2	46.7	1.51	< 0.01	3.00	< 1	1.2	< 0.005	< 0.005	< 0.005	< 50	< 0.05	< 0.005	< 0.05
M-178 found			< 1	< 2	< 1	30.5	< 0.05	< 0.2	47.7	1.49	< 0.01	3.00	< 1	1.2	< 0.005	< 0.005	< 0.005	< 50	< 0.05	< 0.005	< 0.05
M-178 found			< 1	< 2	< 1	30.2	< 0.05	< 0.2	47.9	1.50	< 0.01	2.91	< 1	1.1	< 0.005	< 0.005	< 0.005	< 50	< 0.05	< 0.005	< 0.05
M-178 average									47.4												
M-178 true									53												
Percent recovery									89.2%												
High Purity sol A&B found			19.5	19.7	18.5	17.8	19.7	18.8	< 0.2	18.9	18.3	17.8	17.8	19.6	18.4	18.4	18.1	< 50	19.3	18.7	19.3
High Purity sol A&B found			19.5	19.7	18.5	17.8	19.7	18.8	< 0.2	18.9	18.3	17.8	17.8	19.6	18.4	18.4	18.1	< 50	19.3	18.7	19.3
High Purity sol A&B found			19.5	19.7	18.5	17.8	19.7	18.8	< 0.2	18.9	18.3	17.8	17.8	19.6	18.4	18.4	18.1	< 50	19.3	18.7	19.3
High Purity sol A&B average			19.5	19.7	18.5	17.8	19.7	18.8		18.9	18.3	17.8	17.8	19.6	18.4	18.4	18.1		19.3	18.7	19.3
High Purity sol A & B true			20	20.0	20.0	20.0	20.0	20.0	0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0		20.0	20.0	20.0
Percent recovery			97.5%	98.5%	92.5%	89.0%	98.5%	94.0%		94.5%	91.5%	89.0%	89.0%	98.0%	92.0%	92.0%	90.5%		96.5%	93.5%	96.5%
<b>Measure of precision</b>																					
C-308479			< 1	< 2	29.4	29.9	< 0.05	< 0.2	20.6	0.18	< 0.01	5.85	25.8	4.2	< 0.005	< 0.005	< 0.005	< 50	< 0.05	< 0.005	0.1
C-308479 duplicate			< 1	< 2	29.3	29.6	< 0.05	< 0.2	19.6	0.16	< 0.01	5.70	24.3	4.2	< 0.005	< 0.005	< 0.005	< 50	< 0.05	< 0.005	0.1
					99.66%	99.00%			95.15%	88.89%		97.44%	94.19%	100.00%							100.00%

**Table 2.** Chemical analyses (including precision and accuracy) of water samples collected from lysimeters at the Manning Canyon repository, Mercur Mining District, Utah.—Continued

[All samples analyzed by method ICP–MS, inductively coupled plasma mass spectrometry, except as indicated for sodium (Na); µg/L, micrograms per liter; mg/L, milligrams per liter; AES, sodium analyzed by method ICP–AES, inductively coupled plasma–atomic-emission spectrometry, Na values from ICP–AES samples diluted and run; MS, sodium analyzed by method ICP–MS, inductively coupled plasma mass spectrometry; <, less than; D.I., deionized water added to lysimeter; nr, sodium values not reported because out of ICP–MS method range; asterisk (at Field Sample number P1L3Z05) indicates uncertainty of depth of lysimeter sampling zone due to tubing problems at and near that location]

Laboratory sample number	Field sample number	Holmium (Ho) µg/L	Potassium (K) mg/L	Lanthanum (La) µg/L	Lithium (Li) µg/L	Lutetium (Lu) µg/L	Magnesium (Mg) mg/L	Manganese (Mn) µg/L	Molybdenum (Mo) µg/L	Sodium (Na) mg/L, MS	Sodium (Na) mg/L, AES	Niobium (Nb) µg/L	Neodymium (Nd) µg/L	Nickel (Ni) µg/L	Phosphorus (P) mg/L	Lead (Pb) µg/L	Praseodymium (Pr) µg/L	Rubidium (Rb) µg/L	Antimony (Sb) µg/L
C-308476	P1L1Z05	< 0.005	1.06	< 0.01	58	< 0.1	17.5	0.3	31.3	nr	128	< 0.2	< 0.01	1.6	0.03	0.06	< 0.01	0.19	0.38
C-308477	P1L1Z10	< 0.005	4.02	0.03	162	< 0.1	30.1	0.8	184	nr	578	< 0.2	0.03	3.1	0.1	0.3	< 0.01	0.89	0.7
C-308478	P1L1Z15	< 0.005	0.81	< 0.01	49.3	< 0.1	12	<0.2	32.9	nr	132	0.2	< 0.01	1	0.04	<0.05	< 0.01	0.16	0.99
C-308479	P1L2Z05	< 0.005	6.75	< 0.01	255	< 0.1	25.6	0.2	104	nr	616	< 0.2	< 0.01	2.2	0.07	0.05	< 0.01	2.16	1.11
C-308480	P1L3Z05	< 0.005	4.1	< 0.01	134	< 0.1	26.6	0.7	234	nr	< 1	< 0.2	< 0.01	3.4	0.03	<0.05	< 0.01	1.55	1.84
C-308481	P1L3Z05 *	< 0.005	5.96	< 0.01	146	< 0.1	118	2.3	115	nr	632	< 0.2	< 0.01	16.1	< 0.01	<0.05	< 0.01	1.58	0.32
C-308482	P1L3Z10	< 0.005	5.78	< 0.01	155	< 0.1	139	3.2	122	nr	609	< 0.2	< 0.01	12.3	0.06	<0.05	< 0.01	1.37	0.7
C-308483	P1L3Z15	< 0.005	0.64	0.02	16.5	< 0.1	0.5	0.2	73.3	nr	117	< 0.2	0.01	0.6	0.07	0.05	< 0.01	0.52	1.54
C-308484	P1L4Z05	< 0.005	5.7	< 0.01	191	< 0.1	21.5	2.3	38.6	nr	552	< 0.2	< 0.01	2.3	0.04	<0.05	< 0.01	1.63	1.51
C-308485	P1L4Z10	< 0.005	16.6	< 0.01	397	< 0.1	178	9.6	65.4	nr	1330	< 0.2	0.01	7.2	0.1	0.3	< 0.01	6.13	1.45
C-308486	P1L4Z15	< 0.005	2.56	0.01	74.4	< 0.1	15.5	4.5	17	nr	228	< 0.2	0.01	1.4	0.01	<0.05	< 0.01	1.27	0.36
C-308487	P2L3Z10	< 0.005	13.3	0.04	139	< 0.1	22.8	6.7	16.4	nr	387	0.26	0.05	4.1	0.09	0.2	0.01	5.1	4.43
C-308488	P2L3Z15	< 0.005	13.2	0.03	118	< 0.1	38.8	1	11.8	55.8	81.7	< 0.2	0.04	1.8	0.08	0.2	< 0.01	2.87	1.54
C-308489	P2L4Z05	0.006	15.8	0.08	232	< 0.1	34.8	0.5	24.7	nr	469	< 0.2	0.08	2.1	0.2	0.1	0.02	3.68	0.35
C-308490	P2L4Z10	0.005	14.4	0.08	120	< 0.1	37.9	0.5	8.1	47.1	69.9	< 0.2	0.07	1	0.1	0.4	0.01	3.1	<0.3
C-308491	P2L4Z15	< 0.005	0.1	< 0.01	< 0.1	< 0.1	0.1	2.7	< 2	0.44	< 1	< 0.2	< 0.01	<0.4	< 0.01	<0.05	< 0.01	0.24	<0.3
C-308492	FB01	< 0.005	<0.03	< 0.01	< 0.1	< 0.1	<0.01	<0.2	< 2	<0.01	< 1	< 0.2	< 0.01	<0.4	< 0.01	<0.05	< 0.01	< 0.01	<0.3
<b>Measure of accuracy using Standard Reference Solution</b>																			
T-131 found		< 0.005	2.27	0.02	16.1	< 0.1	7.66	34.1	110	20.7		< 0.2	< 0.01	55.3	< 0.01	17.3	< 0.01	10.8	57.4
T-131 found		< 0.005	2.27	0.02	16.1	< 0.1	7.66	34.1	110	20.7		< 0.2	< 0.01	55.3	< 0.01	17.3	< 0.01	10.8	57.4
T-131 found		< 0.005	2.27	0.02	16.1	< 0.1	7.66	34.1	110	20.7		< 0.2	< 0.01	55.3	< 0.01	17.3	< 0.01	10.8	57.4
T-131 average			2.3	0.0	16.1		7.7	34.1	110	20.7				55.3		17.3		10.8	57.4
T-131 true			2.4		17.0		8	37.8	112.0	21				56.3		18.1			56.2
Percent recovery			95.0%		94.7%		95.8%	90.2%	98.2%	96.7%				98.2%		95.6%			102.1%
M-178 found		< 0.005	5.58	< 0.01	6.4	< 0.1	15.2	943	< 2	33.3		< 0.2	< 0.01	12.2	0.04	< 0.05	< 0.01	5.03	< 0.3
M-178 found		< 0.005	5.80	< 0.01	7.5	< 0.1	16.5	970	< 2	36.7		< 0.2	< 0.01	12.4	0.05	< 0.05	< 0.01	5.07	< 0.3
M-178 found		< 0.005	5.63	< 0.01	6.4	< 0.1	15.6	938	< 2	34.4		< 0.2	< 0.01	12.2	0.04	< 0.05	< 0.01	4.88	0.49
M-178 average			5.7				15.8			34.8									
M-178 true			6.3				18.40			39.90									
Percent recovery			90.0%				85.7%			87.2%									
High Purity sol A&B found		18.4	< 0.03	17.1	20.8	18.7	0.02	17.7	18.4	< 0.01		18.0	18.3	19.0	0.02	19.2	17.0	17.8	14.9
High Purity sol A&B found		18.4	< 0.03	17.1	20.8	18.7	0.02	17.7	18.4	< 0.01		18.0	18.3	19.0	0.02	19.2	17.0	17.8	14.9
High Purity sol A&B found		18.4	< 0.03	17.1	20.8	18.7	0.02	17.7	18.4	< 0.01		18.0	18.3	19.0	0.02	19.2	17.0	17.8	14.9
High Purity sol A&B average		18.4		17.1	20.8	18.7	0.0	17.7	18.4			18.0	18.3	19.0		19.2	17.0	17.8	14.9
High Purity sol A & B true		20.0		20.0	20.0	20.0		20.0	20.0			20.0	20.0	20.0		20.0	20.0	20.0	20.0
Percent recovery		92.0%		85.5%	104.0%	93.5%		88.5%	92.0%			90.0%	91.5%	95.0%		96.0%	85.0%	89.0%	74.5%
<b>Measure of precision</b>																			
C-308479		< 0.005	6.75	< 0.01	255	< 0.1	25.6	0.2	104	-		< 0.2	< 0.01	2.2	0.07	0.05	< 0.01	2.16	1.11
C-308479 duplicate		< 0.005	6.40	< 0.01	245	< 0.1	23.4	0.2	104	-		< 0.2	< 0.01	2.2	0.06	0.05	< 0.01	2.21	1.07
			94.81%		96.08%		91.41%	100.00%	100.00%					100.00%	85.71%	100.00%		102.31%	96.40%

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Laboratory sample number	Field sample number	Scandium (Sc) µg/L	Selenium (Se) µg/L	Silicon dioxide (SiO <sub>2</sub> ) mg/L	Samarium (Sm) µg/L	Sulfate (SO <sub>4</sub> ) mg/L	Strontium (Sr) µg/L	Tantalum (Ta) µg/L	Terbium (Tb) µg/L	Thorium (Th) µg/L	Titanium (Ti) µg/L	Thallium (Tl) µg/L	Thulium (Tm) µg/L	Uranium (U) µg/L	Vanadium (V) µg/L	Yttrium (Y) µg/L	Ytterbium (Yb) µg/L	Zinc (Zn) µg/L	Zirconium (Zr) µg/L
C-308476	P1L1Z05	6.1	1.2	53.9	0.06	64	227	0.03	< 0.005	< 0.2	1.3	<0.1	< 0.005	6.24	39.6	< 0.01	< 0.005	1.5	0.5
C-308477	P1L1Z10	10.3	15.4	94.7	< 0.01	839	344	0.04	< 0.005	< 0.2	14.8	<0.1	< 0.005	28.8	70.3	0.05	< 0.005	14.8	0.4
C-308478	P1L1Z15	5.3	2.1	44.4	< 0.01	57	227	0.1	< 0.005	< 0.2	1.1	<0.1	< 0.005	6.87	31.7	0.01	< 0.005	1.2	0.66
C-308479	P1L2Z05	7.4	15.5	64.6	0.05	503	439	0.08	< 0.005	< 0.2	7.5	<0.1	< 0.005	90.6	48.6	0.02	< 0.005	2	0.4
C-308480	P1L3Z05	5.9	41	55.9	0.04	1360	933	0.07	< 0.005	< 0.2	18.8	<0.1	< 0.005	102	54.8	0.03	< 0.005	4.7	10.5
C-308481	P1L3Z05 *	6.2	43.1	51.1	0.03	2060	5180	0.03	< 0.005	< 0.2	32.1	0.1	< 0.005	6.18	86.2	0.05	< 0.005	4.2	0.3
C-308482	P1L3Z10	7.3	40.7	62.1	< 0.01	2080	4960	0.06	< 0.005	< 0.2	31.7	<0.1	< 0.005	7.89	89.6	0.04	0.005	7.2	0.3
C-308483	P1L3Z15	1.3	7.9	11.5	< 0.01	73	20.3	0.02	< 0.005	< 0.2	2.5	<0.1	< 0.005	53.4	13.9	0.01	< 0.005	5.1	0.2
C-308484	P1L4Z05	5.2	8	46.8	0.03	364	524	0.03	< 0.005	< 0.2	6.2	<0.1	< 0.005	40.2	36.2	0.04	< 0.005	2.1	0.3
C-308485	P1L4Z10	9.6	20.5	89.1	0.17	1150	1910	0.08	< 0.005	< 0.2	17.9	0.4	< 0.005	213	149	0.05	0.005	9.8	0.4
C-308486	P1L4Z15	1.9	5.7	18.4	< 0.01	152	230	< 0.02	< 0.005	< 0.2	2.6	<0.1	< 0.005	26.6	37.9	0.04	< 0.005	1.6	< 0.2
C-308487	P2L3Z10	3.8	4.1	33.5	0.03	514	1160	< 0.02	< 0.005	< 0.2	11.3	13.4	< 0.005	25	18.2	0.18	0.01	44.2	0.5
C-308488	P2L3Z15	4.6	6.7	41.4	0.04	203	2360	< 0.02	< 0.005	< 0.2	5.4	5	< 0.005	15	29.6	0.15	0.009	14.2	0.2
C-308489	P2L4Z05	4.9	11.5	45.5	0.03	841	2580	< 0.02	< 0.005	< 0.2	14	0.1	< 0.005	25.6	28.2	0.23	0.02	3.7	0.3
C-308490	P2L4Z10	5	11.7	43.9	0.04	373	3370	< 0.02	< 0.005	< 0.2	7	<0.1	< 0.005	8.44	24	0.19	0.01	10.5	0.2
C-308491	P2L4Z15	< 0.6	< 1	0.3	< 0.01	< 2	35	< 0.02	< 0.005	< 0.2	< 0.5	<0.1	< 0.005	< 0.1	5.6	< 0.01	< 0.005	2.6	< 0.2
C-308492	FB01	< 0.6	< 1	< 0.2	< 0.01	< 2	< 0.5	< 0.02	< 0.005	< 0.2	< 0.5	<0.1	< 0.005	< 0.1	<0.5	< 0.01	< 0.005	<0.5	< 0.2
<b>Measure of accuracy using Standard Reference Solution</b>																			
T-131 found		0.8	11.3	6.0	< 0.01	< 2	285	0.06	< 0.005	< 0.2	< 0.5	6.6	< 0.005	< 0.1	31.6	0.02	< 0.005	71.6	< 0.2
T-131 found		0.8	11.3	6.0	< 0.01	< 2	285	0.06	< 0.005	< 0.2	< 0.5	6.6	< 0.005	< 0.1	31.6	0.02	< 0.005	71.6	< 0.2
T-131 found		0.8	11.3	6.0	< 0.01	< 2	285	0.06	< 0.005	< 0.2	< 0.5	6.6	< 0.005	< 0.1	31.6	0.02	< 0.005	71.6	< 0.2
T-131 average		0.8	11.3	6.0			285.0					6.6			31.6	0.0		71.6	
T-131 true			11.2	5.80			295.0								34			72.0	
Percent recovery			100.9%	103.4%			96.6%								92.4%			99.4%	
M-178 found		1.4	< 1	11.8	< 0.01	153	376	< 0.02	< 0.005	< 0.2	2.2	< 0.1	< 0.005	0.22	2.4	0.02	< 0.005	425	< 0.2
M-178 found		1.5	< 1	12.2	< 0.01	155	375	< 0.02	< 0.005	< 0.2	2.0	< 0.1	< 0.005	0.21	2.4	0.02	< 0.005	430	< 0.2
M-178 found		1.5	< 1	12.3	< 0.01	158	371	0.03	< 0.005	< 0.2	2.4	< 0.1	< 0.005	0.21	2.3	0.02	< 0.005	421	< 0.2
M-178 average				12.1		155.3	374.0							2.4					
M-178 true				14.10		178	391.0							3					
Percent recovery				85.8%		87.3%	95.7%							78.6%					
High Purity sol A&B found		17.8	18.3	< 0.2	18.4	< 2	17.6	16.2	18.3	18.5	18.6	17.7	18.0	18.0	17.2	17.6	18.9	22.5	16.6
High Purity sol A&B found		17.8	18.3	< 0.2	18.4	< 2	17.6	16.2	18.3	18.5	18.6	17.7	18.0	18.0	17.2	17.6	18.9	22.5	16.6
High Purity sol A&B found		17.8	18.3	< 0.2	18.4	< 2	17.6	16.2	18.3	18.5	18.6	17.7	18.0	18.0	17.2	17.6	18.9	22.5	16.6
High Purity sol A&B average		17.8	18.3		18.4		17.6	16.2	18.3	18.5	18.6	17.7	18.0	18.0	17.2	17.6	18.9	22.5	16.6
High Purity sol A & B true		20.0	20.0		20.0	0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.00
Percent recovery		89.0%	91.5%		92.0%	0.0%	88.0%	81.0%	91.5%	92.5%	93.0%	88.5%	90.0%	90.0%	86.0%	88.0%	94.5%	112.5%	83.0%
<b>Measure of precision</b>																			
C-308479		7.4	15.5	64.6	0.05	503	439	0.08	< 0.005	< 0.2	7.5	< 0.1	< 0.005	90.6	48.6	0.02	< 0.005	2.0	0.4
C-308479 duplicate		6.5	15.6	60.5	0.05	480	437	0.07	< 0.005	< 0.2	6.7	< 0.1	< 0.005	93.0	46.5	0.02	< 0.005	2.1	0.3
		87.84%	100.65%	93.65%	100.00%	95.43%	99.54%	87.50%			89.33%			102.65%	95.68%	100.00%		105.00%	75.00%