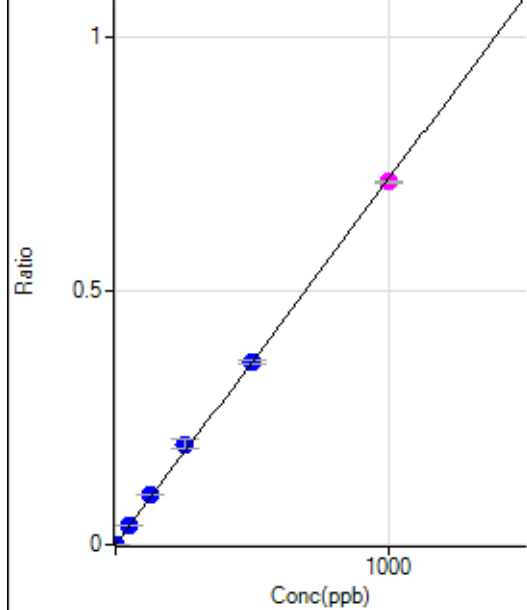


Batch Folder: D:\P8122217MS .b\
Analysis File: P8122217MS .batch.bin
DA Date-Time: 2017-12-22 16:42:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P8122217MS.D	S00	2017-12-22 12:42:51
2			
3	006CALS P8122217MS.D	S02	2017-12-22 12:49:49
4	007CALS P8122217MS.D	S03	2017-12-22 12:53:17
5	008CALS P8122217MS.D	S04	2017-12-22 12:56:45
6	009CALS P8122217MS.D	S05	2017-12-22 13:00:07
7	010CALS P8122217MS.D	S06	2017-12-22 13:03:24
8	011CALS P8122217MS.D	S07	2017-12-22 13:06:39
9	012CALS P8122217MS.D	S08	2017-12-22 13:09:49

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0001	P	70.1
2	☐	0.100					
3	☐	1.000	1.010	1100.07	0.0008	P	3.7
4	☐	50.000	54.194	54934.58	0.0390	P	1.3
5	☐	125.000	134.967	138612.84	0.0971	P	1.2
6	☐	250.000	275.720	270695.23	0.1983	P	9.6
7	☐	500.000	499.478	511764.99	0.3591	P	1.7
8	☐	1000.000	992.375	980391.86	0.7135	M	0.6
9	☐			768.56	0.0006	P	5.3

$$y = 7.1890\text{E-}004 * x + 5.8594\text{E-}005$$

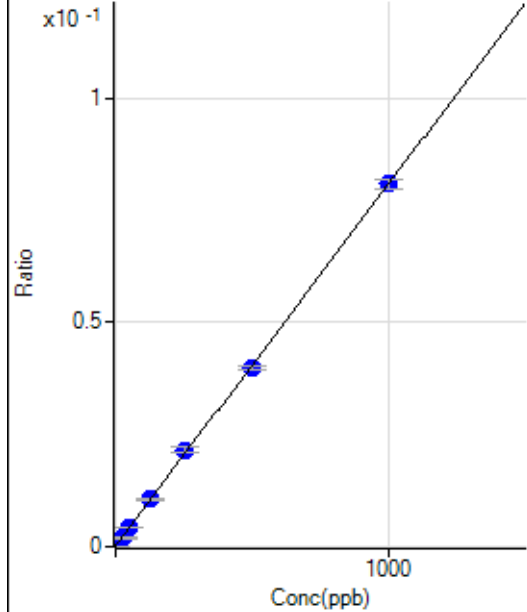
$$R = 0.9996$$

$$DL = 0.1714$$

$$BEC = 0.08151$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0002	P	5.5
2	☐	2.500					
3	☐	25.000	22.806	2792.07	0.0020	P	7.2
4	☐	50.000	51.351	6048.75	0.0043	P	8.5
5	☐	125.000	129.540	15153.05	0.0106	P	4.7
6	☐	250.000	265.673	29550.79	0.0216	P	6.9
7	☐	500.000	490.446	56665.47	0.0398	P	1.8
8	☐	1000.000	1000.279	111195.20	0.0809	P	2.7
9	☐			5843.10	0.0044	P	9.8

$$y = 8.0769\text{E-}005 * x + 1.5066\text{E-}004$$

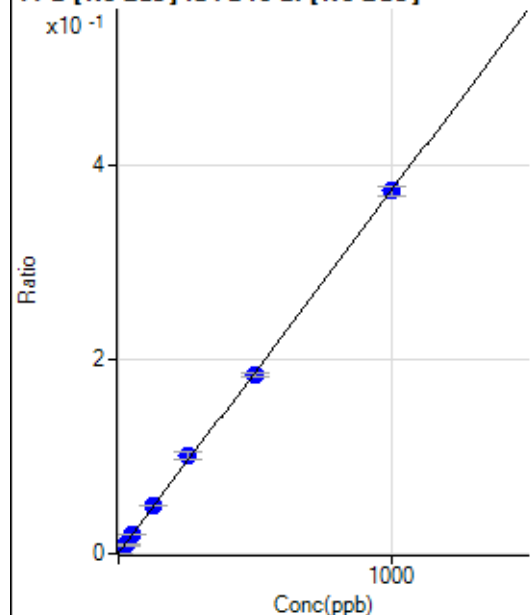
$$R = 0.9998$$

$$DL = 0.3087$$

$$BEC = 1.865$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	938.97	0.0007	P	10.3
2	☐	2.500					
3	☐	25.000	22.326	12672.72	0.0090	P	3.5
4	☐	50.000	51.250	27933.71	0.0198	P	2.9
5	☐	125.000	129.240	69909.59	0.0490	P	0.8
6	☐	250.000	267.339	137430.84	0.1005	P	7.2
7	☐	500.000	491.247	262356.67	0.1841	P	2.6
8	☐	1000.000	999.516	513635.91	0.3739	P	2.5
9	☐			25932.79	0.0197	P	5.8

$$y = 3.7336E-004 * x + 7.0738E-004$$

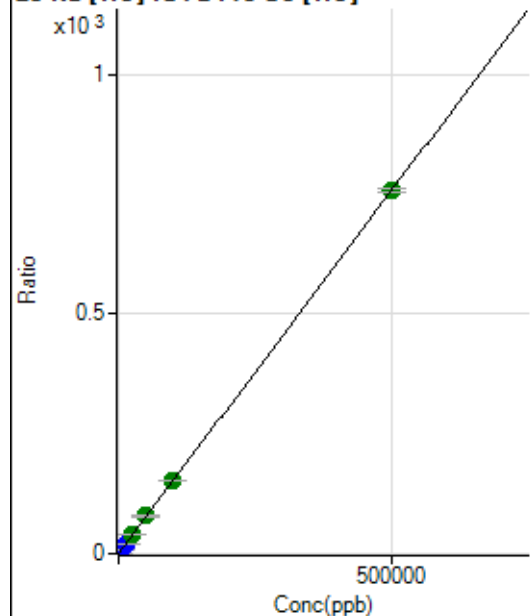
$$R = 0.9998$$

$$DL = 0.5841$$

$$BEC = 1.895$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17021.88	0.4191	P	1.0
2	☐	50.000					
3	☐	500.000	465.363	47053.74	1.1235	P	1.2
4	☐	5000.000	5084.665	335295.18	8.1162	P	0.7
5	☐	12500.000	13012.720	795618.49	20.1176	P	0.5
6	☐	25000.000	25970.317	1532065.36	39.7326	A	1.3
7	☐	50000.000	52327.581	2736329.27	79.6319	A	4.7
8	☐	100000.00	100340.23	5116615.57	152.3129	A	0.7
9	☐	500000.00	499637.05	25585660.12	756.7635	A	1.2

$$y = 0.0015 * x + 0.4191$$

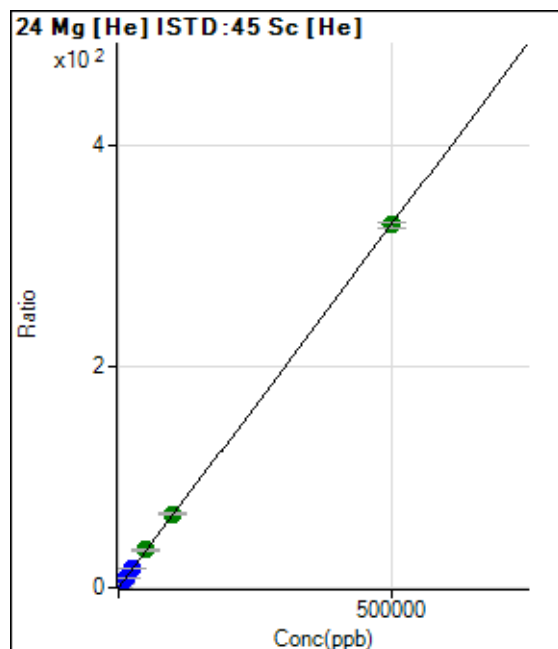
$$R = 1.0000$$

$$DL = 8.069$$

$$BEC = 276.8$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	463.92	0.0114	P	18.8
2	☐	50.000					
3	☐	500.000	459.545	13106.54	0.3130	P	2.1
4	☐	5000.000	5089.956	138465.51	3.3517	P	0.7
5	☐	12500.000	12957.837	336748.92	8.5151	P	1.2
6	☐	25000.000	25497.102	645641.25	16.7441	P	0.7
7	☐	50000.000	52555.662	1185737.10	34.5014	A	4.2
8	☐	100000.00	101512.64	2238270.88	66.6298	A	0.8
9	☐	500000.00	499404.74	11080697.47	327.7493	A	1.6

$$y = 6.5626\text{E-}004 * x + 0.0114$$

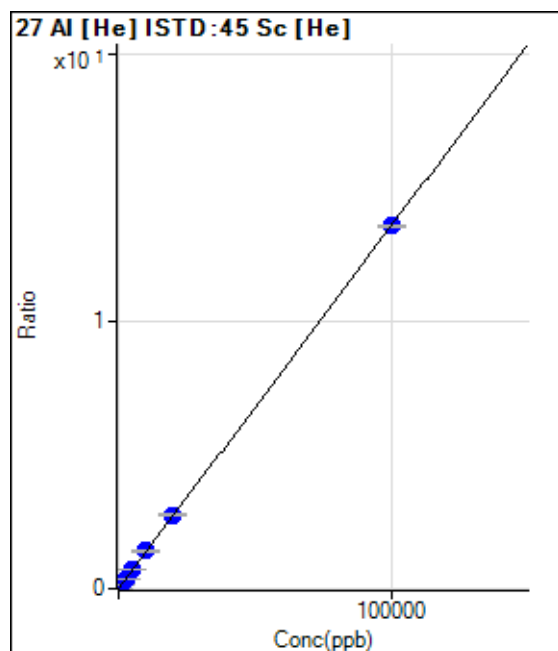
R = 1.0000

DL = 9.836

BEC = 17.39

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0003	P	44.0
2	☐	2.000					
3	☐	20.000	24.371	150.01	0.0036	P	15.4
4	☐	1000.000	1055.196	5934.82	0.1436	P	2.8
5	☐	2500.000	2552.922	13726.57	0.3471	P	1.3
6	☐	5000.000	5131.461	26890.34	0.6974	P	0.6
7	☐	10000.000	10340.981	48313.81	1.4051	P	2.8
8	☐	20000.000	20214.923	92257.34	2.7464	P	2.1
9	☐	100000.00	99914.468	458950.97	13.5734	P	0.2

$$y = 1.3585\text{E-}004 * x + 2.7398\text{E-}004$$

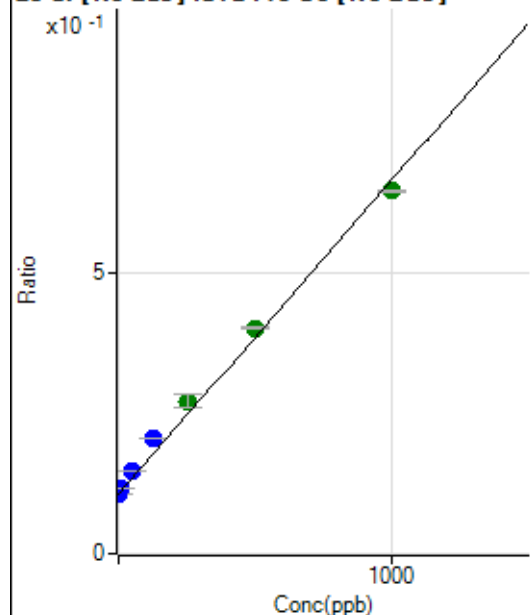
R = 1.0000

DL = 2.661

BEC = 2.017

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	469606.91	0.1067	P	1.5
2	☐	1.000					
3	☐	10.000	16.388	530305.64	0.1158	P	0.5
4	☐	50.000	71.581	667888.81	0.1467	P	0.9
5	☐	125.000	179.074	941336.37	0.2069	P	0.2
6	☐	250.000	296.369	1176440.18	0.2726	A	9.5
7	☐	500.000	528.790	1822078.08	0.4026	A	0.6
8	☐	1000.000	966.110	2813298.48	0.6474	A	0.4
9	☐			775465.38	0.1810	P	2.4

$$y = 5.5969\text{E-}004 * x + 0.1067$$

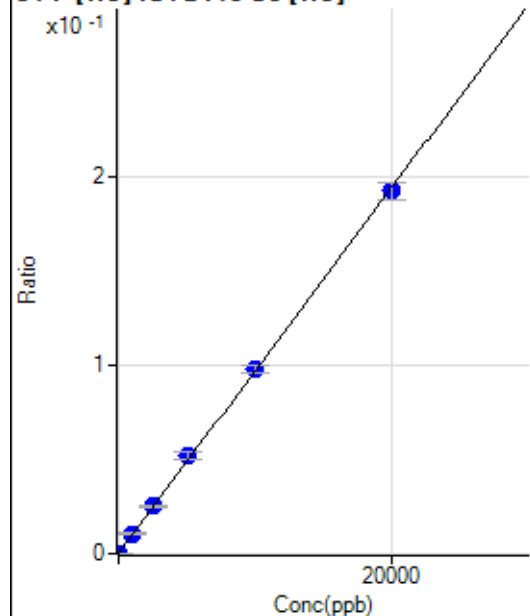
$$R = 0.9973$$

$$DL = 8.533$$

$$BEC = 190.6$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD :45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-3.304	2.78	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	3.304	5.55	0.0001	P	86.6
4	☐	1000.000	1089.293	441.70	0.0107	P	12.9
5	☐	2500.000	2571.902	991.75	0.0251	P	7.3
6	☐	5000.000	5368.728	2014.14	0.0522	P	7.4
7	☐	10000.000	10108.961	3378.34	0.0983	P	3.5
8	☐	20000.000	19839.885	6476.74	0.1928	P	4.8
9	☐			2.78	0.0001	P	173.

$$y = 9.7112\text{E-}006 * x + 1.0042\text{E-}004$$

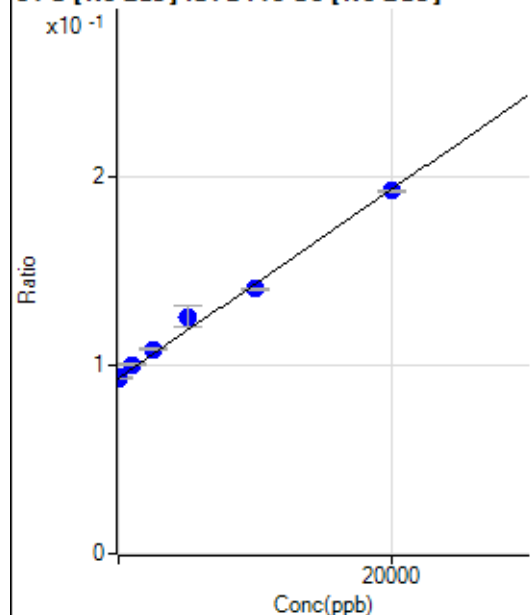
$$R = 0.9998$$

$$DL = 36.01$$

$$BEC = 10.34$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	86.192	411899.53	0.0936	P	1.0
2	☐	0.000					
3	☐	0.000	-86.192	424346.33	0.0927	P	0.5
4	☐	1000.000	1441.381	456689.06	0.1003	P	1.2
5	☐	2500.000	3014.566	492298.62	0.1082	P	0.8
6	☐	5000.000	6518.612	542681.97	0.1257	P	9.5
7	☐	10000.000	9418.527	634557.28	0.1402	P	0.3
8	☐	20000.000	19824.693	835430.16	0.1923	P	0.8
9	☐			375231.73	0.0876	P	0.6

$$y = 5.0000\text{E-}006 * x + 0.0931$$

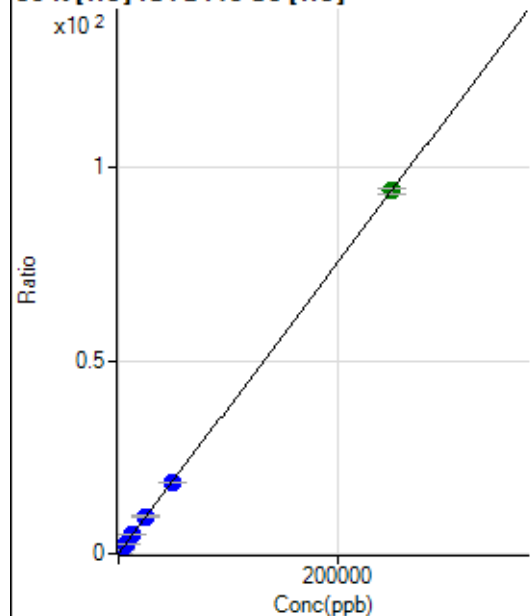
$$R = 0.9960$$

$$DL = 427.8$$

$$BEC = 1.863\text{E}+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2653.16	0.0653	P	6.7
2	☐	50.000					
3	☐	500.000	452.460	9848.35	0.2352	P	0.5
4	☐	2500.000	2559.147	42389.78	1.0260	P	1.2
5	☐	6250.000	6544.316	99746.25	2.5221	P	0.6
6	☐	12500.000	12688.515	186191.25	4.8287	P	0.5
7	☐	25000.000	25660.684	333289.06	9.6985	P	4.7
8	☐	50000.000	49170.387	622300.53	18.5242	P	0.6
9	☐	250000.00	250082.57	3176173.75	93.9478	A	1.7

$$y = 3.7541\text{E-}004 * x + 0.0653$$

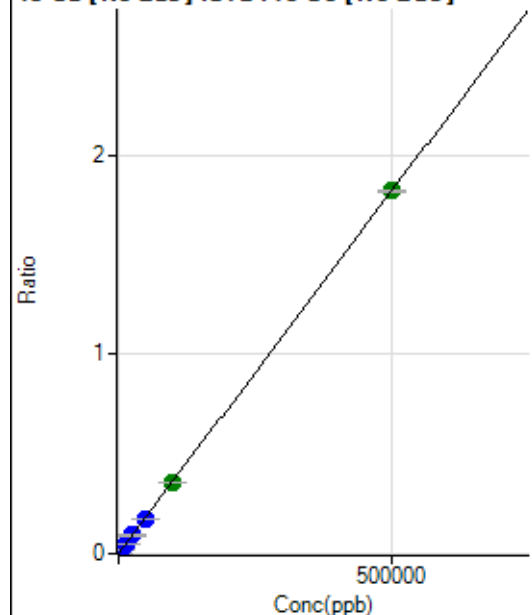
$$R = 1.0000$$

$$DL = 35$$

$$BEC = 174$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1325.13	0.0003	P	8.5
2	☐	50.000					
3	☐	500.000	427.610	8489.07	0.0019	P	2.8
4	☐	5000.000	4834.293	81313.76	0.0179	P	1.4
5	☐	12500.000	12302.165	204712.57	0.0450	P	0.7
6	☐	25000.000	25953.307	408155.67	0.0946	P	10.0
7	☐	50000.000	48056.398	791428.36	0.1749	P	0.6
8	☐	100000.00	98291.231	1553134.42	0.3574	A	0.3
9	☐	500000.00	500495.12	7791569.62	1.8186	A	0.8

$$y = 3.6330E-006 * x + 3.0107E-004$$

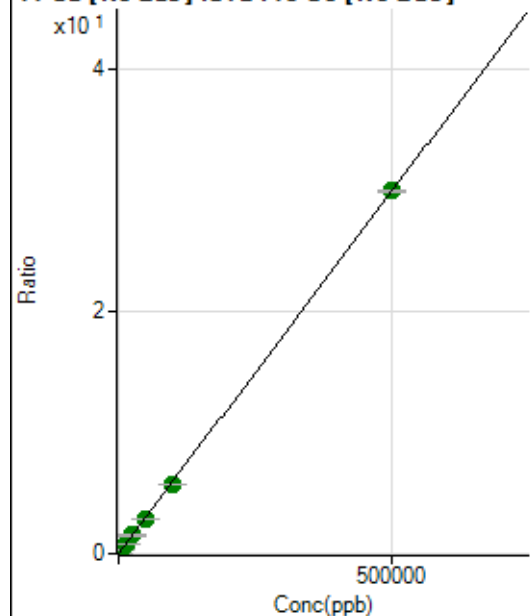
$$R = 1.0000$$

$$DL = 21.03$$

$$BEC = 82.87$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24358.19	0.0055	P	0.9
2	☐	50.000					
3	☐	500.000	426.448	141861.42	0.0310	P	1.0
4	☐	5000.000	4847.119	1342280.23	0.2949	A	1.0
5	☐	12500.000	12345.871	3378501.49	0.7426	A	0.6
6	☐	25000.000	25808.129	6672983.88	1.5463	A	9.9
7	☐	50000.000	47630.947	12892984.75	2.8491	A	0.4
8	☐	100000.00	96273.220	25000429.20	5.7530	A	0.1
9	☐	500000.00	500947.31	128155558.4	29.9119	A	0.3

$$y = 5.9700E-005 * x + 0.0055$$

$$R = 1.0000$$

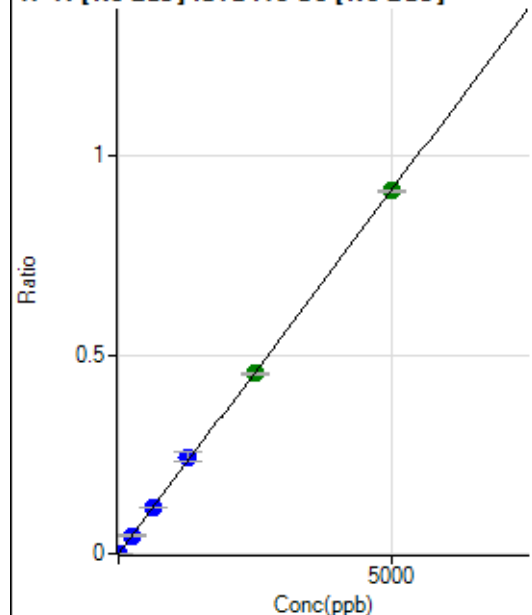
$$DL = 2.54$$

$$BEC = 92.66$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	6.0
2	☐	0.500					
3	☐	5.000	4.538	3961.86	0.0009	P	5.1
4	☐	250.000	250.670	208732.54	0.0459	P	1.7
5	☐	625.000	633.052	526683.11	0.1158	P	0.6
6	☐	1250.000	1332.197	1051059.36	0.2436	P	10.0
7	☐	2500.000	2475.051	2047722.92	0.4525	A	0.5
8	☐	5000.000	4990.886	3965056.69	0.9124	A	0.4
9	☐			750.05	0.0002	P	8.2

$$y = 1.8281E-004 * x + 3.5976E-005$$

$$R = 0.9998$$

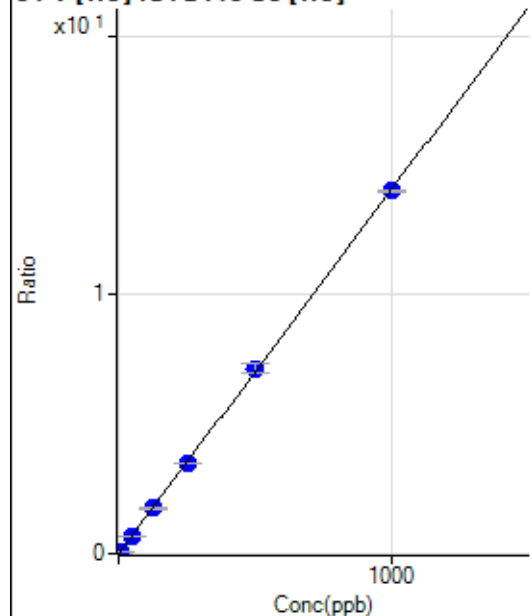
$$DL = 0.03516$$

$$BEC = 0.1968$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0001	P	100.
2	☐	0.500					
3	☐	5.000	4.370	2579.17	0.0616	P	0.9
4	☐	50.000	48.745	28346.74	0.6862	P	1.9
5	☐	125.000	124.443	69273.76	1.7517	P	1.1
6	☐	250.000	247.056	134090.97	3.4775	P	0.4
7	☐	500.000	508.981	246170.63	7.1642	P	4.8
8	☐	1000.000	996.381	471124.26	14.0246	P	0.6
9	☐			91.11	0.0027	P	19.5

$$y = 0.0141 * x + 8.2262E-005$$

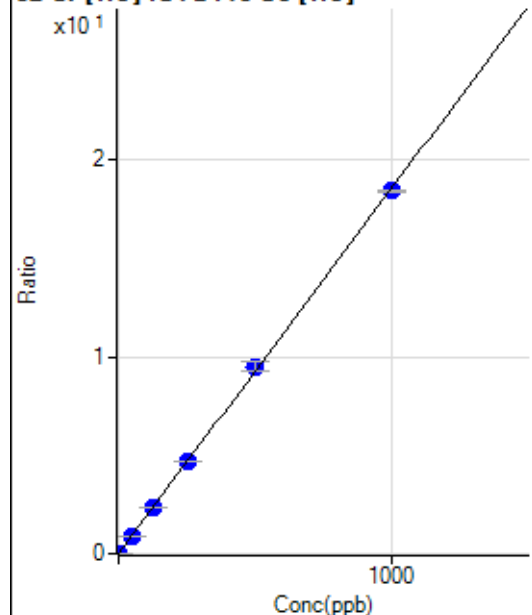
$$R = 0.9999$$

$$DL = 0.01762$$

$$BEC = 0.005844$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.12	0.0072	P	10.4
2	☐	0.200					
3	☐	2.000	1.877	1759.03	0.0420	P	0.8
4	☐	50.000	48.957	37824.45	0.9156	P	1.3
5	☐	125.000	126.732	93284.73	2.3588	P	1.3
6	☐	250.000	250.462	179485.23	4.6548	P	0.3
7	☐	500.000	512.383	326948.09	9.5150	P	4.7
8	☐	1000.000	993.529	619557.31	18.4432	P	0.7
9	☐			5836.87	0.1727	P	2.5

$$y = 0.0186 * x + 0.0072$$

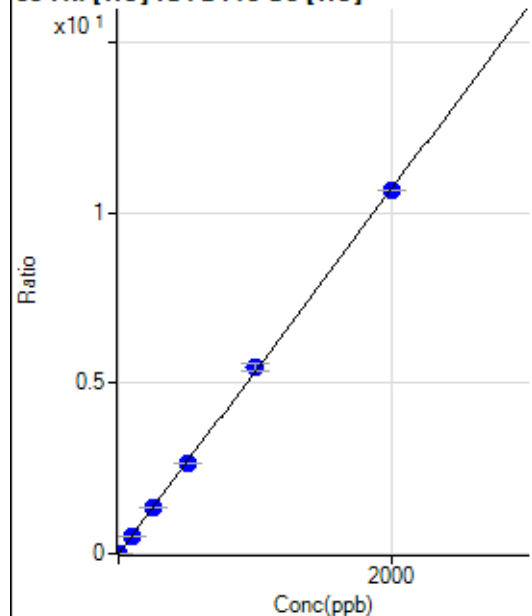
$$R = 0.9999$$

$$DL = 0.1203$$

$$BEC = 0.3864$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0005	P	67.6
2	☐	0.100					
3	☐	1.000	1.093	267.79	0.0064	P	9.9
4	☐	100.000	99.444	22002.03	0.5326	P	0.2
5	☐	250.000	252.977	53546.77	1.3539	P	0.4
6	☐	500.000	499.129	102986.12	2.6708	P	0.3
7	☐	1000.000	1019.912	187551.56	5.4570	P	4.1
8	☐	2000.000	1989.917	357651.25	10.6464	P	0.1
9	☐			826.71	0.0245	P	6.8

$$y = 0.0053 * x + 5.4793E-004$$

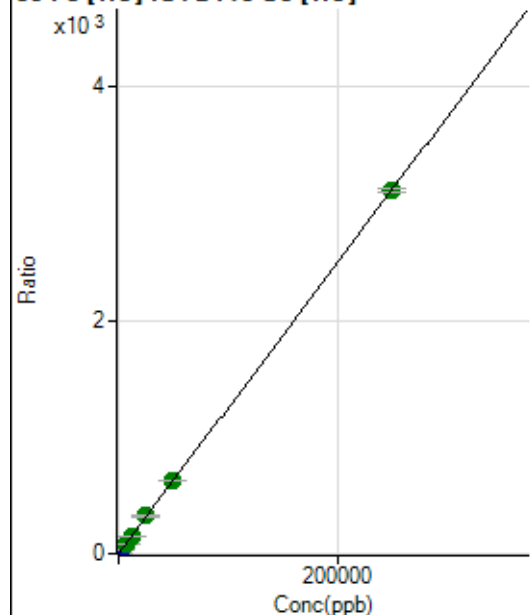
$$R = 0.9999$$

$$DL = 0.2078$$

$$BEC = 0.1024$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1329.73	0.0327	P	2.5
2	☐	5.000					
3	☐	50.000	44.941	24805.86	0.5924	P	1.9
4	☐	2500.000	2461.692	1267735.40	30.6876	P	0.8
5	☐	6250.000	6447.863	3176841.19	80.3265	A	0.7
6	☐	12500.000	12531.067	6018381.85	156.0793	A	0.5
7	☐	25000.000	25958.244	11109240.29	323.2848	A	4.6
8	☐	50000.000	50707.438	21213328.25	631.4809	A	0.5
9	☐	250000.00	249756.57	105155759.7	3,110.194	A	1.0

$$y = 0.0125 * x + 0.0327$$

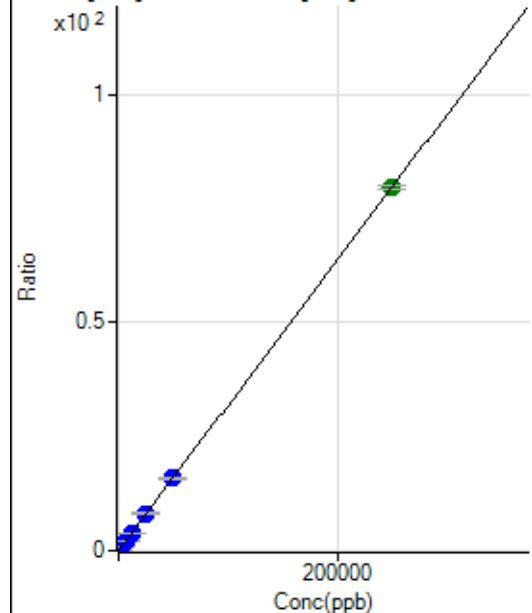
R = 1.0000

DL = 0.1944

BEC = 2.629

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.71	0.0013	P	15.4
2	☐	5.000					
3	☐	50.000	44.139	642.63	0.0154	P	20.6
4	☐	2500.000	2427.968	31955.75	0.7735	P	0.8
5	☐	6250.000	6226.544	78366.25	1.9816	P	1.9
6	☐	12500.000	12317.320	151104.32	3.9187	P	0.5
7	☐	25000.000	25595.581	279772.43	8.1417	P	4.8
8	☐	50000.000	49734.177	531400.56	15.8187	P	0.4
9	☐	250000.00	250004.04	2688420.02	79.5123	A	1.0

$$y = 3.1804\text{E-}004 * x + 0.0013$$

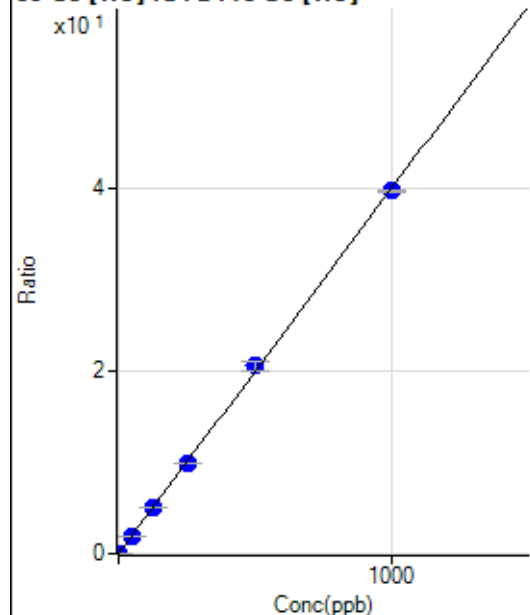
R = 1.0000

DL = 1.922

BEC = 4.156

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0015	P	18.5
2	☐	0.100					
3	☐	1.000	0.906	1580.11	0.0377	P	4.5
4	☐	50.000	48.652	80439.16	1.9472	P	1.1
5	☐	125.000	125.122	197955.98	5.0054	P	0.6
6	☐	250.000	247.814	382212.88	9.9122	P	0.8
7	☐	500.000	513.853	706102.39	20.5518	P	5.1
8	☐	1000.000	993.672	1335015.83	39.7410	P	0.5
9	☐			1525.67	0.0451	P	3.7

$$y = 0.0400 * x + 0.0015$$

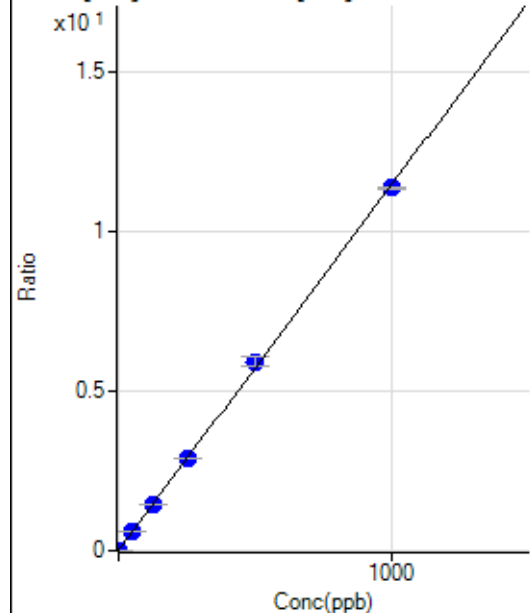
$$R = 0.9999$$

$$DL = 0.02091$$

$$BEC = 0.03759$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	401.12	0.0099	P	6.9
2	☐	0.100					
3	☐	1.000	0.848	820.04	0.0196	P	4.9
4	☐	50.000	49.579	23881.81	0.5781	P	0.2
5	☐	125.000	126.224	57598.75	1.4564	P	0.8
6	☐	250.000	251.233	111401.12	2.8891	P	0.2
7	☐	500.000	515.384	203280.05	5.9163	P	4.9
8	☐	1000.000	991.868	382184.42	11.3769	P	0.6
9	☐			2466.93	0.0730	P	4.4

$$y = 0.0115 * x + 0.0099$$

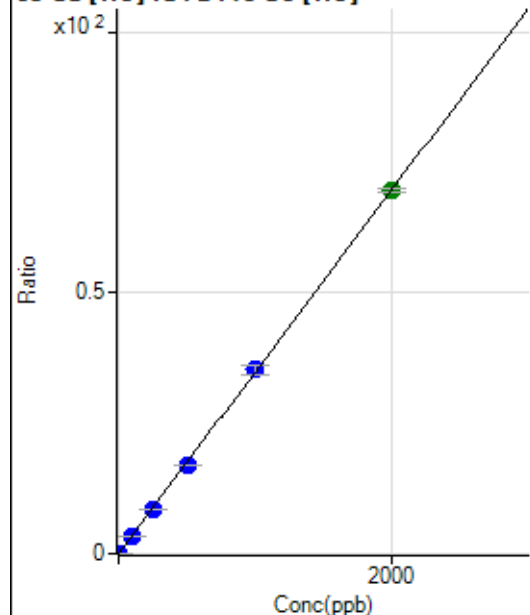
$$R = 0.9998$$

$$DL = 0.1787$$

$$BEC = 0.8615$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.78	0.0049	P	8.5
2	☐	0.200					
3	☐	2.000	1.794	2821.45	0.0674	P	2.8
4	☐	100.000	94.692	136429.19	3.3026	P	1.3
5	☐	250.000	246.695	339969.13	8.5963	P	0.6
6	☐	500.000	488.589	656305.02	17.0206	P	0.5
7	☐	1000.000	1014.340	1213909.44	35.3306	P	5.0
8	☐	2000.000	1996.361	2335693.56	69.5307	A	1.0
9	☐			2640.30	0.0781	P	3.7

$$y = 0.0348 * x + 0.0049$$

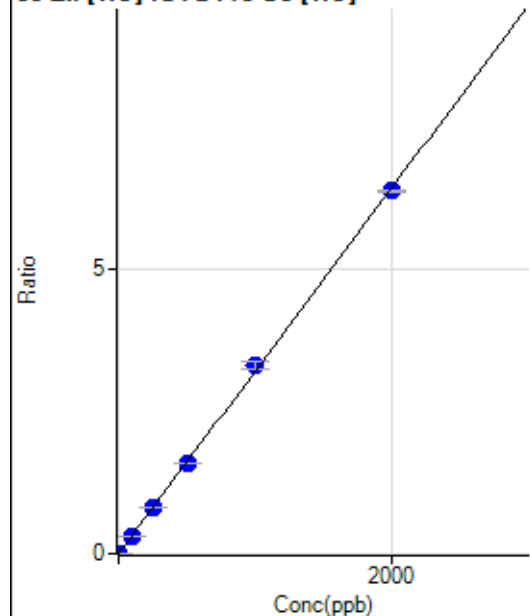
$$R = 0.9999$$

$$DL = 0.03585$$

$$BEC = 0.1399$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0003	P	42.7
2	☐	0.200					
3	☐	2.000	1.934	273.34	0.0065	P	3.0
4	☐	100.000	96.581	12803.88	0.3099	P	0.8
5	☐	250.000	251.743	31926.97	0.8073	P	1.2
6	☐	500.000	494.587	61146.34	1.5858	P	0.2
7	☐	1000.000	1030.482	113514.28	3.3036	P	4.8
8	☐	2000.000	1986.065	213884.58	6.3668	P	0.4
9	☐			505.57	0.0149	P	6.6

$$y = 0.0032 * x + 3.2777E-004$$

$$R = 0.9998$$

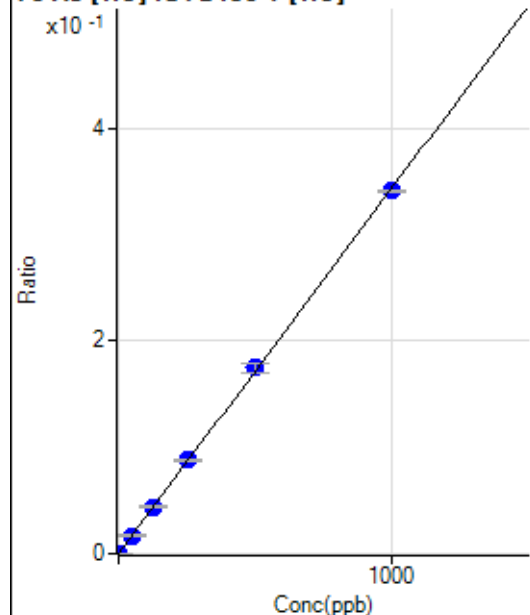
$$DL = 0.131$$

$$BEC = 0.1023$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.70	0.0000	P	99.6
2	☐	0.100					
3	☐	1.000	1.026	102.47	0.0004	P	26.8
4	☐	50.000	49.853	4716.90	0.0171	P	2.9
5	☐	125.000	128.922	11924.37	0.0442	P	1.8
6	☐	250.000	255.509	23069.33	0.0876	P	0.6
7	☐	500.000	508.532	42678.62	0.1744	P	4.6
8	☐	1000.000	993.874	81651.58	0.3408	P	0.5
9	☐			32.10	0.0001	P	17.7

$$y = 3.4284\text{E-}004 * x + 1.3614\text{E-}005$$

$$R = 0.9999$$

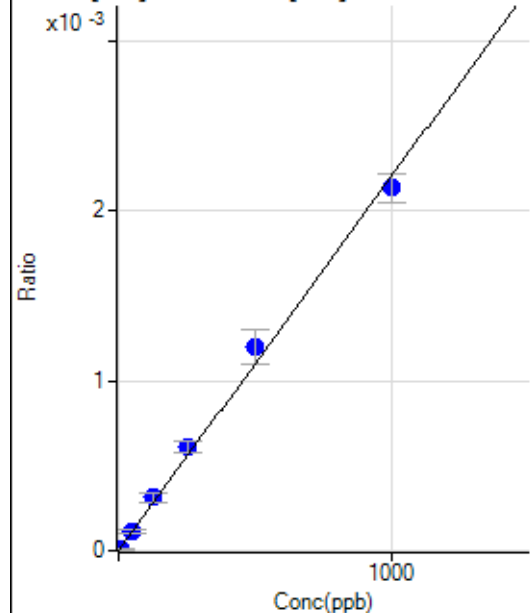
$$DL = 0.1186$$

$$BEC = 0.03971$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.566	2.22	0.0000	P	173.
4	☐	50.000	52.962	32.22	0.0001	P	23.0
5	☐	125.000	142.212	84.45	0.0003	P	20.1
6	☐	250.000	275.928	160.01	0.0006	P	11.0
7	☐	500.000	544.298	292.23	0.0012	P	17.3
8	☐	1000.000	969.077	511.13	0.0021	P	7.9
9	☐			0.00	0.0000	P	

$$y = 2.2022\text{E-}006 * x + 0.0000\text{E+}000$$

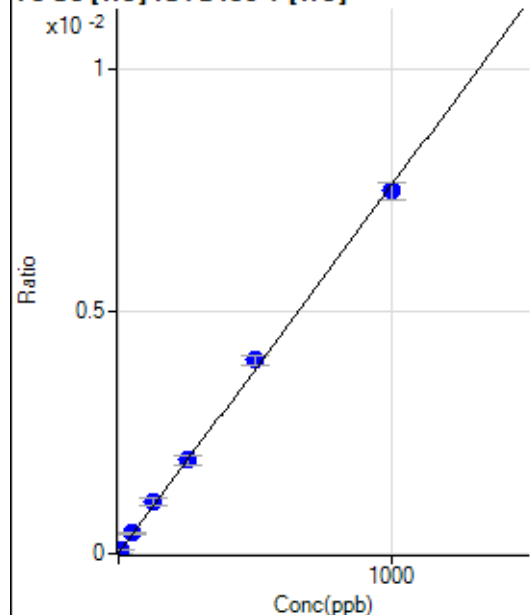
$$R = 0.9980$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	44.3
2	☐	0.500					
3	☐	5.000	8.368	20.37	0.0001	P	31.5
4	☐	50.000	53.731	114.82	0.0004	P	10.1
5	☐	125.000	138.123	285.19	0.0011	P	16.0
6	☐	250.000	252.488	506.80	0.0019	P	11.2
7	☐	500.000	524.433	975.97	0.0040	P	5.1
8	☐	1000.000	985.318	1793.96	0.0075	P	5.0
9	☐			1.85	0.0000	P	100.

$$y = 7.5866E-006 * x + 9.0825E-006$$

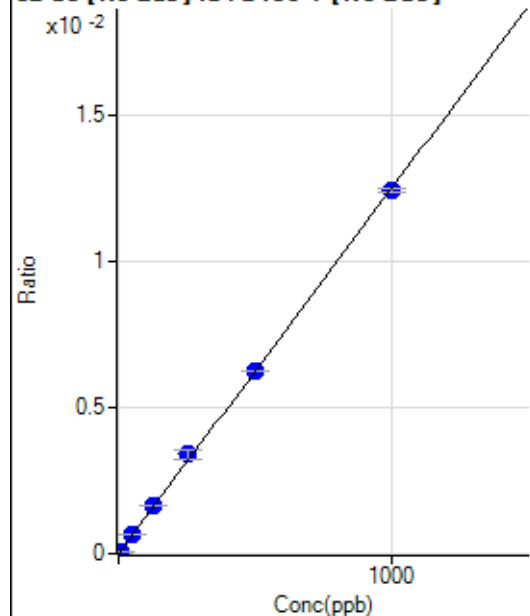
$$R = 0.9995$$

$$DL = 1.592$$

$$BEC = 1.197$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.74	0.0000	P	176.
2	☐	0.500					
3	☐	5.000	4.234	445.70	0.0001	P	12.5
4	☐	50.000	50.344	5061.88	0.0006	P	1.0
5	☐	125.000	129.699	13121.30	0.0016	P	0.7
6	☐	250.000	271.918	26104.56	0.0034	P	8.7
7	☐	500.000	500.826	50915.24	0.0063	P	0.4
8	☐	1000.000	993.507	99359.29	0.0124	P	0.9
9	☐			42.06	0.0000	P	31.4

$$y = 1.2495E-005 * x + 3.0689E-006$$

$$R = 0.9997$$

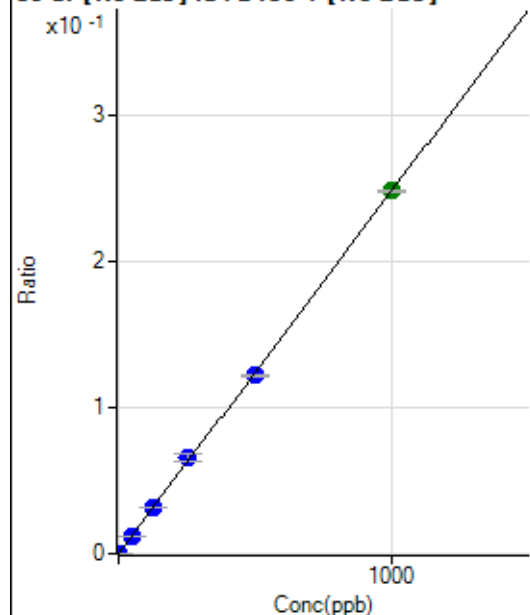
$$DL = 1.301$$

$$BEC = 0.2456$$

Weight: <None>

Min Conc: 0

86 Sr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	625.05	0.0001	P	0.4
2	☐	0.100					
3	☐	1.000	0.858	2344.75	0.0003	P	4.5
4	☐	50.000	49.370	98881.96	0.0123	P	0.4
5	☐	125.000	125.307	252269.69	0.0312	P	0.5
6	☐	250.000	264.532	505332.20	0.0658	P	8.2
7	☐	500.000	491.400	993575.25	0.1222	P	1.0
8	☐	1000.000	1000.660	1990318.06	0.2487	A	0.5
9	☐			66021.58	0.0084	P	0.7

$$y = 2.4847\text{E-}004 * x + 8.1167\text{E-}005$$

$$R = 0.9998$$

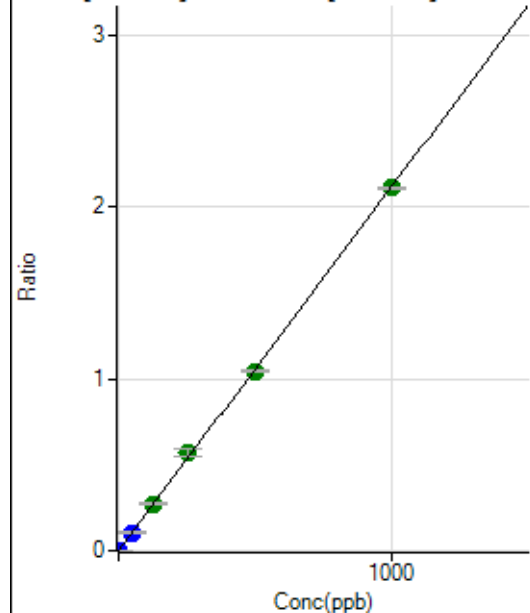
$$DL = 0.004111$$

$$BEC = 0.3267$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	32.5
2	☐	0.100					
3	☐	1.000	0.935	15851.45	0.0020	P	1.2
4	☐	50.000	50.172	849652.52	0.1061	P	0.7
5	☐	125.000	129.360	2210682.43	0.2736	A	1.0
6	☐	250.000	270.139	4385568.28	0.5712	A	8.5
7	☐	500.000	493.939	8493667.64	1.0445	A	1.4
8	☐	1000.000	997.442	16878097.95	2.1092	A	0.6
9	☐			571266.63	0.0731	P	0.6

$$y = 0.0021 * x + 1.3339\text{E-}005$$

$$R = 0.9997$$

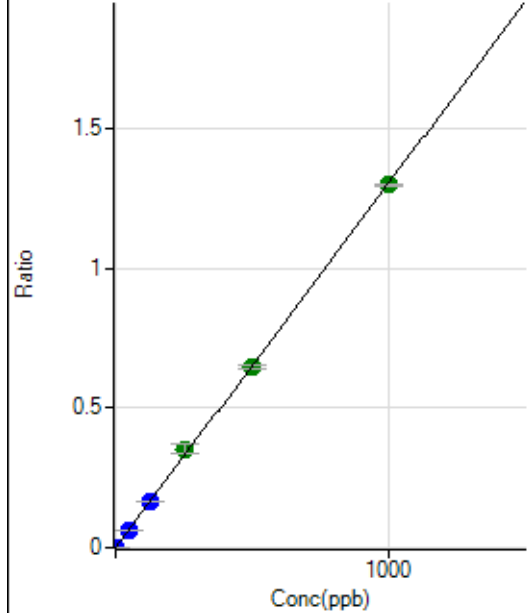
$$DL = 0.006141$$

$$BEC = 0.006308$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	475.03	0.0001	P	21.9
2	☐	0.100					
3	☐	1.000	0.934	10212.62	0.0013	P	3.3
4	☐	50.000	49.453	517772.83	0.0647	P	0.7
5	☐	125.000	126.374	1334504.31	0.1651	P	0.6
6	☐	250.000	271.788	2725473.69	0.3551	A	8.9
7	☐	500.000	496.713	5276781.71	0.6489	A	1.3
8	☐	1000.000	996.052	10411935.04	1.3011	A	0.3
9	☐			1489.04	0.0002	P	0.4

$$y = 0.0013 * x + 6.1689E-005$$

$$R = 0.9997$$

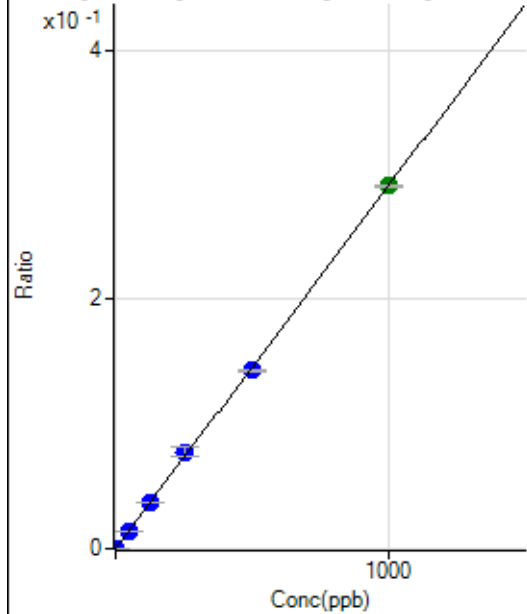
$$DL = 0.03104$$

$$BEC = 0.04723$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	30.6
2	☐	0.100					
3	☐	1.000	0.959	2322.51	0.0003	P	6.7
4	☐	50.000	48.915	114201.57	0.0143	P	0.4
5	☐	125.000	125.318	295118.83	0.0365	P	0.6
6	☐	250.000	266.551	596044.48	0.0777	P	9.0
7	☐	500.000	492.328	1166366.57	0.1434	P	1.1
8	☐	1000.000	999.713	2330546.64	0.2912	A	0.4
9	☐			252.79	0.0000	P	25.2

$$y = 2.9130E-004 * x + 1.2255E-005$$

$$R = 0.9998$$

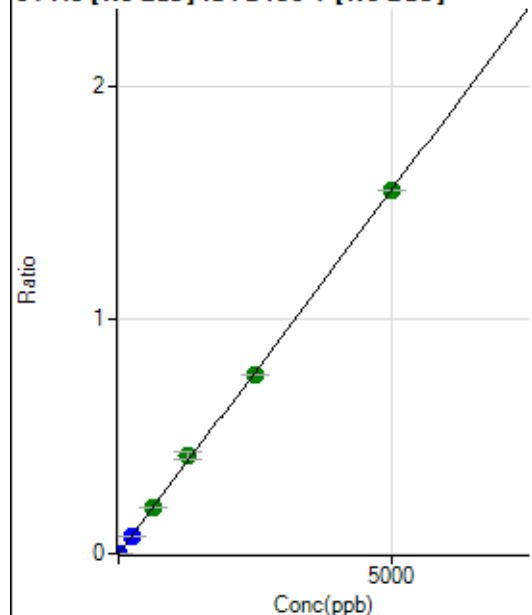
$$DL = 0.03867$$

$$BEC = 0.04207$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	24.5
2	☐	0.500					
3	☐	5.000	4.573	11499.76	0.0014	P	3.2
4	☐	250.000	246.988	614902.36	0.0768	P	1.1
5	☐	625.000	637.458	1601384.75	0.1982	A	0.3
6	☐	1250.000	1350.153	3220443.13	0.4197	A	9.4
7	☐	2500.000	2466.361	6234397.62	0.7666	A	0.5
8	☐	5000.000	4990.375	12412756.53	1.5511	A	0.2
9	☐			4123.06	0.0005	P	6.7

$$y = 3.1082\text{E-}004 * x + 2.1992\text{E-}005$$

$$R = 0.9997$$

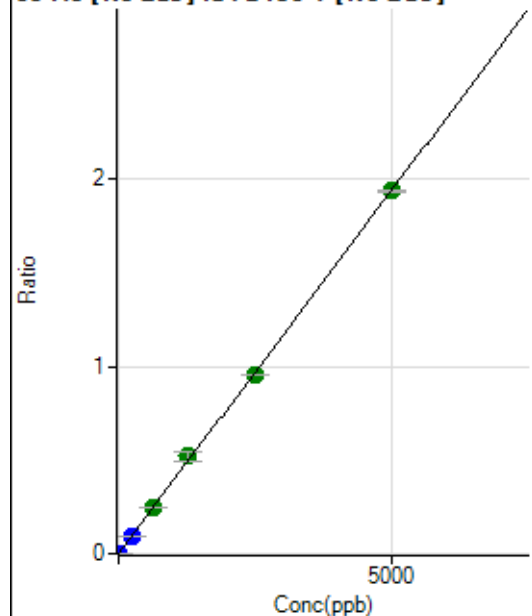
$$DL = 0.05195$$

$$BEC = 0.07076$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	52.8
2	☐	0.500					
3	☐	5.000	4.456	13796.52	0.0017	P	3.8
4	☐	250.000	243.327	754874.23	0.0943	P	1.1
5	☐	625.000	636.726	1993456.36	0.2467	A	0.4
6	☐	1250.000	1338.114	3978785.77	0.5184	A	9.0
7	☐	2500.000	2463.156	7760235.07	0.9542	A	0.5
8	☐	5000.000	4995.262	15486227.61	1.9352	A	0.7
9	☐			6582.43	0.0008	P	0.1

$$y = 3.8740\text{E-}004 * x + 5.4097\text{E-}006$$

$$R = 0.9998$$

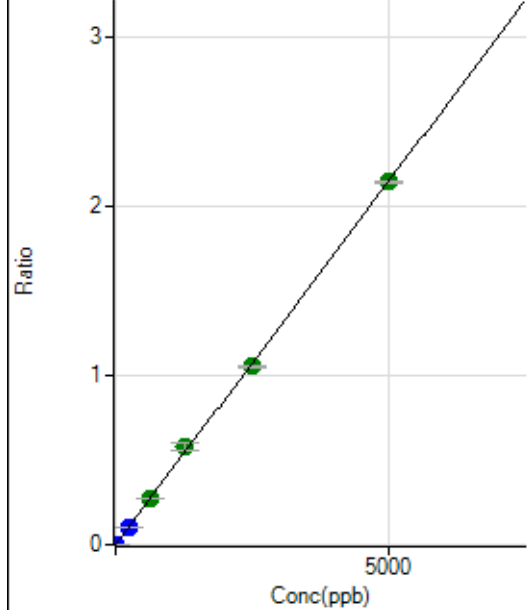
$$DL = 0.02212$$

$$BEC = 0.01396$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	7.4
2	☐	0.500					
3	☐	5.000	4.475	15367.67	0.0019	P	0.5
4	☐	250.000	242.455	833111.98	0.1040	P	1.0
5	☐	625.000	637.737	2211417.95	0.2736	A	0.6
6	☐	1250.000	1342.353	4421960.00	0.5760	A	8.5
7	☐	2500.000	2458.767	8579368.07	1.0550	A	0.9
8	☐	5000.000	4996.314	17155281.29	2.1438	A	0.2
9	☐			8030.54	0.0010	P	1.2

$$y = 4.2907\text{E-}004 * x + 9.0199\text{E-}006$$

$$R = 0.9998$$

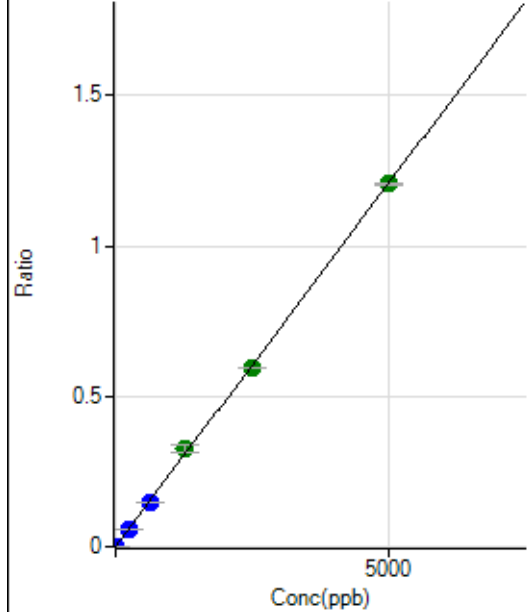
$$DL = 0.004636$$

$$BEC = 0.02102$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.12	0.0000	P	34.1
2	☐	0.500					
3	☐	5.000	4.450	8628.11	0.0011	P	0.7
4	☐	250.000	240.044	464513.40	0.0580	P	0.5
5	☐	625.000	619.405	1209508.54	0.1497	P	0.5
6	☐	1250.000	1349.509	2501924.10	0.3261	A	9.6
7	☐	2500.000	2463.628	4840812.48	0.5953	A	0.7
8	☐	5000.000	4994.506	9657087.63	1.2068	A	0.5
9	☐			3686.79	0.0005	P	4.0

$$y = 2.4162\text{E-}004 * x + 7.9314\text{E-}006$$

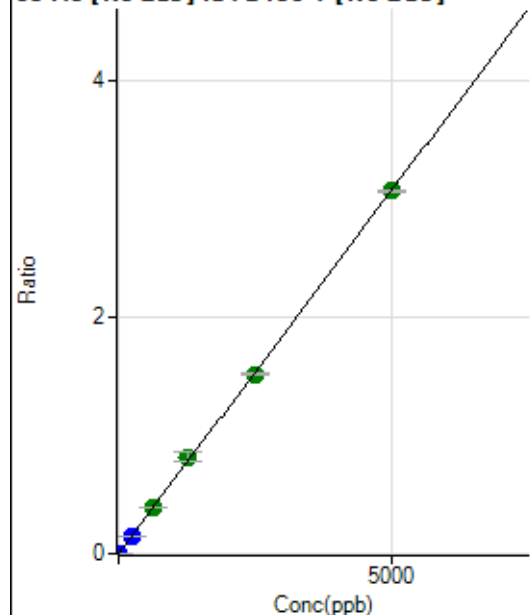
$$R = 0.9997$$

$$DL = 0.03358$$

$$BEC = 0.03283$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	56.7
2	☐	0.500					
3	☐	5.000	4.320	21170.03	0.0027	P	1.7
4	☐	250.000	245.012	1204333.58	0.1504	P	0.3
5	☐	625.000	626.579	3108064.22	0.3846	A	0.5
6	☐	1250.000	1333.720	6283799.88	0.8186	A	8.8
7	☐	2500.000	2468.198	12319875.27	1.5150	A	1.3
8	☐	5000.000	4995.024	24534291.52	3.0659	A	0.7
9	☐			9106.23	0.0012	P	4.6

$$y = 6.1379\text{E-}004 * x + 6.1342\text{E-}006$$

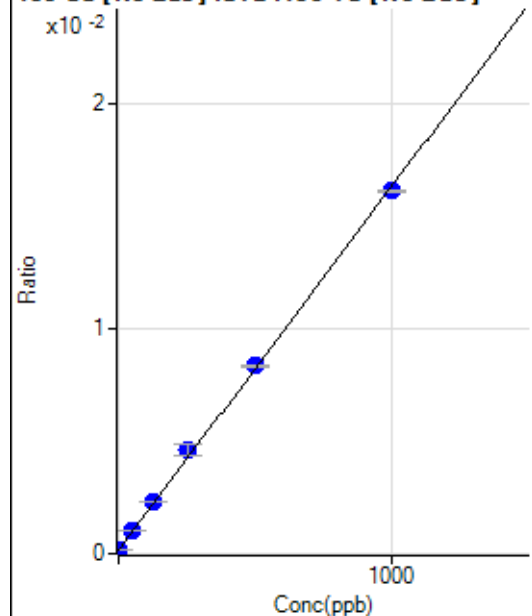
$$R = 0.9998$$

$$DL = 0.017$$

$$BEC = 0.009994$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1394.58	0.0002	P	3.9
2	☐	0.100					
3	☐	1.000	1.818	1700.19	0.0002	P	5.8
4	☐	50.000	54.651	9715.07	0.0010	P	4.0
5	☐	125.000	134.312	22472.22	0.0023	P	1.2
6	☐	250.000	276.409	43086.62	0.0046	P	9.9
7	☐	500.000	506.754	84825.57	0.0084	P	0.4
8	☐	1000.000	988.624	164849.58	0.0162	P	0.8
9	☐			1386.24	0.0001	P	2.8

$$y = 1.6187\text{E-}005 * x + 1.5335\text{E-}004$$

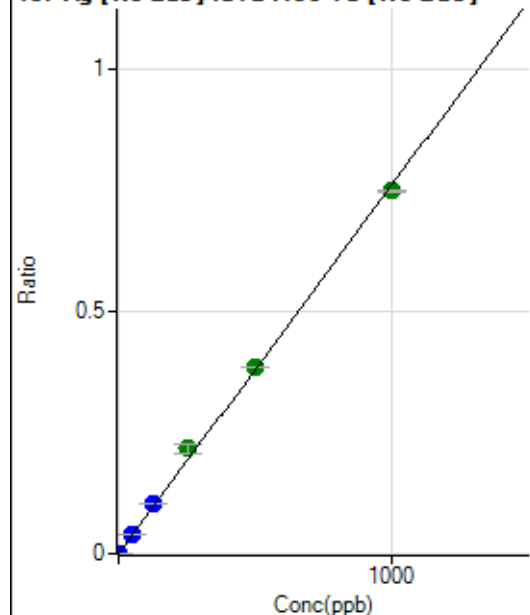
$$R = 0.9996$$

$$DL = 1.106$$

$$BEC = 9.474$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	55.2
2	☐	0.100					
3	☐	1.000	1.016	7266.21	0.0008	P	4.0
4	☐	50.000	54.537	387634.21	0.0414	P	0.6
5	☐	125.000	135.444	992918.01	0.1028	P	1.3
6	☐	250.000	285.514	2018624.83	0.2168	A	9.7
7	☐	500.000	508.666	3920220.53	0.3862	A	0.1
8	☐	1000.000	985.256	7632257.46	0.7480	A	0.5
9	☐			702.83	0.0001	P	12.4

$$y = 7.5921\text{E-}004 * x + 9.4828\text{E-}006$$

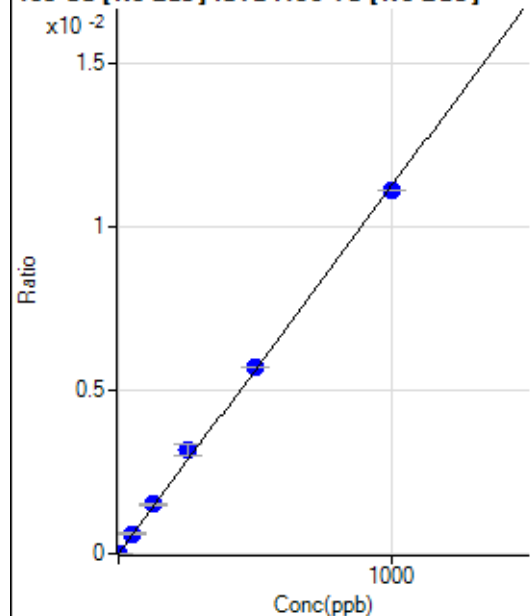
$$R = 0.9992$$

$$DL = 0.02069$$

$$BEC = 0.01249$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	50.0
2	☐	0.100					
3	☐	1.000	0.968	109.73	0.0000	P	20.3
4	☐	50.000	54.780	5780.54	0.0006	P	3.1
5	☐	125.000	133.843	14555.33	0.0015	P	0.8
6	☐	250.000	281.156	29461.67	0.0032	P	10.7
7	☐	500.000	507.227	57967.30	0.0057	P	0.4
8	☐	1000.000	987.253	113396.88	0.0111	P	0.1
9	☐			25.00	0.0000	P	49.1

$$y = 1.1256\text{E-}005 * x + 9.1627\text{E-}007$$

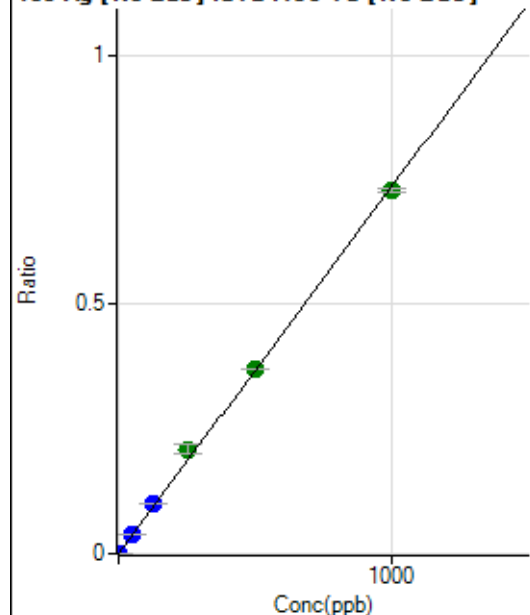
$$R = 0.9994$$

$$DL = 0.1222$$

$$BEC = 0.0814$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	41.9
2	☐	0.100					
3	☐	1.000	0.972	6721.46	0.0007	P	0.9
4	☐	50.000	53.429	368213.85	0.0393	P	0.9
5	☐	125.000	134.465	955815.30	0.0990	P	0.8
6	☐	250.000	284.347	1950201.24	0.2093	A	8.9
7	☐	500.000	502.003	3751432.29	0.3696	A	0.1
8	☐	1000.000	989.057	7429136.45	0.7281	A	0.9
9	☐			644.50	0.0001	P	11.5

$$y = 7.3616\text{E-}004 * x + 6.7274\text{E-}006$$

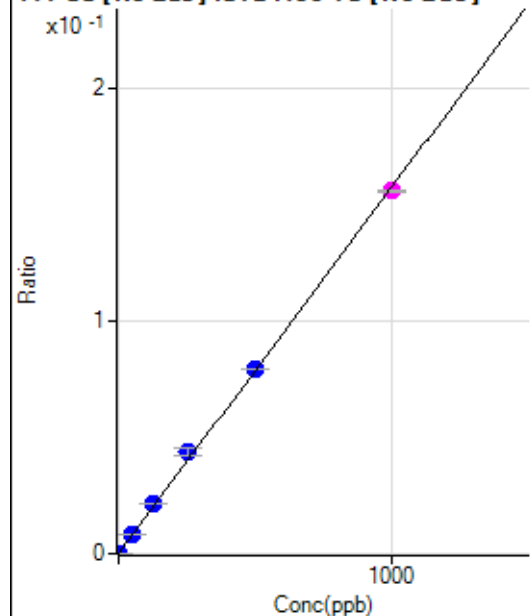
$$R = 0.9993$$

$$DL = 0.01149$$

$$BEC = 0.009138$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD:159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	989.82	0.0001	P	3.1
2	☐	0.100					
3	☐	1.000	1.018	2502.32	0.0003	P	4.3
4	☐	50.000	53.259	79463.31	0.0085	P	0.4
5	☐	125.000	133.998	204640.18	0.0212	P	0.9
6	☐	250.000	277.291	407549.25	0.0437	P	8.8
7	☐	500.000	502.411	803628.45	0.0792	P	0.4
8	☐	1000.000	990.684	1591754.65	0.1560	M	0.3
9	☐			1194.54	0.0001	P	1.7

$$y = 1.5736\text{E-}004 * x + 1.0885\text{E-}004$$

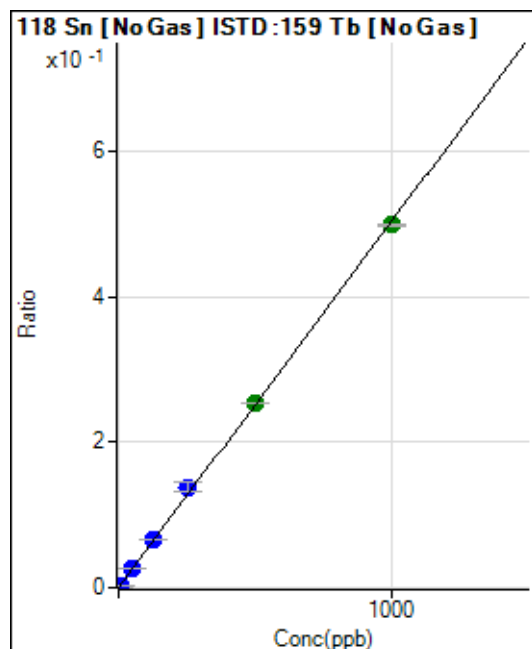
$$R = 0.9996$$

$$DL = 0.0652$$

$$BEC = 0.6917$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	913.96	0.0001	P	2.8
2	☐	0.500					
3	☐	5.000	4.645	22678.39	0.0024	P	1.5
4	☐	50.000	51.722	244544.32	0.0261	P	0.7
5	☐	125.000	130.621	635605.59	0.0658	P	0.3
6	☐	250.000	274.365	1286935.70	0.1382	P	9.1
7	☐	500.000	504.182	2576288.58	0.2538	A	0.2
8	☐	1000.000	991.031	5089176.63	0.4988	A	0.7
9	☐			4862.22	0.0005	P	5.4

$$y = 5.0318\text{E-}004 * x + 1.0051\text{E-}004$$

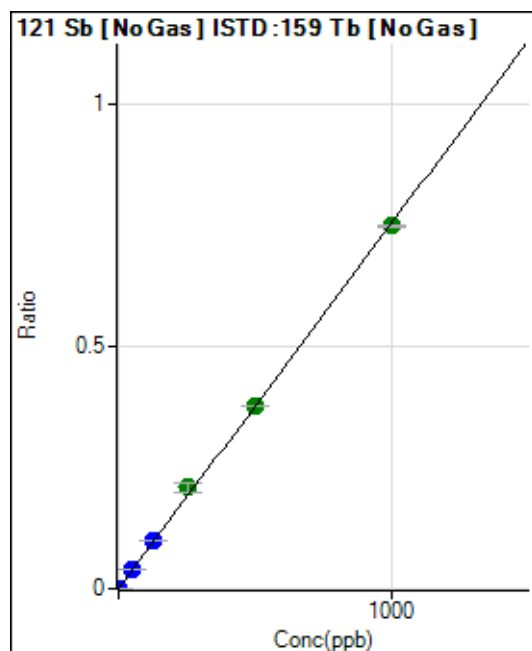
$$R = 0.9996$$

$$DL = 0.01649$$

$$BEC = 0.1997$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.66	0.0000	P	86.8
2	☐	0.200					
3	☐	2.000	1.898	13321.18	0.0014	P	4.2
4	☐	50.000	52.105	367596.93	0.0393	P	0.5
5	☐	125.000	130.292	948198.79	0.0982	P	0.4
6	☐	250.000	277.020	1944917.47	0.2088	A	9.1
7	☐	500.000	498.889	3816876.17	0.3760	A	0.6
8	☐	1000.000	993.034	7636458.24	0.7484	A	0.2
9	☐			8475.30	0.0009	P	1.4

$$y = 7.5369\text{E-}004 * x + 1.8341\text{E-}006$$

$$R = 0.9996$$

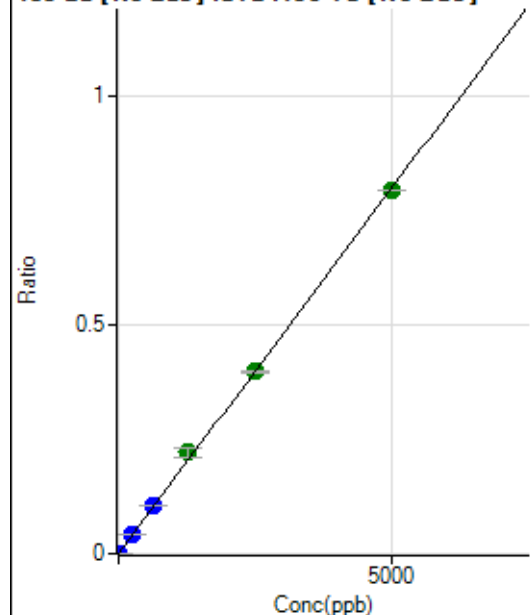
$$DL = 0.006334$$

$$BEC = 0.002433$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	62.9
2	☐	1.000					
3	☐	10.000	9.105	13538.05	0.0015	P	0.4
4	☐	250.000	256.634	383082.15	0.0409	P	0.4
5	☐	625.000	650.367	1001394.87	0.1037	P	0.7
6	☐	1250.000	1387.473	2059399.59	0.2213	A	10.5
7	☐	2500.000	2490.601	4031603.74	0.3972	A	0.3
8	☐	5000.000	4966.830	8081326.66	0.7920	A	0.1
9	☐			2144.72	0.0002	P	0.2

$$y = 1.5947\text{E-}004 * x + 3.3569\text{E-}006$$

$$R = 0.9996$$

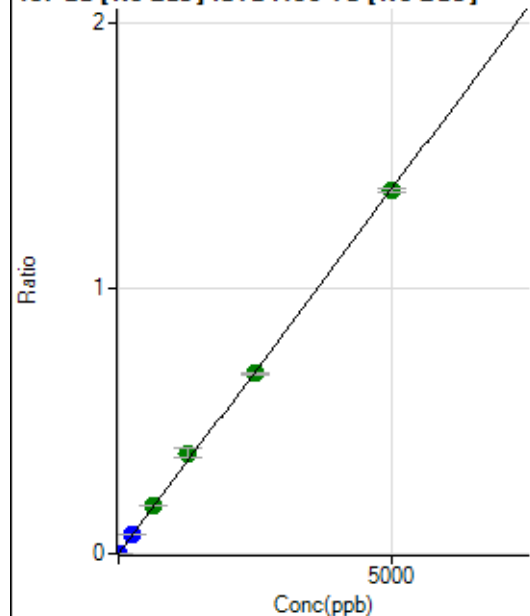
$$DL = 0.03973$$

$$BEC = 0.02105$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	14.6
2	☐	1.000					
3	☐	10.000	9.462	24245.26	0.0026	P	0.3
4	☐	250.000	258.591	665088.17	0.0711	P	0.2
5	☐	625.000	653.927	1734791.16	0.1797	A	1.2
6	☐	1250.000	1374.640	3517816.18	0.3777	A	9.3
7	☐	2500.000	2473.681	6899327.32	0.6797	A	0.6
8	☐	5000.000	4977.955	13954987.98	1.3677	A	0.9
9	☐			3564.53	0.0004	P	5.9

$$y = 2.7476\text{E-}004 * x + 6.4174\text{E-}006$$

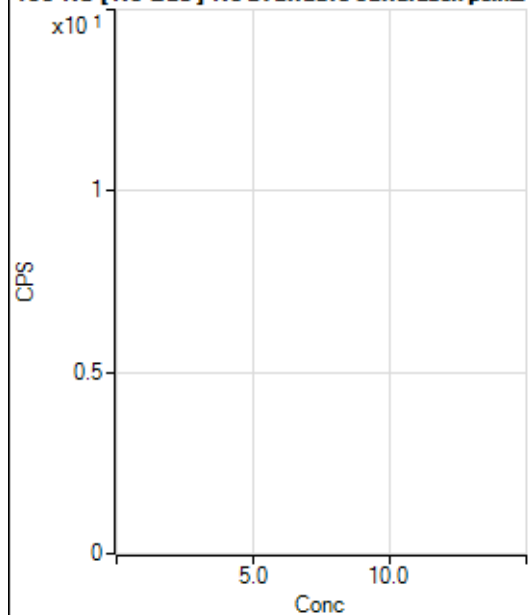
$$R = 0.9996$$

$$DL = 0.01021$$

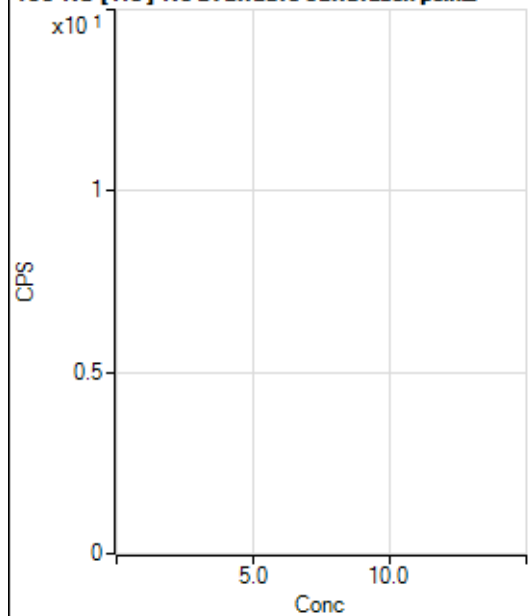
$$BEC = 0.02336$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

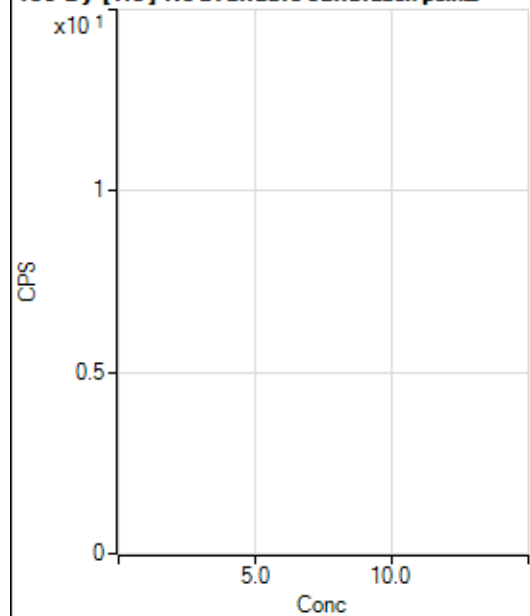
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐						
3	☐			6.67		P	0.0
4	☐			20.00		P	0.0
5	☐			57.78		P	6.7
6	☐			71.12		P	42.3
7	☐			122.23		P	16.7
8	☐			286.68		P	6.2
9	☐			88.89		P	15.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			3.33		P	100.
7	☐			1.11		P	173.
8	☐			5.56		P	34.7
9	☐			8.89		P	43.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			13.89		P	34.7
4	☐			25.00		P	57.7
5	☐			19.45		P	24.7
6	☐			36.11		P	48.0
7	☐			41.67		P	40.0
8	☐			61.11		P	31.5
9	☐			58.34		P	42.9

156 Dy [He] No available calibration points

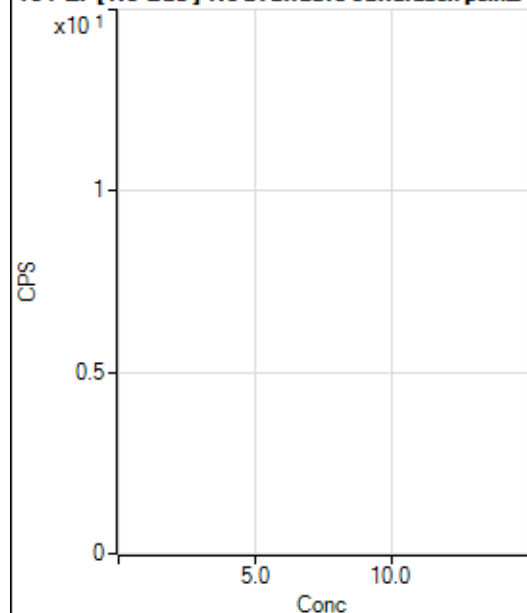
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	86.6
6	☐			1.11		P	173.
7	☐			1.11		P	173.
8	☐			4.44		P	43.4
9	☐			4.44		P	43.4

160 Gd [No Gas] Noavailable calibration poin_

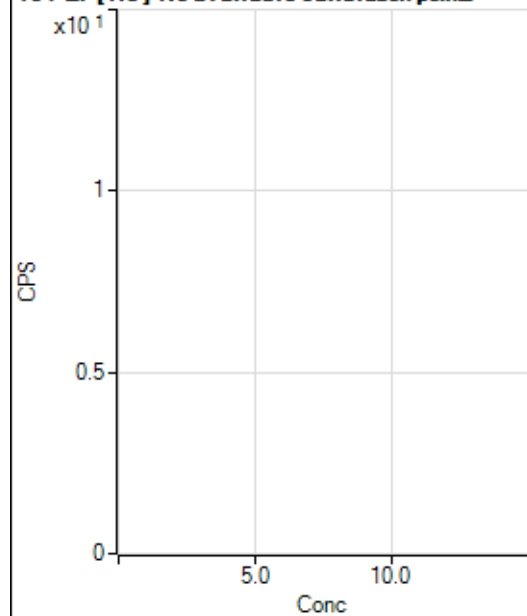
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.11		P	14.8
2	☐						
3	☐			47.22		P	73.5
4	☐			63.89		P	7.5
5	☐			44.45		P	10.8
6	☐			97.23		P	57.1
7	☐			36.11		P	35.3
8	☐			63.89		P	15.1
9	☐			91.67		P	31.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			8.89		P	21.6
4	☐			8.89		P	94.4
5	☐			12.22		P	31.5
6	☐			4.44		P	173.
7	☐			6.67		P	50.0
8	☐			11.11		P	17.3
9	☐			26.67		P	69.6

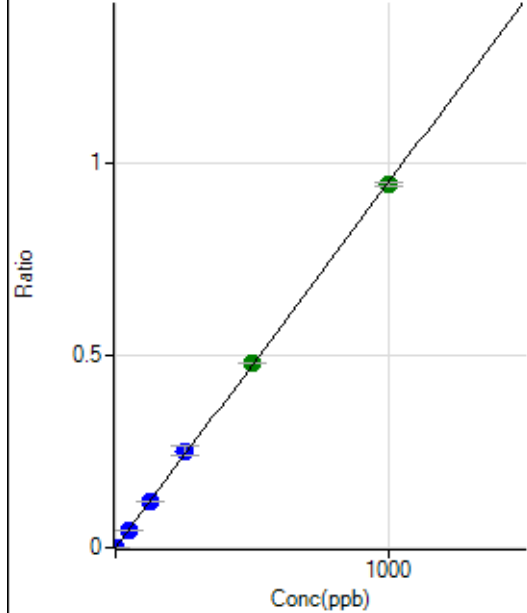
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐						
3	☐			66.67		P	43.3
4	☐			47.22		P	53.9
5	☐			36.11		P	13.3
6	☐			30.55		P	15.7
7	☐			44.45		P	10.8
8	☐			33.34		P	43.3
9	☐			44.45		P	28.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			7.78		P	49.5
4	☐			10.00		P	33.3
5	☐			3.33		P	0.0
6	☐			5.56		P	34.7
7	☐			3.33		P	173.
8	☐			13.33		P	66.1
9	☐			8.89		P	86.6

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.90	0.0000	P	25.9
2	☐	0.100					
3	☐	1.000	0.932	5320.81	0.0009	P	3.3
4	☐	50.000	48.819	271721.90	0.0464	P	1.0
5	☐	125.000	124.956	715158.26	0.1187	P	1.0
6	☐	250.000	265.190	1474379.32	0.2519	P	8.5
7	☐	500.000	505.816	3040366.78	0.4805	A	0.7
8	☐	1000.000	993.359	6101399.40	0.9436	A	1.0
9	☐			2019.71	0.0003	P	10.3

$$y = 9.4991\text{E-}004 * x + 3.3534\text{E-}005$$

$$R = 0.9998$$

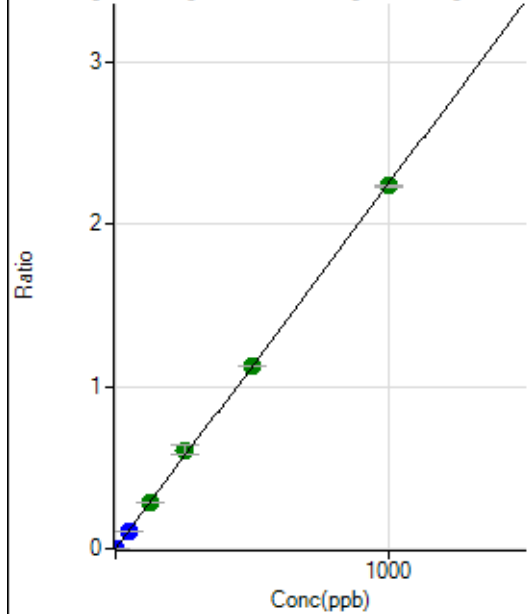
$$DL = 0.02746$$

$$BEC = 0.0353$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	380.58	0.0001	P	16.9
2	☐	0.100					
3	☐	1.000	0.929	12498.39	0.0022	P	2.3
4	☐	50.000	49.066	646896.96	0.1105	P	0.8
5	☐	125.000	126.387	1713473.24	0.2845	A	1.7
6	☐	250.000	271.314	3571208.98	0.6106	A	9.6
7	☐	500.000	500.501	7126786.53	1.1264	A	0.8
8	☐	1000.000	994.294	14467735.22	2.2376	A	0.6
9	☐			4581.58	0.0008	P	5.7

$$y = 0.0023 * x + 6.7642\text{E-}005$$

$$R = 0.9997$$

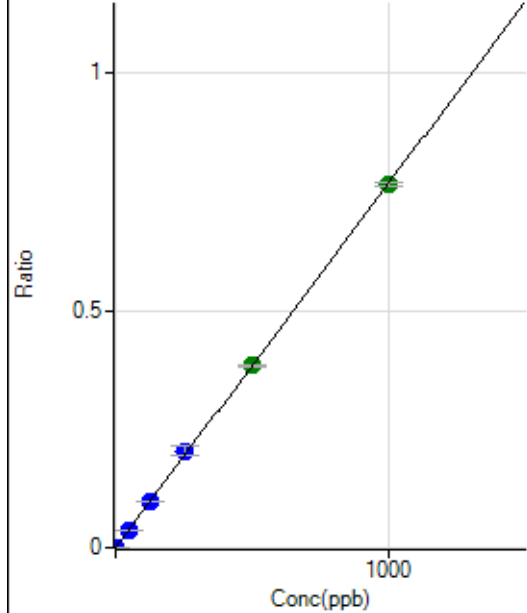
$$DL = 0.01525$$

$$BEC = 0.03006$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.71	0.0000	P	21.0
2	☐	0.100					
3	☐	1.000	0.930	4397.18	0.0008	P	1.7
4	☐	50.000	49.539	223071.38	0.0381	P	0.7
5	☐	125.000	125.352	580245.79	0.0963	P	0.9
6	☐	250.000	265.454	1193215.74	0.2040	P	9.0
7	☐	500.000	499.643	2428749.65	0.3838	A	0.7
8	☐	1000.000	996.294	4948459.49	0.7653	A	1.2
9	☐			6818.68	0.0011	P	1.9

$$y = 7.6814\text{E-}004 * x + 4.5090\text{E-}005$$

$$R = 0.9999$$

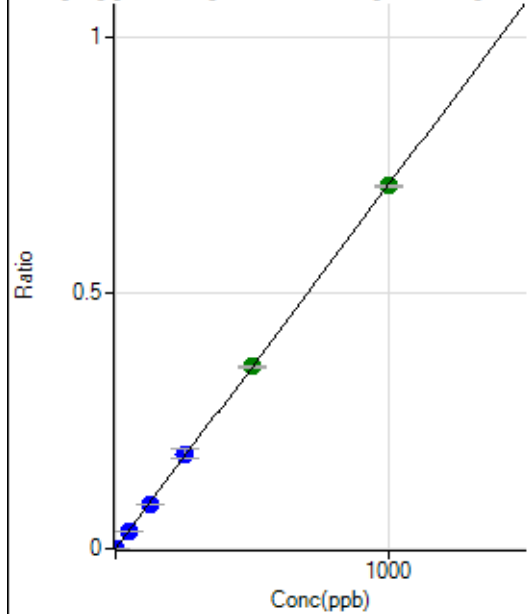
$$DL = 0.03696$$

$$BEC = 0.0587$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	11.0
2	☐	0.100					
3	☐	1.000	0.883	3830.33	0.0007	P	0.7
4	☐	50.000	48.376	201398.87	0.0344	P	1.2
5	☐	125.000	123.150	527100.69	0.0875	P	1.1
6	☐	250.000	260.842	1084104.13	0.1853	P	9.2
7	☐	500.000	500.612	2250255.69	0.3556	A	0.5
8	☐	1000.000	997.296	4580632.40	0.7084	A	0.6
9	☐			5714.43	0.0010	P	2.7

$$y = 7.1032\text{E-}004 * x + 3.4543\text{E-}005$$

$$R = 0.9999$$

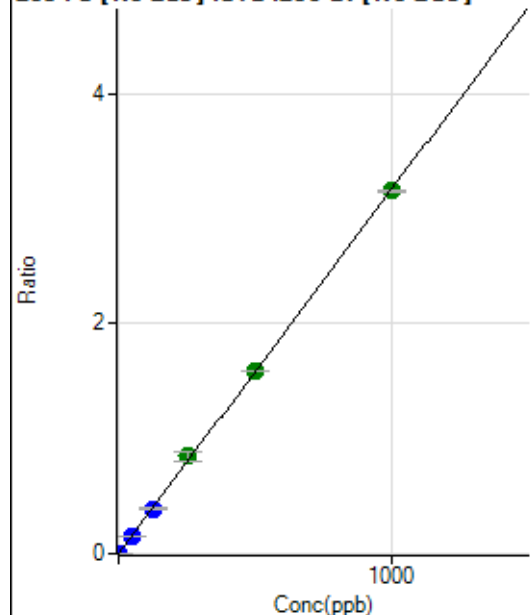
$$DL = 0.01609$$

$$BEC = 0.04863$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	938.93	0.0002	P	6.1
2	☐	0.100					
3	☐	1.000	0.886	17193.88	0.0030	P	1.0
4	☐	50.000	48.619	901971.87	0.1540	P	1.1
5	☐	125.000	123.982	2364571.97	0.3926	P	0.6
6	☐	250.000	267.336	4951385.84	0.8463	A	8.9
7	☐	500.000	499.654	10007276.76	1.5816	A	0.3
8	☐	1000.000	996.035	20384245.71	3.1526	A	0.7
9	☐			26418.87	0.0044	P	1.4

$$y = 0.0032 * x + 1.6673E-004$$

$$R = 0.9998$$

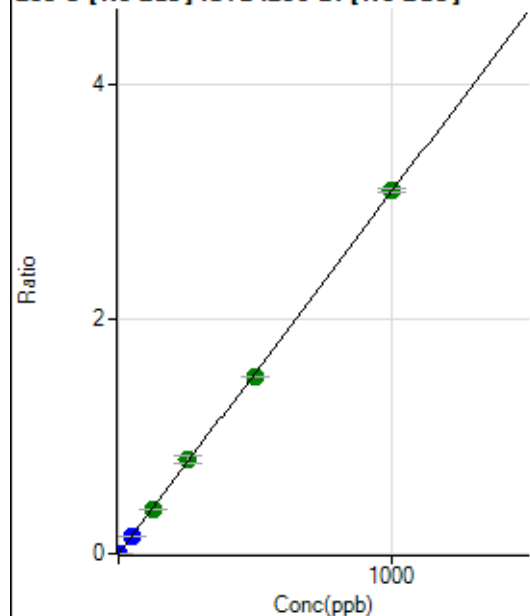
$$DL = 0.009588$$

$$BEC = 0.05268$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.01	0.0000	P	27.4
2	☐	0.100					
3	☐	1.000	0.857	15410.27	0.0027	P	2.6
4	☐	50.000	47.260	853813.17	0.1458	P	0.9
5	☐	125.000	124.539	2314413.16	0.3842	A	0.2
6	☐	250.000	260.995	4710935.70	0.8052	A	9.1
7	☐	500.000	488.700	9540023.65	1.5077	A	0.5
8	☐	1000.000	1003.096	20009835.34	3.0947	A	1.0
9	☐			794.51	0.0001	P	10.2

$$y = 0.0031 * x + 1.7710E-005$$

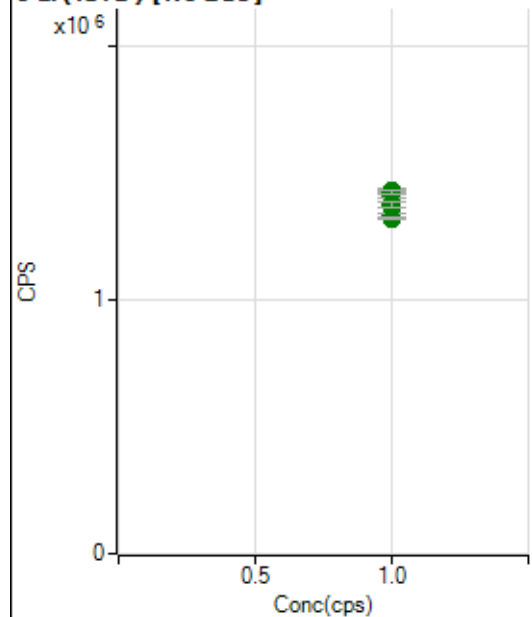
$$R = 0.9998$$

$$DL = 0.004712$$

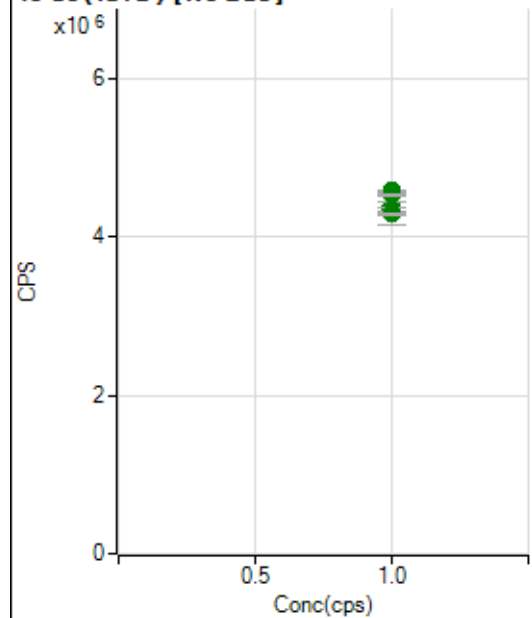
$$BEC = 0.005741$$

Weight: <None>

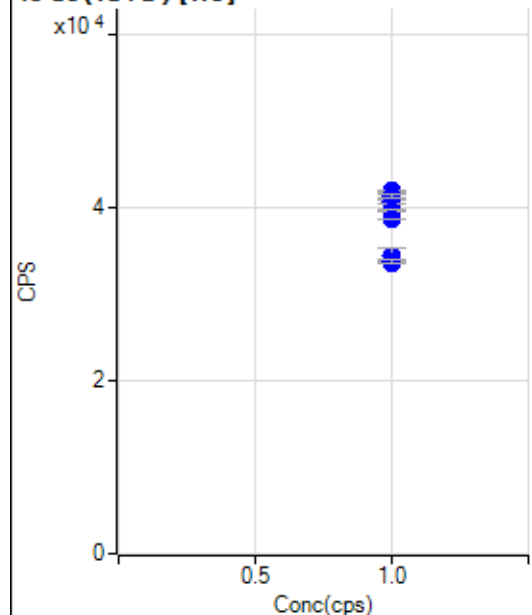
Min Conc: 0

6 Li (ISTD) [No Gas]

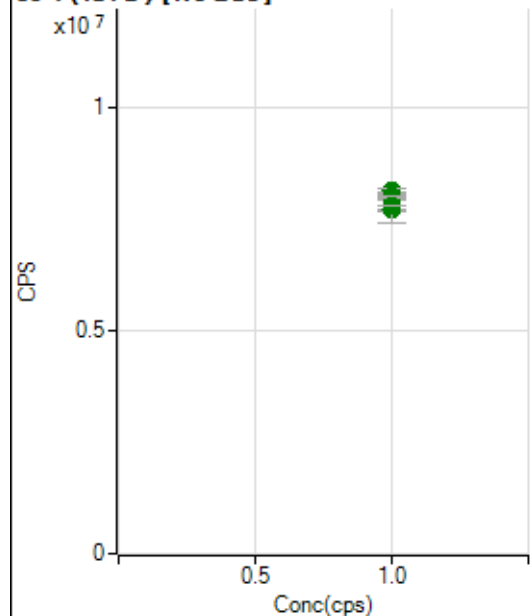
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1328236.89		A	1.4
2	☐	1.000					
3	☐	1.000		1401268.69		A	0.3
4	☐	1.000		1408017.27		A	1.0
5	☐	1.000		1427829.51		A	1.0
6	☐	1.000		1372785.87		A	8.6
7	☐	1.000		1425173.52		A	1.2
8	☐	1.000		1374066.96		A	1.3
9	☐	1.000		1319917.70		A	0.7

45 Sc (ISTD) [No Gas]

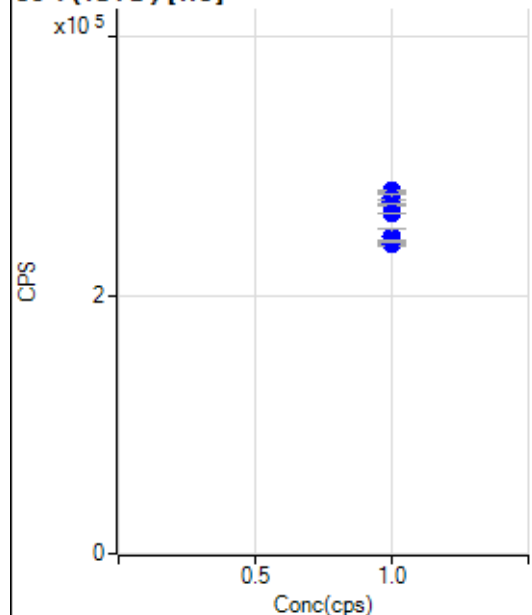
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4402766.50		A	1.3
2	☐	1.000					
3	☐	1.000		4577639.08		A	0.4
4	☐	1.000		4551859.26		A	1.1
5	☐	1.000		4549682.26		A	0.1
6	☐	1.000		4340489.99		A	8.8
7	☐	1.000		4525348.10		A	0.7
8	☐	1.000		4345660.04		A	1.0
9	☐	1.000		4284440.68		A	0.3

45 Sc (ISTD) [He]

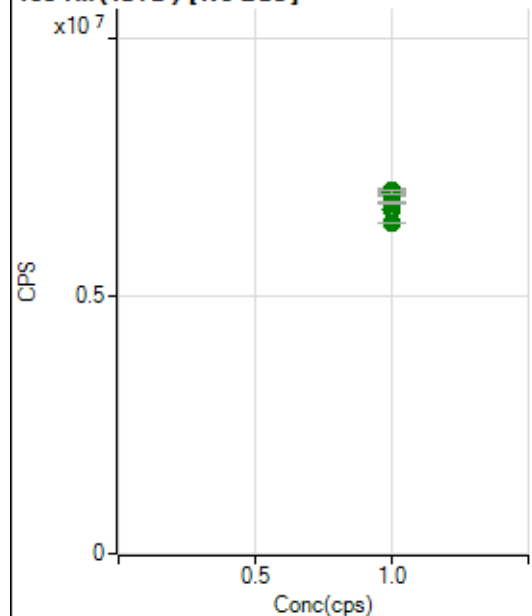
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40617.54		P	0.6
2	☐	1.000					
3	☐	1.000		41879.03		P	0.8
4	☐	1.000		41314.06		P	1.4
5	☐	1.000		39549.02		P	0.6
6	☐	1.000		38559.59		P	0.1
7	☐	1.000		34415.88		P	5.0
8	☐	1.000		33593.63		P	0.7
9	☐	1.000		33813.05		P	1.4

89 Y (ISTD) [No Gas]

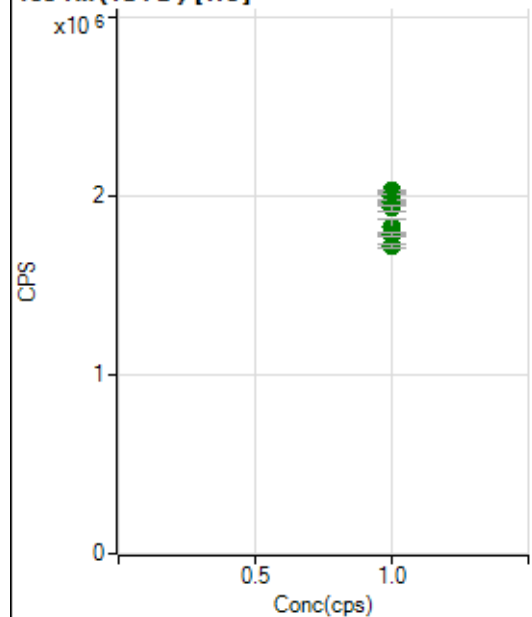
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7700847.04		A	0.4
2	☐	1.000					
3	☐	1.000		7966357.45		A	0.5
4	☐	1.000		8007916.27		A	0.7
5	☐	1.000		8081436.48		A	0.3
6	☐	1.000		7711954.05		A	7.9
7	☐	1.000		8132644.81		A	1.0
8	☐	1.000		8002350.37		A	0.5
9	☐	1.000		7818840.16		A	0.1

89 Y(ISTD) [He]

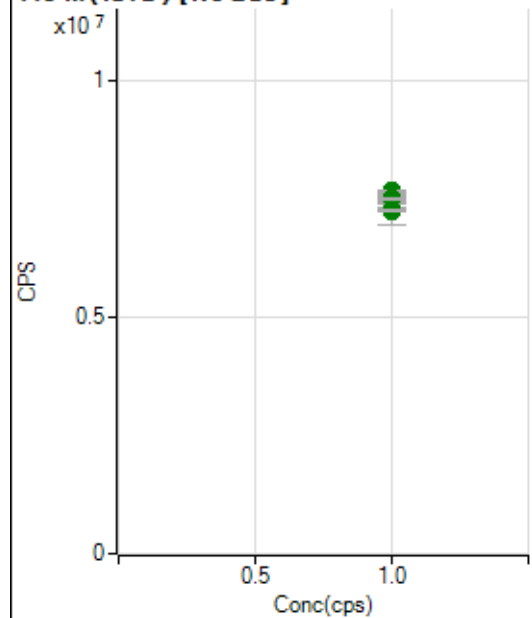
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		272325.16		P	0.9
2	☐	1.000					
3	☐	1.000		280635.40		P	0.8
4	☐	1.000		275850.50		P	1.8
5	☐	1.000		269703.74		P	0.6
6	☐	1.000		263312.38		P	0.2
7	☐	1.000		245121.57		P	4.7
8	☐	1.000		239627.89		P	1.0
9	☐	1.000		242135.15		P	0.8

103 Rh(ISTD) [No Gas]

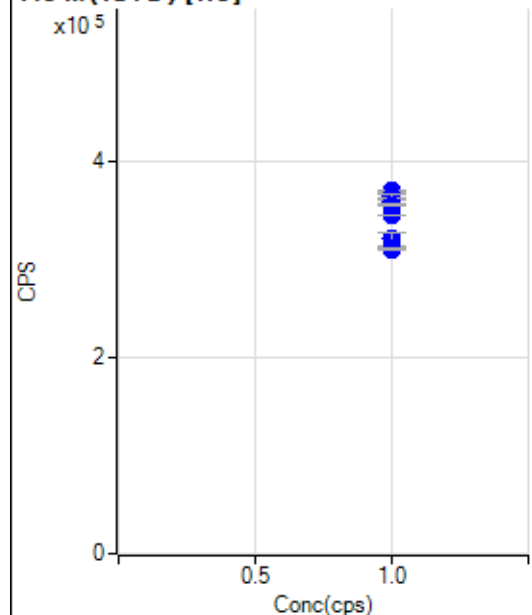
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6814810.05		A	0.7
2	☐	1.000					
3	☐	1.000		7049473.86		A	0.6
4	☐	1.000		6962930.97		A	0.7
5	☐	1.000		7039259.88		A	1.5
6	☐	1.000		6691675.32		A	8.0
7	☐	1.000		7035343.30		A	0.9
8	☐	1.000		6810193.82		A	0.6
9	☐	1.000		6431149.10		A	0.2

103 Rh (ISTD) [He]

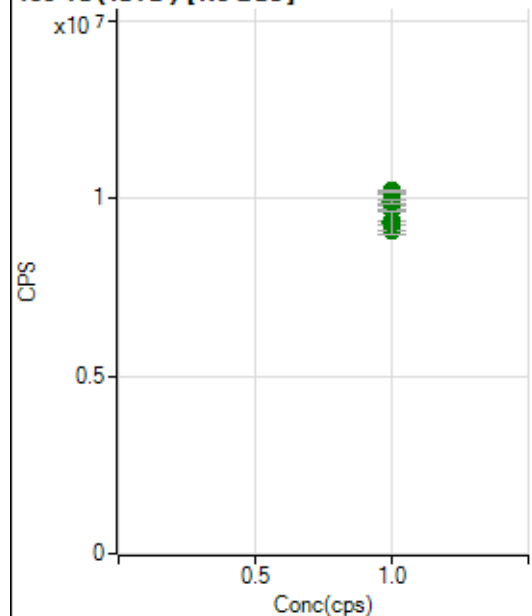
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1972859.55		A	0.8
2	☐	1.000					
3	☐	1.000		2029450.54		A	0.7
4	☐	1.000		1997022.26		A	1.5
5	☐	1.000		1971849.42		A	1.1
6	☐	1.000		1932899.23		A	1.4
7	☐	1.000		1827740.06		A	4.6
8	☐	1.000		1789035.56		A	1.1
9	☐	1.000		1723854.71		A	1.0

115 In (ISTD) [No Gas]

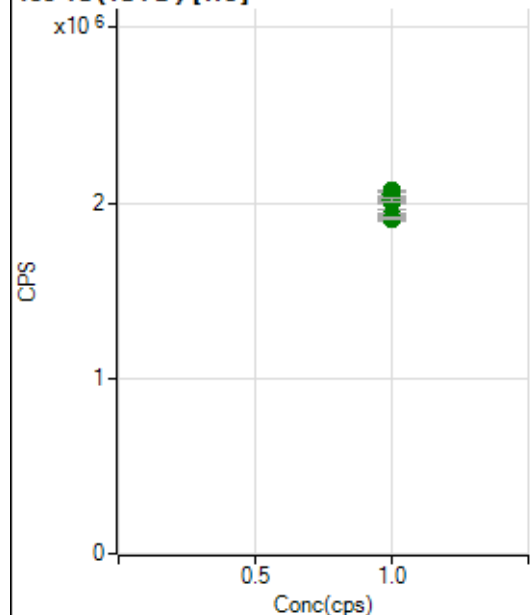
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7256290.62		A	1.0
2	☐	1.000					
3	☐	1.000		7468253.27		A	0.9
4	☐	1.000		7420243.64		A	0.5
5	☐	1.000		7585475.55		A	1.1
6	☐	1.000		7257852.97		A	8.7
7	☐	1.000		7662566.35		A	0.4
8	☐	1.000		7493562.11		A	0.4
9	☐	1.000		7235853.60		A	0.6

115 In (ISTD) [He]

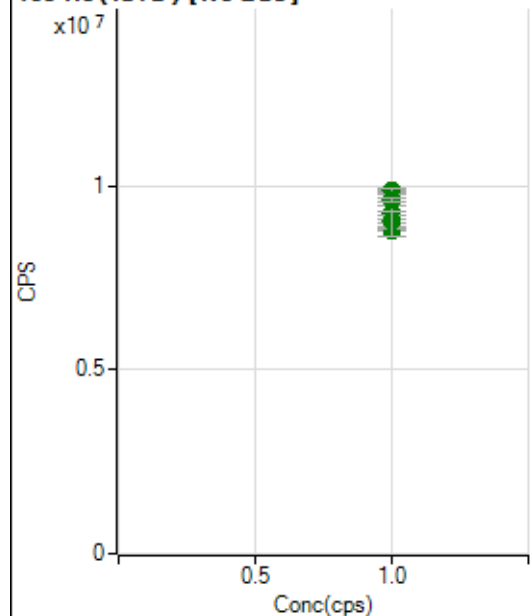
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		359269.50		P	0.9
2	☐	1.000					
3	☐	1.000		369918.64		P	0.5
4	☐	1.000		364324.95		P	1.4
5	☐	1.000		355684.21		P	0.6
6	☐	1.000		345317.45		P	0.3
7	☐	1.000		320986.46		P	4.5
8	☐	1.000		309936.13		P	0.3
9	☐	1.000		311587.60		P	0.6

159 Tb (ISTD) [No Gas]

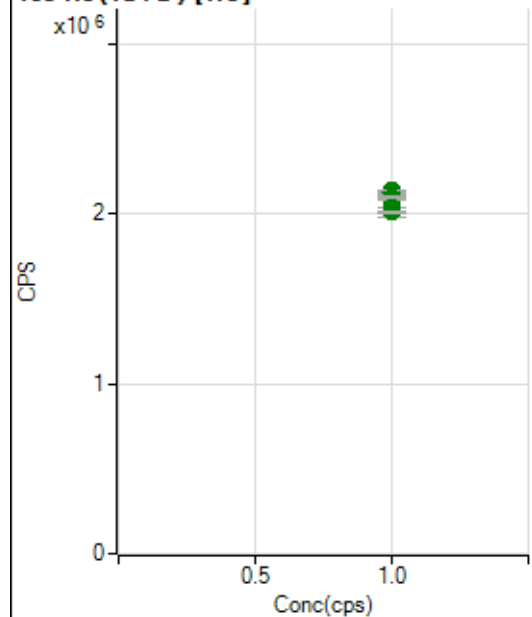
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9093197.78		A	0.4
2	☐	1.000					
3	☐	1.000		9302835.21		A	0.8
4	☐	1.000		9360051.94		A	0.4
5	☐	1.000		9655609.86		A	0.8
6	☐	1.000		9363835.35		A	8.6
7	☐	1.000		10150960.06		A	0.5
8	☐	1.000		10203186.44		A	0.6
9	☐	1.000		9913894.30		A	1.2

159 Tb (ISTD) [He]

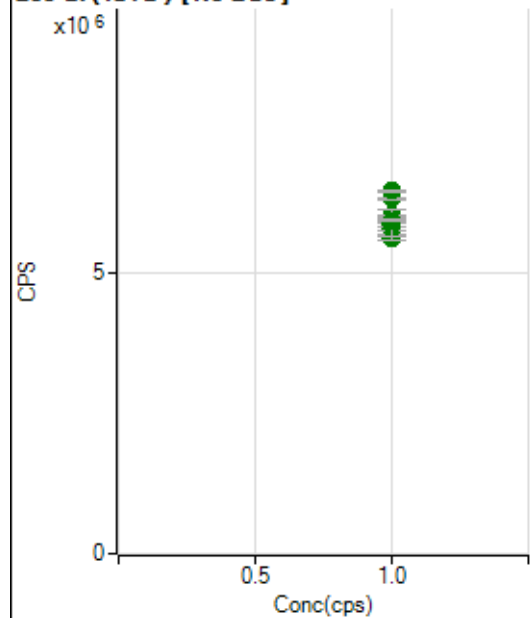
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2004885.49		A	1.2
2	☐	1.000					
3	☐	1.000		2069030.91		A	0.7
4	☐	1.000		2048590.23		A	1.0
5	☐	1.000		2037269.16		A	0.5
6	☐	1.000		2016021.98		A	0.8
7	☐	1.000		1929248.62		A	3.8
8	☐	1.000		1933243.96		A	0.5
9	☐	1.000		1911951.41		A	1.0

165 Ho (ISTD) [No Gas]

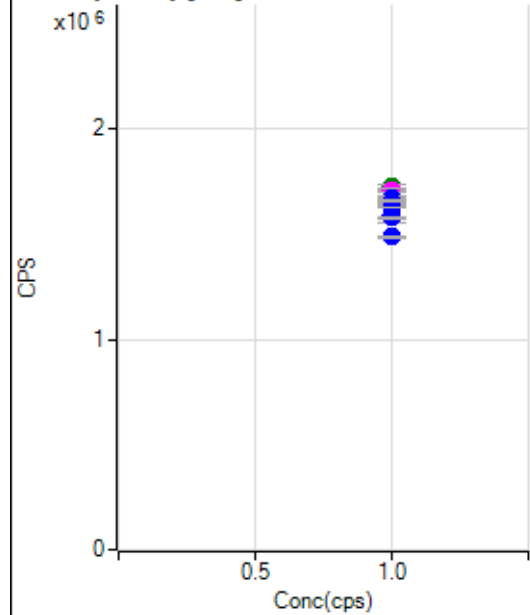
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8804279.97		A	0.8
2	☐	1.000					
3	☐	1.000		8874533.18		A	1.1
4	☐	1.000		9050961.05		A	1.0
5	☐	1.000		9274290.83		A	1.1
6	☐	1.000		9067061.23		A	9.6
7	☐	1.000		9874396.92		A	0.4
8	☐	1.000		9877205.34		A	1.5
9	☐	1.000		9633258.72		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2103892.33		A	0.6
2	☐	1.000					
3	☐	1.000		2132901.18		A	0.8
4	☐	1.000		2133417.71		A	0.7
5	☐	1.000		2123696.65		A	0.9
6	☐	1.000		2097333.21		A	0.1
7	☐	1.000		2030466.20		A	4.6
8	☐	1.000		2035099.45		A	0.3
9	☐	1.000		2007495.47		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5632810.54		A	1.4
2	☐	1.000					
3	☐	1.000		5788008.66		A	1.2
4	☐	1.000		5855477.00		A	0.9
5	☐	1.000		6023370.12		A	0.7
6	☐	1.000		5879195.74		A	8.1
7	☐	1.000		6327402.06		A	0.5
8	☐	1.000		6465956.92		A	0.6
9	☐	1.000		5942704.56		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1637225.01		P	0.7
2	☐	1.000					
3	☐	1.000		1723578.10		A	1.8
4	☐	1.000		1708015.74		M	1.4
5	☐	1.000		1675589.92		P	0.4
6	☐	1.000		1656915.39		P	0.3
7	☐	1.000		1591517.62		P	4.4
8	☐	1.000		1575931.28		P	0.2
9	☐	1.000		1487474.86		P	0.5

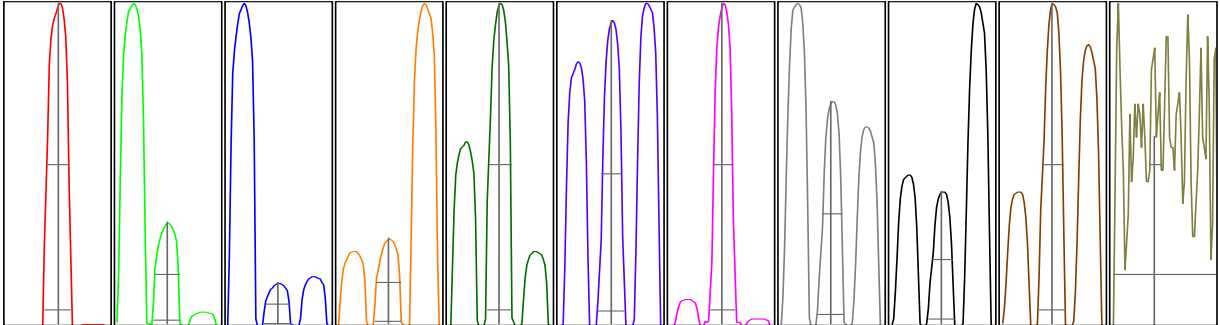
US EPA Tune Check Sample Report

Batch Folder D:\P8122217MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5227	1.41	5.00	
24	30495	0.96	5.00	
25	4111	0.76	5.00	
26	4682	0.70	5.00	
59	53235	1.33	5.00	
113	7080	3.03	5.00	
115	90813	4.74	5.00	
206	19185	2.50	5.00	
207	17493	2.30	5.00	
208	41835	2.31	5.00	
220	2	14.53		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5123	5208	5212	5316	5277
24	30172	30180	30665	30711	30744
25	4092	4068	4121	4128	4147
26	4664	4642	4711	4672	4721
59	52985	52666	53735	52584	54205
113	7370	6803	7114	6953	7160
115	97781	87550	91285	86977	90471
206	19340	18446	19618	18983	19536
207	17521	16852	17835	17425	17833
208	41827	40209	42723	42077	42340
220	1	2	2	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	8318	9.05	8.9 - 9.1		0.785	0.900	
24	48247	24.00	23.9 - 24.1		0.786	0.900	
25	6412	25.00	24.9 - 25.1		0.804	0.900	
26	7412	26.00	25.9 - 26.1		0.789	0.900	
59	87759	59.00	58.9 - 59.1		0.744	0.900	
113	12697	113.05	112.9 - 113.1		0.760	0.900	
115	163988	115.05	114.9 - 115.1		0.734	0.900	
206	34825	206.00	205.9 - 206.1		0.763	0.900	
207	30922	207.00	206.9 - 207.1		0.777	0.900	
208	74362	208.00	207.9 - 208.1		0.777	0.900	
220	2	219.75	-		2.929		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	13.2	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7338	0.65	
89	1580	1.36	
205	9760	0.45	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7418	7324	7296	7312	7341
89	1608	1578	1587	1579	1548
205	9818	9783	9760	9704	9735

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	1.6	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:42:51	DataFile Name :	004CALB_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.52	-0.51	1.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.04	0.04	0.00	0.00	N/A	ppb
Barium	135-1	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.05	-0.02	0.06	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.10	0.11	-0.01	0.00	N/A	ppb
Boron	11-1	-0.02	0.20	-0.18	0.00	N/A	ppb
Cadmium	111-1	0.02	0.00	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.39	-0.05	-0.34	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.04	0.04	0.00	N/A	ppb
Calcium	43-1	7.26	-6.73	-0.53	0.00	N/A	ppb
Calcium	44-1	-0.11	0.90	-0.78	0.00	N/A	ppb
Chromium	52-2	-0.04	0.00	0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.01	-0.06	0.07	0.00	N/A	ppb
Iron	57-2	0.12	0.57	-0.69	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.74	-2.39	-1.34	0.00	N/A	ppb
Manganese	55-2	-0.07	0.07	0.01	0.00	N/A	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:42:51	DataFile Name :	004CALB_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.01	-0.05	0.00	N/A	ppb
Phosphorus	31-2	-10.34	10.77	-10.34	-3.30		ppb
Potassium	39-2	13.47	-6.78	-6.70	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.31	-0.31	0.61	0.00	N/A	ppb
Selenium	82-1	0.46	-0.05	-0.41	0.00	N/A	ppb
Silicon	28-1	-0.60	-2.49	3.10	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	3.00	-2.19	-0.81	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	119.06	-122.27	261.79	86.19	225.23	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	N/A	ppb
Tin	118-1	0.00	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	-0.03	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:42:51	DataFile Name :	004CALB_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 12:49:49 DataFile Name : 006CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.86	19.78	27.47	24.37	16.66	ppb
Antimony	121-1	1.98	1.83	1.88	1.90	4.17	ppb
Arsenic	75-2	0.80	1.35	0.93	1.03	27.86	ppb
Barium	135-1	9.15	9.09	9.08	9.10	0.43	ppb
Barium	137-1	9.49	9.46	9.44	9.46	0.26	ppb
Beryllium	9-1	0.96	1.04	1.02	1.01	4.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	24.15	20.79	23.48	22.81	7.79	ppb
Boron	11-1	21.37	23.03	22.57	22.33	3.84	ppb
Cadmium	111-1	1.09	0.94	1.02	1.02	7.18	ppb
Cadmium	106-1	2.02	1.09	2.34	1.82	35.83	ppb
Cadmium	108-1	1.20	0.79	0.91	0.97	21.98	ppb
Calcium	43-1	443.59	416.50	422.73	427.61	3.32	ppb
Calcium	44-1	432.23	421.52	425.60	426.45	1.27	ppb
Chromium	52-2	1.86	1.88	1.89	1.88	1.01	ppb
Cobalt	59-2	0.92	0.94	0.86	0.91	4.64	ppb
Copper	63-2	1.79	1.85	1.74	1.79	3.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	45.08	43.99	45.75	44.94	1.97	ppb
Iron	57-2	41.81	35.56	55.05	44.14	22.55	ppb
Lead	206-1	0.93	0.92	0.95	0.93	1.77	ppb
Lead	207-1	0.88	0.89	0.88	0.88	0.70	ppb
Lead	208-1	0.90	0.88	0.88	0.89	1.04	ppb
Lithium	6-1				105		%
Magnesium	24-2	464.85	447.74	466.04	459.55	2.23	ppb
Manganese	55-2	1.13	0.96	1.19	1.09	10.82	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:49:49	DataFile Name :	006CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.56	4.43	4.72	4.57	3.21	ppb
Molybdenum	95-1	4.41	4.32	4.64	4.46	3.76	ppb
Molybdenum	96-1	4.47	4.50	4.45	4.47	0.54	ppb
Molybdenum	97-1	4.46	4.41	4.47	4.45	0.75	ppb
Molybdenum	98-1	4.40	4.25	4.31	4.32	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.75	0.89	0.85	9.93	ppb
Phosphorus	31-2	-10.34	9.97	10.28	3.30	357.67	ppb
Potassium	39-2	448.55	453.97	454.86	452.46	0.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	10.70	0.00	0.00	3.57	173.21	ppb
Selenium	78-2	10.01	4.89	10.20	8.37	35.98	ppb
Selenium	82-1	4.83	4.14	3.72	4.23	13.25	ppb
Silicon	28-1	17.42	16.18	15.56	16.39	5.78	ppb
Silver	109-1	0.97	0.96	0.98	0.97	0.87	ppb
Silver	107-1	1.04	1.04	0.97	1.02	4.09	ppb
Sodium	23-2	456.20	473.27	466.62	465.36	1.85	ppb
Strontium	86-1	0.88	0.80	0.89	0.86	6.20	ppb
Strontium	88-1	0.94	0.94	0.92	0.93	1.25	ppb
Sulfur	34-1	6.49	-175.61	-89.45	-86.19		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.91	0.91	0.97	0.93	3.47	ppb
Thallium	205-1	0.92	0.95	0.91	0.93	2.33	ppb
Tin	118-1	4.71	4.66	4.57	4.65	1.56	ppb
Titanium	47-1	4.57	4.28	4.76	4.54	5.30	ppb
Uranium	238-1	0.84	0.88	0.85	0.86	2.66	ppb
Vanadium	51-2	4.41	4.34	4.36	4.37	0.87	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1.86	1.97	1.97	1.93	3.19	ppb
Zirconium	90-1	0.91	0.97	0.92	0.93	3.51	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:49:49	DataFile Name :	006CALS_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	1.02	0.96	0.96	7.04	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:53:17	DataFile Name :	007CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1088.83	1035.64	1041.12	1055.20	2.77	ppb
Antimony	121-1	51.92	51.97	52.42	52.11	0.53	ppb
Arsenic	75-2	48.28	50.09	51.19	49.85	2.95	ppb
Barium	135-1	257.87	256.06	255.98	256.63	0.42	ppb
Barium	137-1	259.01	258.69	258.07	258.59	0.19	ppb
Beryllium	9-1	53.43	54.81	54.34	54.19	1.29	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	46.13	53.55	54.37	51.35	8.84	ppb
Boron	11-1	49.64	51.35	52.76	51.25	3.06	ppb
Cadmium	111-1	53.50	53.21	53.07	53.26	0.41	ppb
Cadmium	106-1	54.67	52.06	57.23	54.65	4.73	ppb
Cadmium	108-1	52.82	55.89	55.63	54.78	3.11	ppb
Calcium	43-1	4909.97	4811.09	4781.82	4834.29	1.39	ppb
Calcium	44-1	4872.78	4877.43	4791.14	4847.12	1.00	ppb
Chromium	52-2	48.72	48.47	49.68	48.96	1.30	ppb
Cobalt	59-2	48.10	48.72	49.14	48.65	1.08	ppb
Copper	63-2	93.62	94.40	96.06	94.69	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	2438.11	2469.65	2477.31	2461.69	0.84	ppb
Iron	57-2	2410.12	2447.94	2425.85	2427.97	0.78	ppb
Lead	206-1	49.94	49.27	49.40	49.54	0.72	ppb
Lead	207-1	48.86	47.71	48.56	48.38	1.24	ppb
Lead	208-1	48.98	48.03	48.85	48.62	1.06	ppb
Lithium	6-1				106		%
Magnesium	24-2	5052.24	5100.63	5117.00	5089.96	0.66	ppb
Manganese	55-2	99.25	99.49	99.59	99.44	0.17	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:53:17	DataFile Name :	007CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.11	249.53	244.32	246.99	1.05	ppb
Molybdenum	95-1	242.03	246.31	241.64	243.33	1.06	ppb
Molybdenum	96-1	240.22	245.10	242.04	242.45	1.02	ppb
Molybdenum	97-1	241.40	239.16	239.57	240.04	0.50	ppb
Molybdenum	98-1	245.80	244.60	244.64	245.01	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.49	49.63	49.62	49.58	0.16	ppb
Phosphorus	31-2	1218.40	1112.44	937.03	1089.29	13.05	ppb
Potassium	39-2	2579.59	2521.92	2575.93	2559.15	1.26	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	59.14	60.84	38.91	52.96	23.04	ppb
Selenium	78-2	47.36	57.66	56.18	53.73	10.37	ppb
Selenium	82-1	50.89	49.89	50.25	50.34	1.01	ppb
Silicon	28-1	71.43	74.07	69.24	71.58	3.38	ppb
Silver	109-1	53.99	53.27	53.03	53.43	0.94	ppb
Silver	107-1	54.90	54.21	54.50	54.54	0.63	ppb
Sodium	23-2	5043.99	5110.58	5099.42	5084.67	0.70	ppb
Strontium	86-1	49.17	49.51	49.43	49.37	0.35	ppb
Strontium	88-1	50.26	50.48	49.77	50.17	0.73	ppb
Sulfur	34-1	1440.68	1683.45	1200.01	1441.38	16.77	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	49.25	48.32	48.89	48.82	0.97	ppb
Thallium	205-1	49.50	48.69	49.01	49.07	0.82	ppb
Tin	118-1	51.78	52.03	51.36	51.72	0.66	ppb
Titanium	47-1	254.04	252.05	245.92	250.67	1.69	ppb
Uranium	238-1	47.75	46.89	47.14	47.26	0.94	ppb
Vanadium	51-2	47.87	49.71	48.65	48.74	1.89	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	95.90	97.42	96.42	96.58	0.80	ppb
Zirconium	90-1	49.82	49.43	49.11	49.45	0.72	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:53:17	DataFile Name :	007CALS_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.81	49.13	48.80	48.92	0.39	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:56:45	DataFile Name :	008CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2552.12	2519.84	2586.80	2552.92	1.31	ppb
Antimony	121-1	129.88	130.87	130.12	130.29	0.40	ppb
Arsenic	75-2	131.54	127.52	127.71	128.92	1.76	ppb
Barium	135-1	652.34	653.73	645.03	650.37	0.72	ppb
Barium	137-1	658.74	658.00	645.04	653.93	1.18	ppb
Beryllium	9-1	135.55	133.18	136.16	134.97	1.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	125.86	126.16	136.60	129.54	4.72	ppb
Boron	11-1	127.99	129.72	130.01	129.24	0.85	ppb
Cadmium	111-1	134.90	134.52	132.57	134.00	0.93	ppb
Cadmium	106-1	134.68	135.79	132.47	134.31	1.26	ppb
Cadmium	108-1	134.38	134.55	132.59	133.84	0.81	ppb
Calcium	43-1	12338.45	12200.35	12367.69	12302.17	0.73	ppb
Calcium	44-1	12426.42	12305.24	12305.95	12345.87	0.57	ppb
Chromium	52-2	124.83	127.91	127.46	126.73	1.31	ppb
Cobalt	59-2	124.44	124.92	126.01	125.12	0.64	ppb
Copper	63-2	244.98	247.43	247.67	246.69	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	6434.00	6501.63	6407.96	6447.86	0.75	ppb
Iron	57-2	6154.72	6164.59	6360.32	6226.54	1.86	ppb
Lead	206-1	124.27	126.57	125.22	125.35	0.92	ppb
Lead	207-1	122.39	124.65	122.42	123.15	1.05	ppb
Lead	208-1	123.51	124.79	123.64	123.98	0.57	ppb
Lithium	6-1				107		%
Magnesium	24-2	12819.16	12923.35	13131.00	12957.84	1.23	ppb
Manganese	55-2	252.64	252.10	254.18	252.98	0.43	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:56:45	DataFile Name :	008CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	637.12	635.86	639.40	637.46	0.28	ppb
Molybdenum	95-1	633.83	636.90	639.45	636.73	0.44	ppb
Molybdenum	96-1	639.06	633.14	641.01	637.74	0.64	ppb
Molybdenum	97-1	617.91	617.51	622.79	619.41	0.47	ppb
Molybdenum	98-1	625.80	623.92	630.01	626.58	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.15	127.05	126.47	126.22	0.77	ppb
Phosphorus	31-2	2642.34	2357.90	2715.47	2571.90	7.34	ppb
Potassium	39-2	6566.42	6499.51	6567.02	6544.32	0.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	112.35	145.05	169.24	142.21	20.07	ppb
Selenium	78-2	153.71	148.14	112.52	138.12	16.18	ppb
Selenium	82-1	130.71	128.80	129.59	129.70	0.74	ppb
Silicon	28-1	179.41	179.47	178.34	179.07	0.35	ppb
Silver	109-1	135.63	134.37	133.40	134.47	0.83	ppb
Silver	107-1	136.48	136.38	133.48	135.44	1.26	ppb
Sodium	23-2	12943.99	13064.74	13029.43	13012.72	0.48	ppb
Strontium	86-1	125.27	124.74	125.91	125.31	0.47	ppb
Strontium	88-1	130.26	127.89	129.94	129.36	0.99	ppb
Sulfur	34-1	3088.50	3134.08	2821.11	3014.57	5.61	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	123.73	126.16	124.97	124.96	0.97	ppb
Thallium	205-1	125.28	128.91	124.97	126.39	1.73	ppb
Tin	118-1	130.61	130.19	131.06	130.62	0.33	ppb
Titanium	47-1	634.32	636.05	628.79	633.05	0.60	ppb
Uranium	238-1	124.73	124.60	124.28	124.54	0.18	ppb
Vanadium	51-2	122.90	124.84	125.59	124.44	1.11	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	249.32	250.73	255.17	251.74	1.21	ppb
Zirconium	90-1	126.00	125.90	127.23	126.37	0.59	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:56:45	DataFile Name :	008CALS_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	126.21	125.11	124.63	125.32	0.65	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:00:07	DataFile Name :	009CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5142.06	5096.85	5155.48	5131.46	0.60	ppb
Antimony	121-1	305.98	264.09	260.99	277.02	9.07	ppb
Arsenic	75-2	257.24	254.94	254.34	255.51	0.60	ppb
Barium	135-1	1555.05	1308.13	1299.24	1387.47	10.46	ppb
Barium	137-1	1522.48	1308.06	1293.38	1374.64	9.33	ppb
Beryllium	9-1	306.26	261.41	259.49	275.72	9.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	286.55	251.73	258.74	265.67	6.93	ppb
Boron	11-1	289.62	255.31	257.08	267.34	7.23	ppb
Cadmium	111-1	305.44	262.83	263.61	277.29	8.79	ppb
Cadmium	106-1	309.12	257.55	262.56	276.41	10.29	ppb
Cadmium	108-1	315.87	263.95	263.65	281.16	10.69	ppb
Calcium	43-1	28972.90	24424.83	24462.19	25953.31	10.08	ppb
Calcium	44-1	28757.67	24472.19	24194.52	25808.13	9.91	ppb
Chromium	52-2	250.89	249.54	250.96	250.46	0.32	ppb
Cobalt	59-2	246.84	250.16	246.44	247.81	0.82	ppb
Copper	63-2	490.92	486.03	488.82	488.59	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	12459.65	12589.82	12543.73	12531.07	0.53	ppb
Iron	57-2	12273.01	12394.88	12284.07	12317.32	0.55	ppb
Lead	206-1	292.99	249.62	253.75	265.45	9.02	ppb
Lead	207-1	288.39	245.25	248.88	260.84	9.17	ppb
Lead	208-1	294.91	252.17	254.93	267.34	8.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	25657.97	25529.97	25303.37	25497.10	0.70	ppb
Manganese	55-2	500.52	497.27	499.60	499.13	0.34	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:00:07	DataFile Name :	009CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1496.89	1277.54	1276.03	1350.15	9.41	ppb
Molybdenum	95-1	1476.79	1262.65	1274.90	1338.11	8.99	ppb
Molybdenum	96-1	1474.05	1278.08	1274.93	1342.35	8.50	ppb
Molybdenum	97-1	1498.64	1273.58	1276.31	1349.51	9.57	ppb
Molybdenum	98-1	1469.35	1260.51	1271.30	1333.72	8.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.12	251.79	250.79	251.23	0.20	ppb
Phosphorus	31-2	5696.96	5481.93	4927.30	5368.73	7.40	ppb
Potassium	39-2	12658.36	12763.16	12644.03	12688.51	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	265.13	310.10	252.56	275.93	10.96	ppb
Selenium	78-2	245.11	228.46	283.90	252.49	11.27	ppb
Selenium	82-1	299.29	257.98	258.48	271.92	8.72	ppb
Silicon	28-1	349.87	271.82	267.41	296.37	15.65	ppb
Silver	109-1	313.43	270.27	269.34	284.35	8.86	ppb
Silver	107-1	317.27	271.93	267.34	285.51	9.67	ppb
Sodium	23-2	26170.67	26172.40	25567.88	25970.32	1.34	ppb
Strontium	86-1	289.27	249.47	254.85	264.53	8.16	ppb
Strontium	88-1	296.38	253.90	260.14	270.14	8.49	ppb
Sulfur	34-1	9270.83	5049.48	5235.53	6518.61	36.59	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	291.21	250.96	253.40	265.19	8.51	ppb
Thallium	205-1	301.49	255.14	257.31	271.31	9.64	ppb
Tin	118-1	303.16	260.48	259.45	274.36	9.09	ppb
Titanium	47-1	1485.38	1248.94	1262.28	1332.20	9.97	ppb
Uranium	238-1	288.36	247.61	247.01	261.00	9.08	ppb
Vanadium	51-2	247.99	247.32	245.87	247.06	0.44	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	495.39	493.88	494.50	494.59	0.15	ppb
Zirconium	90-1	299.59	256.55	259.23	271.79	8.87	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:00:07	DataFile Name :	009CALS_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	294.35	252.44	252.86	266.55	9.03	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:03:24	DataFile Name :	010CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10134.13	10210.69	10678.13	10340.98	2.85	ppb
Antimony	121-1	495.54	501.12	500.00	498.89	0.59	ppb
Arsenic	75-2	495.44	494.60	535.56	508.53	4.60	ppb
Barium	135-1	2490.56	2482.77	2498.48	2490.60	0.32	ppb
Barium	137-1	2489.05	2471.21	2460.79	2473.68	0.58	ppb
Beryllium	9-1	497.61	508.58	492.24	499.48	1.67	ppb
Bismuth	209-1				112		%
Bismuth	209-2				97		%
Boron	10-1	480.06	494.59	496.69	490.45	1.85	ppb
Boron	11-1	477.26	502.29	494.19	491.25	2.60	ppb
Cadmium	111-1	502.61	500.51	504.11	502.41	0.36	ppb
Cadmium	106-1	505.81	509.19	505.26	506.75	0.42	ppb
Cadmium	108-1	505.11	509.49	507.07	507.23	0.43	ppb
Calcium	43-1	47839.45	48369.10	47960.65	48056.40	0.58	ppb
Calcium	44-1	47552.81	47515.64	47824.40	47630.95	0.35	ppb
Chromium	52-2	490.07	508.88	538.20	512.38	4.73	ppb
Cobalt	59-2	490.67	508.28	542.60	513.85	5.14	ppb
Copper	63-2	968.53	1005.83	1068.66	1014.34	4.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				89		%
Iron	56-2	24902.97	25731.46	27240.29	25958.24	4.57	ppb
Iron	57-2	24638.00	25177.41	26971.33	25595.58	4.77	ppb
Lead	206-1	495.89	501.63	501.41	499.64	0.65	ppb
Lead	207-1	497.79	501.50	502.55	500.61	0.50	ppb
Lead	208-1	498.15	501.18	499.63	499.65	0.30	ppb
Lithium	6-1				107		%
Magnesium	24-2	50647.85	52015.97	55003.16	52555.66	4.24	ppb
Manganese	55-2	983.56	1010.55	1065.63	1019.91	4.10	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:03:24	DataFile Name :	010CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2451.61	2474.08	2473.39	2466.36	0.52	ppb
Molybdenum	95-1	2452.70	2475.85	2460.91	2463.16	0.48	ppb
Molybdenum	96-1	2433.77	2476.92	2465.62	2458.77	0.91	ppb
Molybdenum	97-1	2444.03	2475.23	2471.62	2463.63	0.69	ppb
Molybdenum	98-1	2440.50	2502.89	2461.20	2468.20	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.86	510.21	543.08	515.38	4.95	ppb
Phosphorus	31-2	9704.56	10253.24	10369.08	10108.96	3.51	ppb
Potassium	39-2	24782.59	25163.85	27035.61	25660.68	4.70	ppb
Rhodium	103-1				103		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				85		%
Selenium	77-2	483.30	497.11	652.48	544.30	17.26	ppb
Selenium	78-2	511.66	506.21	555.43	524.43	5.15	ppb
Selenium	82-1	498.94	502.48	501.06	500.83	0.36	ppb
Silicon	28-1	529.05	532.85	524.48	528.79	0.79	ppb
Silver	109-1	502.37	502.33	501.30	502.00	0.12	ppb
Silver	107-1	508.18	508.76	509.06	508.67	0.09	ppb
Sodium	23-2	50050.38	52012.61	54919.75	52327.58	4.68	ppb
Strontium	86-1	485.89	495.47	492.84	491.40	1.01	ppb
Strontium	88-1	487.66	501.32	492.84	493.94	1.40	ppb
Sulfur	34-1	9335.23	9467.28	9453.08	9418.53	0.77	ppb
Terbium	159-1				112		%
Terbium	159-2				96		%
Thallium	203-1	504.00	509.95	503.50	505.82	0.71	ppb
Thallium	205-1	503.70	501.63	496.17	500.50	0.78	ppb
Tin	118-1	503.42	505.22	503.91	504.18	0.18	ppb
Titanium	47-1	2482.85	2482.86	2459.44	2475.05	0.55	ppb
Uranium	238-1	487.83	491.62	486.66	488.70	0.53	ppb
Vanadium	51-2	488.31	502.40	536.24	508.98	4.84	ppb
Yttrium	89-1				106		%
Yttrium	89-2				90		%
Zinc	66-2	986.79	1019.82	1084.84	1030.48	4.84	ppb
Zirconium	90-1	491.78	504.21	494.15	496.71	1.33	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:03:24	DataFile Name :	010CALS_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.29	495.11	495.59	492.33	1.06	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:06:39	DataFile Name :	011CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19731.54	20474.95	20438.28	20214.92	2.07	ppb
Antimony	121-1	992.11	991.47	995.52	993.03	0.22	ppb
Arsenic	75-2	987.68	996.64	997.31	993.87	0.54	ppb
Barium	135-1	4960.57	4966.51	4973.42	4966.83	0.13	ppb
Barium	137-1	4970.16	4936.87	5026.83	4977.96	0.91	ppb
Beryllium	9-1	998.61	986.58	991.93	992.38	0.61	ppb
Bismuth	209-1				115		%
Bismuth	209-2				96		%
Boron	10-1	973.15	1001.20	1026.49	1000.28	2.67	ppb
Boron	11-1	973.64	1000.39	1024.52	999.52	2.55	ppb
Cadmium	111-1	993.84	990.91	987.30	990.68	0.33	ppb
Cadmium	106-1	996.16	979.45	990.26	988.62	0.86	ppb
Cadmium	108-1	987.03	988.72	986.01	987.25	0.14	ppb
Calcium	43-1	98584.12	98308.57	97981.00	98291.23	0.31	ppb
Calcium	44-1	96147.86	96421.19	96250.62	96273.22	0.14	ppb
Chromium	52-2	985.78	995.97	998.84	993.53	0.69	ppb
Cobalt	59-2	991.55	989.90	999.57	993.67	0.52	ppb
Copper	63-2	1989.74	1980.90	2018.45	1996.36	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				86		%
Iron	56-2	50615.60	50537.97	50968.75	50707.44	0.45	ppb
Iron	57-2	49701.23	49561.39	49939.91	49734.18	0.38	ppb
Lead	206-1	995.88	984.28	1008.72	996.29	1.23	ppb
Lead	207-1	994.65	993.54	1003.70	997.30	0.56	ppb
Lead	208-1	994.85	989.64	1003.62	996.04	0.71	ppb
Lithium	6-1				103		%
Magnesium	24-2	101501.03	100660.84	102376.07	101512.65	0.84	ppb
Manganese	55-2	1992.30	1987.06	1990.39	1989.92	0.13	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:06:39	DataFile Name :	011CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4997.68	4991.85	4981.59	4990.38	0.16	ppb
Molybdenum	95-1	5030.25	4994.76	4960.78	4995.26	0.70	ppb
Molybdenum	96-1	5006.03	4987.48	4995.43	4996.31	0.19	ppb
Molybdenum	97-1	5014.01	5002.69	4966.82	4994.51	0.49	ppb
Molybdenum	98-1	4952.96	5021.40	5010.71	4995.02	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.46	984.80	997.34	991.87	0.65	ppb
Phosphorus	31-2	19693.73	20860.19	18965.73	19839.89	4.82	ppb
Potassium	39-2	49482.03	48939.08	49090.05	49170.39	0.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				83		%
Selenium	77-2	880.92	1009.25	1017.06	969.08	7.89	ppb
Selenium	78-2	1037.59	938.51	979.86	985.32	5.05	ppb
Selenium	82-1	986.12	990.90	1003.50	993.51	0.90	ppb
Silicon	28-1	960.66	970.66	967.01	966.11	0.52	ppb
Silver	109-1	986.99	998.68	981.51	989.06	0.89	ppb
Silver	107-1	984.31	990.78	980.67	985.26	0.52	ppb
Sodium	23-2	99527.83	100607.53	100885.33	100340.23	0.71	ppb
Strontium	86-1	1006.72	996.82	998.43	1000.66	0.53	ppb
Strontium	88-1	1002.22	991.30	998.81	997.44	0.56	ppb
Sulfur	34-1	19506.80	20144.48	19822.80	19824.69	1.61	ppb
Terbium	159-1				112		%
Terbium	159-2				96		%
Thallium	203-1	998.19	982.20	999.69	993.36	0.98	ppb
Thallium	205-1	993.40	988.68	1000.80	994.29	0.61	ppb
Tin	118-1	998.00	990.70	984.39	991.03	0.69	ppb
Titanium	47-1	5004.72	4997.99	4969.95	4990.89	0.37	ppb
Uranium	238-1	992.35	1006.10	1010.84	1003.10	0.96	ppb
Vanadium	51-2	993.22	992.67	1003.25	996.38	0.60	ppb
Yttrium	89-1				104		%
Yttrium	89-2				88		%
Zinc	66-2	1994.39	1977.09	1986.72	1986.07	0.44	ppb
Zirconium	90-1	994.13	994.21	999.81	996.05	0.33	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:06:39	DataFile Name :	011CALS_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	997.38	1004.63	997.13	999.71	0.43	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:09:49	DataFile Name :	012CALS_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99693.97	100149.89	99899.55	99914.47	0.23	ppb
Antimony	121-1	1.12	1.12	1.15	1.13	1.42	ppb
Arsenic	75-2	0.36	0.27	0.41	0.35	19.68	ppb
Barium	135-1	1.34	1.33	1.34	1.34	0.18	ppb
Barium	137-1	1.25	1.37	1.23	1.29	5.97	ppb
Beryllium	9-1	0.76	0.68	0.74	0.73	5.88	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	58.20	53.29	47.42	52.97	10.19	ppb
Boron	11-1	54.14	49.79	48.29	50.74	5.99	ppb
Cadmium	111-1	0.08	0.06	0.08	0.07	17.76	ppb
Cadmium	106-1	-0.55	-0.98	-0.98	-0.84		ppb
Cadmium	108-1	0.25	0.03	0.14	0.14	77.22	ppb
Calcium	43-1	499090.07	497410.65	504984.65	500495.12	0.79	ppb
Calcium	44-1	499084.94	501352.62	502404.38	500947.31	0.34	ppb
Chromium	52-2	8.66	9.10	8.99	8.92	2.59	ppb
Cobalt	59-2	1.04	1.10	1.13	1.09	3.86	ppb
Copper	63-2	2.01	2.16	2.14	2.10	3.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	246914.83	251243.14	251111.75	249756.57	0.99	ppb
Iron	57-2	248845.32	252931.23	248235.59	250004.05	1.02	ppb
Lead	206-1	1.47	1.43	1.41	1.44	2.03	ppb
Lead	207-1	1.32	1.26	1.33	1.31	2.82	ppb
Lead	208-1	1.37	1.34	1.34	1.35	1.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	491495.46	507388.98	499329.79	499404.74	1.59	ppb
Manganese	55-2	4.25	4.33	4.83	4.47	6.99	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:09:49	DataFile Name :	012CAL5_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.68	1.70	1.49	1.63	7.01	ppb
Molybdenum	95-1	2.16	2.16	2.16	2.16	0.15	ppb
Molybdenum	96-1	2.39	2.39	2.34	2.37	1.24	ppb
Molybdenum	97-1	1.99	1.93	1.84	1.92	4.06	ppb
Molybdenum	98-1	1.99	1.85	1.82	1.89	4.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.58	5.73	5.19	5.50	5.06	ppb
Phosphorus	31-2	14.64	-10.34	-10.34	-2.01		ppb
Potassium	39-2	245494.71	254159.74	250593.27	250082.57	1.74	ppb
Rhodium	103-1				94		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				83		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.20	-0.19	0.83	-0.19		ppb
Selenium	82-1	0.04	0.20	0.31	0.18	73.13	ppb
Silicon	28-1	124.62	133.99	139.77	132.80	5.76	ppb
Silver	109-1	0.08	0.07	0.09	0.08	12.81	ppb
Silver	107-1	0.07	0.09	0.08	0.08	14.28	ppb
Sodium	23-2	492957.55	504965.38	500988.22	499637.05	1.22	ppb
Strontium	86-1	33.87	33.70	33.40	33.66	0.72	ppb
Strontium	88-1	34.75	34.31	34.58	34.55	0.64	ppb
Sulfur	34-1	-997.73	-1170.10	-1163.36	-1110.40		ppb
Terbium	159-1				109		%
Terbium	159-2				95		%
Thallium	203-1	0.36	0.32	0.29	0.32	11.48	ppb
Thallium	205-1	0.32	0.29	0.33	0.31	6.25	ppb
Tin	118-1	0.82	0.72	0.79	0.77	6.85	ppb
Titanium	47-1	0.85	0.75	0.69	0.76	10.38	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	11.72	ppb
Vanadium	51-2	0.17	0.23	0.16	0.19	20.07	ppb
Yttrium	89-1				102		%
Yttrium	89-2				89		%
Zinc	66-2	4.86	4.25	4.57	4.56	6.77	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	0.64	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:09:49	DataFile Name :	012CALS_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.09	0.07	0.07	40.52	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:55:59	DataFile Name :	013ICV_P8122217MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	490.51	465.66	536.85	497.68	7.26	ppb
Antimony	121-1	193.15	197.80	192.63	194.53	1.46	ppb
Arsenic	75-2	198.89	192.35	196.21	195.82	1.68	ppb
Barium	135-1	97.51	99.92	98.64	98.69	1.22	ppb
Barium	137-1	98.42	100.79	98.28	99.16	1.42	ppb
Beryllium	9-1	104.04	99.55	100.01	101.20	2.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	481.47	489.22	502.90	491.20	2.21	ppb
Boron	11-1	485.77	494.84	507.13	495.91	2.16	ppb
Cadmium	111-1	103.73	104.14	103.01	103.62	0.55	ppb
Cadmium	106-1	163.52	165.79	164.72	164.68	0.69	ppb
Cadmium	108-1	134.11	132.76	132.76	133.21	0.58	ppb
Calcium	43-1	2106.30	2087.84	2057.23	2083.79	1.19	ppb
Calcium	44-1	1997.45	2003.84	2002.01	2001.10	0.16	ppb
Chromium	52-2	92.89	93.12	95.05	93.69	1.27	ppb
Cobalt	59-2	95.58	94.48	98.25	96.10	2.02	ppb
Copper	63-2	93.08	91.82	95.34	93.41	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	959.05	953.92	975.36	962.78	1.16	ppb
Iron	57-2	945.38	938.02	1012.65	965.35	4.26	ppb
Lead	206-1	196.41	193.42	196.24	195.36	0.86	ppb
Lead	207-1	184.47	181.17	184.57	183.40	1.05	ppb
Lead	208-1	194.51	190.42	194.27	193.07	1.19	ppb
Lithium	6-1				107		%
Magnesium	24-2	1163.12	1163.32	1206.19	1177.54	2.11	ppb
Manganese	55-2	95.90	95.05	95.86	95.61	0.50	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:55:59	DataFile Name :	013ICV_P8122217MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1166.95	1139.74	1159.08	1155.26	1.21	ppb
Molybdenum	95-1	507.45	504.75	507.63	506.61	0.32	ppb
Molybdenum	96-1	590.25	587.15	586.61	588.00	0.33	ppb
Molybdenum	97-1	485.72	488.42	486.36	486.84	0.29	ppb
Molybdenum	98-1	498.71	504.36	503.35	502.14	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.73	96.39	99.11	97.74	1.39	ppb
Phosphorus	31-2	-10.34	-10.34	-10.34	-10.34		ppb
Potassium	39-2	2013.47	1944.25	2077.80	2011.84	3.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	272.94	231.22	222.65	242.27	11.10	ppb
Selenium	78-2	221.63	197.06	208.71	209.13	5.88	ppb
Selenium	82-1	195.88	198.96	197.57	197.47	0.78	ppb
Silicon	28-1	529.53	537.61	518.50	528.54	1.82	ppb
Silver	109-1	100.49	100.13	99.39	100.00	0.56	ppb
Silver	107-1	100.38	102.12	100.79	101.10	0.90	ppb
Sodium	23-2	1935.06	1959.55	1984.31	1959.64	1.26	ppb
Strontium	86-1	492.25	491.60	496.41	493.42	0.53	ppb
Strontium	88-1	501.04	496.10	501.36	499.50	0.59	ppb
Sulfur	34-1	-165.30	-219.56	-481.60	-288.82		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	197.89	193.29	197.28	196.15	1.27	ppb
Thallium	205-1	206.56	198.35	204.12	203.01	2.08	ppb
Tin	118-1	520.87	531.65	520.14	524.22	1.23	ppb
Titanium	47-1	513.47	507.75	507.84	509.69	0.64	ppb
Uranium	238-1	483.86	479.81	481.76	481.81	0.42	ppb
Vanadium	51-2	93.31	93.26	95.87	94.15	1.59	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	190.42	190.18	192.62	191.07	0.70	ppb
Zirconium	90-1	520.78	523.26	524.44	522.83	0.36	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:55:59	DataFile Name :	013ICV_P8122217MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.94	519.14	523.07	518.05	1.09	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:59:58	DataFile Name :	014CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.14	-0.44	2.71	1.14	138.71	ppb
Antimony	121-1	0.12	0.10	0.10	0.11	11.37	ppb
Arsenic	75-2	0.00	0.06	0.00	0.02	168.59	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.05	0.10	0.08	0.08	35.23	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	15.45	12.98	11.44	13.29	15.22	ppb
Boron	11-1	14.41	13.30	12.70	13.47	6.43	ppb
Cadmium	111-1	-0.03	-0.01	0.03	0.00		ppb
Cadmium	106-1	-0.38	-0.02	0.49	0.03	1428.07	ppb
Cadmium	108-1	0.07	-0.04	0.07	0.03	195.15	ppb
Calcium	43-1	-7.64	-22.58	-10.78	-13.67		ppb
Calcium	44-1	-16.19	-21.99	-19.77	-19.31		ppb
Chromium	52-2	0.02	0.02	-0.05	-0.01		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.00	0.00	-0.03	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	0.09	0.14	-0.05	0.06	168.84	ppb
Iron	57-2	-1.46	-0.56	0.33	-0.56		ppb
Lead	206-1	0.00	-0.01	0.00	0.00	1775.44	ppb
Lead	207-1	0.02	0.00	0.01	0.01	71.28	ppb
Lead	208-1	0.01	0.01	0.01	0.01	27.59	ppb
Lithium	6-1				108		%
Magnesium	24-2	-4.02	-3.35	-4.68	-4.01		ppb
Manganese	55-2	0.09	0.04	0.04	0.06	48.06	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:59:58	DataFile Name :	014CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.06	0.03	62.71	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	71.37	ppb
Molybdenum	96-1	0.05	0.03	0.05	0.04	32.47	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	0.68	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	18.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.26	-0.20	-0.24		ppb
Phosphorus	31-2	-10.34	-10.34	-10.34	-10.34		ppb
Potassium	39-2	8.02	3.02	-8.05	1.00	823.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.20	-1.20	-0.29	-0.89		ppb
Selenium	82-1	0.24	0.02	-0.62	-0.12		ppb
Silicon	28-1	-20.39	-25.45	-22.72	-22.85		ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.08	ppb
Silver	107-1	0.01	0.01	0.00	0.01	69.35	ppb
Sodium	23-2	-6.07	4.48	3.68	0.70	844.50	ppb
Strontium	86-1	-0.08	-0.09	-0.01	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	26.10	ppb
Sulfur	34-1	-441.72	-750.78	-667.24	-619.91		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.00	0.02	0.02	88.71	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	17.69	ppb
Tin	118-1	0.02	0.06	0.04	0.04	49.10	ppb
Titanium	47-1	-0.04	-0.04	0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1641.87	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1.78	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	0.00	0.06	0.03	0.03	85.44	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	68.45	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:59:58	DataFile Name :	014CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	1.89	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:03:07	DataFile Name :	015ICSA_P8122217MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104826.07	96005.67	92843.05	97891.60	6.34	ppb
Antimony	121-1	1.10	1.20	1.14	1.15	4.10	ppb
Arsenic	75-2	0.17	0.32	0.27	0.25	30.90	ppb
Barium	135-1	1.45	1.57	1.51	1.51	4.05	ppb
Barium	137-1	1.56	1.58	1.43	1.52	5.54	ppb
Beryllium	9-1	0.25	0.32	0.33	0.30	14.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				93		%
Boron	10-1	10.49	9.37	10.30	10.05	5.98	ppb
Boron	11-1	10.32	9.71	9.01	9.68	6.77	ppb
Cadmium	111-1	0.15	0.26	0.23	0.21	28.32	ppb
Cadmium	106-1	-1.31	-0.97	-0.38	-0.89		ppb
Cadmium	108-1	8.38	7.27	7.98	7.88	7.17	ppb
Calcium	43-1	98182.23	97692.80	97362.15	97745.73	0.42	ppb
Calcium	44-1	96436.42	95709.00	95528.25	95891.22	0.50	ppb
Chromium	52-2	22.30	19.99	19.59	20.63	7.09	ppb
Cobalt	59-2	1.24	1.12	0.98	1.12	11.66	ppb
Copper	63-2	8.06	7.46	7.43	7.65	4.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	107880.89	100082.33	96127.02	101363.41	5.90	ppb
Iron	57-2	106375.33	97682.15	95093.16	99716.88	5.93	ppb
Lead	206-1	4.95	5.03	5.03	5.00	0.97	ppb
Lead	207-1	4.34	4.20	4.24	4.26	1.64	ppb
Lead	208-1	4.52	4.46	4.52	4.50	0.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	110732.63	101239.47	98607.89	103526.66	6.16	ppb
Manganese	55-2	8.22	7.82	7.60	7.88	3.99	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:03:07	DataFile Name :	015ICSA_P8122217MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1366.35	1362.60	1368.94	1365.96	0.23	ppb
Molybdenum	95-1	1942.60	1928.50	1937.74	1936.28	0.37	ppb
Molybdenum	96-1	1869.80	1862.82	1864.12	1865.58	0.20	ppb
Molybdenum	97-1	1967.59	1958.27	1962.24	1962.70	0.24	ppb
Molybdenum	98-1	1980.92	1928.70	1935.26	1948.30	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.25	4.61	4.88	4.91	6.55	ppb
Phosphorus	31-2	111822.64	101824.46	99205.79	104284.30	6.38	ppb
Potassium	39-2	112223.37	102673.57	100897.30	105264.75	5.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.94	-1.20	-0.26	0.49	440.60	ppb
Selenium	82-1	0.00	-0.51	-0.15	-0.22		ppb
Silicon	28-1	21.14	16.17	16.53	17.95	15.42	ppb
Silver	109-1	0.05	0.06	0.05	0.05	5.06	ppb
Silver	107-1	0.08	0.07	0.08	0.08	10.42	ppb
Sodium	23-2	110824.04	101741.03	97575.02	103380.03	6.55	ppb
Strontium	86-1	34.00	33.65	33.70	33.79	0.56	ppb
Strontium	88-1	34.38	34.30	34.04	34.24	0.51	ppb
Sulfur	34-1	79220.86	78331.86	78728.43	78760.39	0.57	ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	0.11	0.07	0.11	0.10	20.02	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	3.58	ppb
Tin	118-1	0.31	0.27	0.23	0.27	14.80	ppb
Titanium	47-1	2011.95	2035.83	2000.49	2016.09	0.89	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	25.28	ppb
Vanadium	51-2	0.15	0.18	0.12	0.15	18.27	ppb
Yttrium	89-1				104		%
Yttrium	89-2				92		%
Zinc	66-2	13.36	11.61	12.23	12.40	7.15	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	14.38	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:03:07	DataFile Name :	015ICSA_P8122217MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.10	0.02	0.05	95.23	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:06:12	DataFile Name :	016ICSB_P8122217MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93186.71	92314.79	91563.29	92354.93	0.88	ppb
Antimony	121-1	21.01	20.53	20.78	20.77	1.16	ppb
Arsenic	75-2	19.65	19.42	19.14	19.40	1.32	ppb
Barium	135-1	21.72	21.76	21.65	21.71	0.24	ppb
Barium	137-1	21.93	20.98	21.43	21.45	2.21	ppb
Beryllium	9-1	21.08	21.18	21.31	21.19	0.54	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	67.67	67.95	71.98	69.20	3.48	ppb
Boron	11-1	68.99	72.21	69.17	70.12	2.58	ppb
Cadmium	111-1	21.03	20.15	20.15	20.45	2.49	ppb
Cadmium	106-1	23.51	25.72	28.57	25.93	9.79	ppb
Cadmium	108-1	30.60	30.63	30.59	30.61	0.08	ppb
Calcium	43-1	96136.93	95635.04	95205.65	95659.21	0.49	ppb
Calcium	44-1	95153.62	94511.40	94839.82	94834.95	0.34	ppb
Chromium	52-2	39.32	38.67	38.19	38.73	1.47	ppb
Cobalt	59-2	20.56	20.44	20.33	20.45	0.57	ppb
Copper	63-2	26.44	25.88	26.28	26.20	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	97104.99	96541.47	95394.79	96347.08	0.90	ppb
Iron	57-2	95231.20	94791.78	93672.87	94565.28	0.85	ppb
Lead	206-1	24.98	24.69	24.94	24.87	0.63	ppb
Lead	207-1	23.14	22.59	22.92	22.88	1.21	ppb
Lead	208-1	23.65	23.25	23.45	23.45	0.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	100342.27	98915.78	98087.42	99115.16	1.15	ppb
Manganese	55-2	27.66	26.63	26.77	27.02	2.05	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:06:12	DataFile Name :	016ICSB_P8122217MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1473.93	1447.62	1459.51	1460.35	0.90	ppb
Molybdenum	95-1	1960.09	1911.83	1929.91	1933.94	1.26	ppb
Molybdenum	96-1	1894.35	1877.70	1887.90	1886.65	0.44	ppb
Molybdenum	97-1	1974.08	1911.27	1945.09	1943.48	1.62	ppb
Molybdenum	98-1	1944.90	1925.10	1929.48	1933.16	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.10	24.17	23.18	23.82	2.33	ppb
Phosphorus	31-2	98494.58	98398.04	95980.28	97624.30	1.46	ppb
Potassium	39-2	99552.85	100300.84	98440.69	99431.46	0.94	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	34.51	28.85	23.18	28.85	19.64	ppb
Selenium	78-2	18.28	21.13	27.78	22.40	21.76	ppb
Selenium	82-1	19.27	19.04	18.39	18.90	2.41	ppb
Silicon	28-1	102.03	99.87	100.24	100.71	1.15	ppb
Silver	109-1	19.00	18.83	18.70	18.84	0.79	ppb
Silver	107-1	19.48	19.10	19.30	19.29	1.00	ppb
Sodium	23-2	100163.83	97805.87	96730.06	98233.26	1.79	ppb
Strontium	86-1	89.73	89.47	90.37	89.86	0.52	ppb
Strontium	88-1	93.93	93.96	92.73	93.54	0.75	ppb
Sulfur	34-1	77973.20	77957.32	77642.25	77857.59	0.24	ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	19.91	19.97	20.13	20.00	0.58	ppb
Thallium	205-1	20.03	19.72	20.20	19.98	1.24	ppb
Tin	118-1	59.67	58.50	59.69	59.29	1.15	ppb
Titanium	47-1	2065.50	2019.02	2057.69	2047.40	1.22	ppb
Uranium	238-1	58.20	56.75	58.45	57.80	1.58	ppb
Vanadium	51-2	19.69	19.42	18.64	19.25	2.84	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	30.07	31.10	31.37	30.85	2.23	ppb
Zirconium	90-1	61.11	60.65	61.15	60.97	0.45	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:06:12	DataFile Name :	016ICSB_P8122217MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	61.43	60.64	61.42	61.16	0.74	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:15:22	DataFile Name :	019CCV_P8122217MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50413.68	51039.62	50299.28	50584.19	0.79	ppb
Antimony	121-1	508.66	506.69	506.56	507.30	0.23	ppb
Arsenic	75-2	489.88	501.26	507.57	499.57	1.79	ppb
Barium	135-1	2556.75	2545.44	2590.00	2564.06	0.90	ppb
Barium	137-1	2525.53	2512.33	2544.86	2527.57	0.65	ppb
Beryllium	9-1	528.83	523.73	520.80	524.45	0.78	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	515.31	526.41	533.07	524.93	1.71	ppb
Boron	11-1	515.76	522.81	538.16	525.57	2.18	ppb
Cadmium	111-1	494.28	493.82	498.87	495.66	0.56	ppb
Cadmium	106-1	489.55	497.95	496.66	494.72	0.91	ppb
Cadmium	108-1	495.15	499.32	495.20	496.56	0.48	ppb
Calcium	43-1	241954.42	240106.25	241361.19	241140.62	0.39	ppb
Calcium	44-1	240313.34	240002.17	239999.64	240105.05	0.08	ppb
Chromium	52-2	494.35	498.10	494.46	495.64	0.43	ppb
Cobalt	59-2	474.29	477.79	478.20	476.76	0.45	ppb
Copper	63-2	925.49	928.19	922.43	925.37	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	121269.78	121491.95	121667.84	121476.52	0.16	ppb
Iron	57-2	120774.18	121526.60	122191.70	121497.49	0.58	ppb
Lead	206-1	509.53	512.00	511.66	511.06	0.26	ppb
Lead	207-1	504.94	513.71	506.66	508.43	0.91	ppb
Lead	208-1	506.59	516.25	508.37	510.40	1.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	243596.29	246077.40	245822.31	245165.33	0.56	ppb
Manganese	55-2	989.04	988.90	976.82	984.92	0.71	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:15:22	DataFile Name :	019CCV_P8122217MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2533.37	2523.86	2499.92	2519.05	0.68	ppb
Molybdenum	95-1	2522.40	2481.81	2481.32	2495.18	0.94	ppb
Molybdenum	96-1	2529.53	2503.82	2470.36	2501.24	1.19	ppb
Molybdenum	97-1	2516.83	2527.34	2507.28	2517.15	0.40	ppb
Molybdenum	98-1	2519.66	2514.96	2467.45	2500.69	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.91	477.38	478.56	476.95	0.39	ppb
Phosphorus	31-2	9685.20	10934.34	9354.28	9991.27	8.34	ppb
Potassium	39-2	126433.90	128187.35	127037.14	127219.46	0.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	77-2	454.93	565.68	549.51	523.37	11.43	ppb
Selenium	78-2	493.53	456.82	559.09	503.15	10.30	ppb
Selenium	82-1	491.23	496.67	489.61	492.50	0.75	ppb
Silicon	28-1	520.89	532.62	525.25	526.25	1.13	ppb
Silver	109-1	506.03	500.86	499.46	502.12	0.69	ppb
Silver	107-1	503.11	503.86	510.45	505.81	0.80	ppb
Sodium	23-2	247193.37	248686.62	247062.57	247647.52	0.36	ppb
Strontium	86-1	516.21	513.17	511.37	513.58	0.48	ppb
Strontium	88-1	514.34	515.76	515.18	515.09	0.14	ppb
Sulfur	34-1	8934.06	8877.28	8749.20	8853.51	1.07	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	509.70	520.44	512.21	514.11	1.09	ppb
Thallium	205-1	504.82	515.65	510.11	510.19	1.06	ppb
Tin	118-1	516.03	509.87	512.23	512.71	0.61	ppb
Titanium	47-1	2551.42	2526.21	2512.03	2529.89	0.79	ppb
Uranium	238-1	504.37	519.60	511.01	511.66	1.49	ppb
Vanadium	51-2	488.41	495.46	492.73	492.20	0.72	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	944.10	938.98	945.79	942.96	0.38	ppb
Zirconium	90-1	505.41	510.53	508.61	508.18	0.51	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:15:22	DataFile Name :	019CCV_P8122217MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.80	502.90	502.38	502.02	0.22	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:18:22	DataFile Name :	020CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.81	-0.35	6.25	2.90	113.81	ppb
Antimony	121-1	0.24	0.28	0.29	0.27	9.80	ppb
Arsenic	75-2	0.04	0.02	0.07	0.04	48.85	ppb
Barium	135-1	0.04	0.09	0.06	0.06	40.80	ppb
Barium	137-1	0.05	0.05	0.04	0.05	6.13	ppb
Beryllium	9-1	0.37	0.36	0.29	0.34	13.28	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	18.19	15.79	18.79	17.59	9.03	ppb
Boron	11-1	19.19	17.27	16.89	17.78	6.95	ppb
Cadmium	111-1	-0.04	-0.11	-0.06	-0.07		ppb
Cadmium	106-1	-0.99	-1.87	-0.99	-1.28		ppb
Cadmium	108-1	0.00	-0.04	0.00	-0.02		ppb
Calcium	43-1	-12.79	-0.68	-14.43	-9.30		ppb
Calcium	44-1	-8.62	-10.65	-10.64	-9.97		ppb
Chromium	52-2	0.00	0.04	-0.06	0.00		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	43.49	ppb
Copper	63-2	0.03	0.05	0.04	0.04	23.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	8.09	7.83	7.71	7.88	2.43	ppb
Iron	57-2	5.46	11.96	4.79	7.40	53.49	ppb
Lead	206-1	0.06	0.07	0.09	0.07	23.94	ppb
Lead	207-1	0.09	0.11	0.08	0.09	16.53	ppb
Lead	208-1	0.09	0.09	0.08	0.09	7.38	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.08	0.87	-0.62	0.05	1385.98	ppb
Manganese	55-2	0.08	0.03	-0.09	0.01	1031.89	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:18:22	DataFile Name :	020CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.23	0.22	0.22	5.11	ppb
Molybdenum	95-1	0.22	0.21	0.25	0.23	9.84	ppb
Molybdenum	96-1	0.27	0.21	0.25	0.24	11.17	ppb
Molybdenum	97-1	0.17	0.22	0.23	0.20	13.97	ppb
Molybdenum	98-1	0.27	0.26	0.22	0.25	11.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.47	-0.29	-0.32		ppb
Phosphorus	31-2	-10.34	12.93	-10.34	-2.58		ppb
Potassium	39-2	21.62	24.23	26.48	24.11	10.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	77-2	0.00	5.81	0.00	1.94	173.21	ppb
Selenium	78-2	-0.26	0.68	0.69	0.37	148.82	ppb
Selenium	82-1	0.18	-0.11	0.57	0.21	160.40	ppb
Silicon	28-1	-29.84	-29.59	-31.03	-30.16		ppb
Silver	109-1	0.04	0.03	0.03	0.03	24.07	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.67	ppb
Sodium	23-2	34.84	40.04	26.31	33.73	20.55	ppb
Strontium	86-1	-0.02	-0.03	-0.01	-0.02		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	29.20	ppb
Sulfur	34-1	-1735.86	-1565.23	-1617.05	-1639.38		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.13	0.12	0.13	4.50	ppb
Thallium	205-1	0.13	0.13	0.12	0.12	2.41	ppb
Tin	118-1	0.07	0.08	0.08	0.08	7.20	ppb
Titanium	47-1	0.06	0.17	0.04	0.09	76.30	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.01	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	41.97	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	0.20	0.12	0.32	0.21	46.09	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.27	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:18:22	DataFile Name :	020CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.04	0.03	62.67	ppb

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:21:30 DataFile Name : 021SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.30	16.10	16.07	18.16	19.74	ppb
Antimony	121-1	1.97	2.03	2.03	2.01	1.70	ppb
Arsenic	75-2	1.12	0.98	0.94	1.02	9.43	ppb
Barium	135-1	9.42	9.50	9.31	9.41	1.00	ppb
Barium	137-1	9.47	9.12	9.21	9.27	2.00	ppb
Beryllium	9-1	1.27	1.13	1.08	1.16	8.63	ppb
Bismuth	209-1				109		%
Bismuth	209-2				96		%
Boron	10-1	31.11	32.01	31.31	31.48	1.51	ppb
Boron	11-1	30.60	30.12	32.33	31.02	3.75	ppb
Cadmium	111-1	0.90	0.85	0.74	0.83	9.40	ppb
Cadmium	106-1	-0.46	-0.60	-1.60	-0.88		ppb
Cadmium	108-1	0.58	0.92	0.92	0.81	24.47	ppb
Calcium	43-1	428.46	424.49	438.79	430.58	1.71	ppb
Calcium	44-1	430.90	437.88	441.16	436.65	1.20	ppb
Chromium	52-2	2.36	1.79	2.04	2.06	13.84	ppb
Cobalt	59-2	1.13	0.94	0.95	1.00	10.62	ppb
Copper	63-2	2.28	1.90	1.94	2.04	10.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	59.88	51.63	51.63	54.38	8.76	ppb
Iron	57-2	49.63	54.47	52.98	52.36	4.73	ppb
Lead	206-1	1.05	0.99	0.98	1.01	3.48	ppb
Lead	207-1	0.92	0.99	1.01	0.97	5.07	ppb
Lead	208-1	1.01	1.00	1.00	1.00	0.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	516.67	460.80	465.57	481.01	6.44	ppb
Manganese	55-2	1.44	1.24	1.20	1.29	9.84	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:21:30	DataFile Name :	021SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.74	4.86	4.68	4.76	1.85	ppb
Molybdenum	95-1	4.55	4.82	4.77	4.72	3.09	ppb
Molybdenum	96-1	4.68	4.82	4.65	4.71	1.87	ppb
Molybdenum	97-1	4.63	4.70	4.48	4.60	2.40	ppb
Molybdenum	98-1	4.57	4.75	4.57	4.63	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.60	0.69	0.74	23.67	ppb
Phosphorus	31-2	-10.34	12.69	58.68	20.34	172.74	ppb
Potassium	39-2	568.66	466.36	446.39	493.80	13.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				88		%
Selenium	77-2	13.32	5.85	29.25	16.14	74.07	ppb
Selenium	78-2	3.10	6.35	5.40	4.95	33.78	ppb
Selenium	82-1	2.63	4.69	3.74	3.69	27.86	ppb
Silicon	28-1	-10.80	-9.86	-12.00	-10.89		ppb
Silver	109-1	0.97	0.96	1.00	0.97	2.14	ppb
Silver	107-1	0.96	0.97	1.01	0.98	2.46	ppb
Sodium	23-2	599.04	483.42	479.68	520.71	13.03	ppb
Strontium	86-1	0.92	0.99	0.92	0.94	4.54	ppb
Strontium	88-1	0.94	0.99	0.97	0.97	2.37	ppb
Sulfur	34-1	-1468.81	-1546.72	-1474.65	-1496.72		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	1.06	1.01	0.95	1.01	5.15	ppb
Thallium	205-1	1.00	0.98	0.96	0.98	2.40	ppb
Tin	118-1	4.91	4.87	4.66	4.81	2.87	ppb
Titanium	47-1	5.32	4.73	4.88	4.98	6.17	ppb
Uranium	238-1	0.86	0.91	0.87	0.88	2.69	ppb
Vanadium	51-2	5.46	4.64	4.46	4.85	11.02	ppb
Yttrium	89-1				103		%
Yttrium	89-2				91		%
Zinc	66-2	3.45	1.80	2.43	2.56	32.55	ppb
Zirconium	90-1	0.96	0.99	1.00	0.98	2.22	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:21:30	DataFile Name :	021SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.93	1.07	1.00	1.00	7.18	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:24:38	DataFile Name :	022CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.06	-2.02	-2.02	0.67	690.96	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	7.02	ppb
Arsenic	75-2	0.04	0.12	-0.02	0.05	147.43	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.01	-0.01	0.00		ppb
Beryllium	9-1	0.25	0.16	0.15	0.19	28.89	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	6.61	7.34	9.13	7.69	16.80	ppb
Boron	11-1	6.98	7.46	6.94	7.13	4.02	ppb
Cadmium	111-1	-0.08	-0.05	-0.02	-0.05		ppb
Cadmium	106-1	-1.08	-0.56	-0.30	-0.65		ppb
Cadmium	108-1	0.07	-0.01	-0.04	0.01	805.55	ppb
Calcium	43-1	-17.48	-21.14	-21.55	-20.05		ppb
Calcium	44-1	-20.62	-19.64	-19.71	-19.99		ppb
Chromium	52-2	-0.06	-0.09	0.07	-0.03		ppb
Cobalt	59-2	0.03	-0.01	0.01	0.01	225.99	ppb
Copper	63-2	0.04	-0.01	0.00	0.01	246.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	5.84	1.95	2.68	3.49	59.30	ppb
Iron	57-2	6.42	1.70	0.85	2.99	100.32	ppb
Lead	206-1	0.02	0.02	0.06	0.03	63.06	ppb
Lead	207-1	0.05	0.05	0.03	0.04	25.65	ppb
Lead	208-1	0.04	0.04	0.04	0.04	9.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	-2.02	-2.02	-3.49	-2.51		ppb
Manganese	55-2	0.01	-0.02	0.01	0.00	3829.69	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:24:38	DataFile Name :	022CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.06	0.00	0.03	123.60	ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	40.48	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	21.98	ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	58.08	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	22.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.43	-0.31	-0.33		ppb
Phosphorus	31-2	12.24	-10.34	12.03	4.64	279.51	ppb
Potassium	39-2	2.54	12.53	17.67	10.91	70.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.27	-1.20	-1.20	-0.89		ppb
Selenium	82-1	-0.26	-0.66	-0.30	-0.41		ppb
Silicon	28-1	-36.68	-34.11	-33.85	-34.88		ppb
Silver	109-1	0.01	0.01	0.01	0.01	39.86	ppb
Silver	107-1	0.01	0.00	0.01	0.01	69.81	ppb
Sodium	23-2	22.31	-8.59	12.03	8.58	183.36	ppb
Strontium	86-1	-0.05	-0.04	-0.07	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	542.15	ppb
Sulfur	34-1	-1822.17	-1580.79	-1728.27	-1710.41		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.05	0.02	0.03	49.70	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	21.47	ppb
Tin	118-1	0.08	0.02	0.06	0.05	65.31	ppb
Titanium	47-1	-0.02	-0.07	-0.04	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	96.49	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	-0.05	-0.02	0.06	0.00		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	74.54	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:24:38	DataFile Name :	022CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:28:55	DataFile Name :	023LCSE_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.30	55.20	39.82	41.11	32.83	ppb
Antimony	121-1	4.47	3.81	3.88	4.05	8.84	ppb
Arsenic	75-2	1.73	1.94	1.99	1.89	7.13	ppb
Barium	135-1	22.17	18.65	18.91	19.91	9.86	ppb
Barium	137-1	22.34	19.15	18.99	20.16	9.37	ppb
Beryllium	9-1	2.46	1.84	2.19	2.17	14.41	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	56.67	53.55	55.56	55.26	2.86	ppb
Boron	11-1	57.47	49.81	51.60	52.96	7.57	ppb
Cadmium	111-1	2.12	1.92	1.86	1.97	7.07	ppb
Cadmium	106-1	1.35	1.93	0.60	1.29	51.74	ppb
Cadmium	108-1	2.78	1.86	1.91	2.18	23.76	ppb
Calcium	43-1	1098.39	928.55	864.57	963.84	12.54	ppb
Calcium	44-1	1039.06	895.07	892.08	942.07	8.92	ppb
Chromium	52-2	4.18	3.95	4.12	4.09	2.95	ppb
Cobalt	59-2	1.82	1.95	1.83	1.87	3.84	ppb
Copper	63-2	3.63	3.80	3.85	3.76	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	464.45	461.71	468.54	464.90	0.74	ppb
Iron	57-2	456.67	449.40	472.92	459.66	2.62	ppb
Lead	206-1	2.30	1.88	1.94	2.04	11.12	ppb
Lead	207-1	2.17	1.87	1.90	1.98	8.35	ppb
Lead	208-1	2.23	1.89	1.90	2.01	9.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	933.69	930.88	953.03	939.20	1.28	ppb
Manganese	55-2	1.99	1.92	1.86	1.92	3.38	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:28:55	DataFile Name :	023LCSE_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	11.16	9.60	9.83	10.20	8.26	ppb
Molybdenum	95-1	10.86	9.34	9.40	9.87	8.74	ppb
Molybdenum	96-1	10.73	9.18	9.33	9.74	8.80	ppb
Molybdenum	97-1	10.80	9.50	8.94	9.75	9.80	ppb
Molybdenum	98-1	10.69	9.33	9.33	9.78	8.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.70	1.79	1.61	1.70	5.31	ppb
Phosphorus	31-2	-10.34	34.13	-10.34	4.48	572.67	ppb
Potassium	39-2	956.68	920.52	967.37	948.19	2.59	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	16.95	0.00	17.20	11.38	86.61	ppb
Selenium	78-2	13.38	4.34	11.75	9.82	49.01	ppb
Selenium	82-1	11.17	9.28	9.35	9.93	10.82	ppb
Silicon	28-1	32.96	7.32	0.83	13.71	123.94	ppb
Silver	109-1	2.26	1.98	1.99	2.08	7.57	ppb
Silver	107-1	2.42	2.01	2.03	2.16	10.66	ppb
Sodium	23-2	958.85	951.77	966.20	958.94	0.75	ppb
Strontium	86-1	2.24	1.92	1.89	2.01	9.64	ppb
Strontium	88-1	2.32	1.89	1.95	2.05	11.29	ppb
Sulfur	34-1	787.17	-1447.96	-2064.70	-908.50		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	2.22	1.90	1.89	2.00	9.49	ppb
Thallium	205-1	2.17	1.92	1.84	1.98	8.79	ppb
Tin	118-1	11.25	9.88	9.39	10.17	9.46	ppb
Titanium	47-1	11.55	9.84	8.95	10.11	13.10	ppb
Uranium	238-1	2.10	1.78	1.79	1.89	9.72	ppb
Vanadium	51-2	9.51	9.28	9.46	9.42	1.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	3.74	4.34	4.07	4.05	7.47	ppb
Zirconium	90-1	2.32	1.93	2.00	2.08	10.06	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:28:55	DataFile Name :	023LCSE_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.21	1.92	1.85	1.99	9.67	ppb

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6754-10 Instrumnet Name : P8
 Client Sample ID : MA4ZB7 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:32:03 DataFile Name : 024SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123.54	109.17	87.72	106.81	16.88	ppb
Antimony	121-1	0.75	0.75	0.72	0.74	2.48	ppb
Arsenic	75-2	1.95	1.95	2.36	2.09	11.35	ppb
Barium	135-1	10.24	10.13	10.41	10.26	1.36	ppb
Barium	137-1	11.53	10.10	10.49	10.70	6.90	ppb
Beryllium	9-1	0.11	0.14	0.16	0.14	17.01	ppb
Bismuth	209-1				80		%
Bismuth	209-2				79		%
Boron	10-1	4095.16	4220.94	4295.84	4203.98	2.41	ppb
Boron	11-1	4454.32	4491.80	4633.25	4526.46	2.08	ppb
Cadmium	111-1	0.12	0.28	0.13	0.18	49.65	ppb
Cadmium	106-1	-0.43	1.56	-0.40	0.25	463.22	ppb
Cadmium	108-1	0.28	0.38	0.44	0.37	21.51	ppb
Calcium	43-1	303598.66	303475.76	305113.88	304062.77	0.30	ppb
Calcium	44-1	301052.02	302128.86	301500.03	301560.30	0.18	ppb
Chromium	52-2	0.72	0.82	0.69	0.74	8.87	ppb
Cobalt	59-2	0.09	0.10	0.09	0.09	6.20	ppb
Copper	63-2	2.40	2.35	2.39	2.38	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	56-2	175.66	177.94	180.04	177.88	1.23	ppb
Iron	57-2	179.20	186.28	218.05	194.51	10.64	ppb
Lead	206-1	0.95	0.92	0.90	0.92	2.86	ppb
Lead	207-1	0.92	0.86	0.89	0.89	3.28	ppb
Lead	208-1	0.95	0.90	0.88	0.91	4.06	ppb
Lithium	6-1				80		%
Magnesium	24-2	957756.66	972298.29	980002.31	970019.09	1.16	ppb
Manganese	55-2	16.72	16.92	17.65	17.10	2.85	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZB7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:32:03	DataFile Name :	024SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.68	5.92	6.05	5.88	3.21	ppb
Molybdenum	95-1	8.04	8.30	8.19	8.17	1.60	ppb
Molybdenum	96-1	7.67	7.75	7.74	7.72	0.59	ppb
Molybdenum	97-1	9.17	9.04	9.02	9.08	0.91	ppb
Molybdenum	98-1	8.13	7.89	8.06	8.03	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.40	0.46	0.47	15.84	ppb
Phosphorus	31-2	169.80	126.88	103.78	133.49	25.10	ppb
Potassium	39-2	309158.42	310928.55	317277.13	312454.70	1.37	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.76	2.76	1.77	2.43	23.63	ppb
Selenium	82-1	-23.93	-22.20	-21.53	-22.55		ppb
Silicon	28-1	1587.36	1493.75	1564.54	1548.55	3.15	ppb
Silver	109-1	0.23	0.24	0.22	0.23	5.37	ppb
Silver	107-1	0.25	0.23	0.25	0.24	5.45	ppb
Sodium	23-2	8129287.90	8256729.85	8330411.48	8238809.74	1.24	ppb
Strontium	86-1	5648.86	5643.95	5692.31	5661.70	0.47	ppb
Strontium	88-1	5689.65	5741.35	5776.51	5735.84	0.76	ppb
Sulfur	34-1	601844.06	601245.93	609337.33	604142.44	0.75	ppb
Terbium	159-1				88		%
Terbium	159-2				90		%
Thallium	203-1	0.15	0.12	0.10	0.12	19.48	ppb
Thallium	205-1	0.16	0.14	0.12	0.14	12.71	ppb
Tin	118-1	0.35	0.40	0.41	0.39	8.92	ppb
Titanium	47-1	16.68	18.20	13.61	16.16	14.47	ppb
Uranium	238-1	2.49	2.52	2.50	2.50	0.64	ppb
Vanadium	51-2	2.52	2.17	2.35	2.35	7.48	ppb
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	3.44	3.47	3.44	3.45	0.54	ppb
Zirconium	90-1	0.07	0.09	0.09	0.08	9.88	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZB7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:32:03	DataFile Name :	024SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.10	0.07	0.08	19.19	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:35:11	DataFile Name :	025SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.14	72.28	90.99	81.80	11.44	ppb
Antimony	121-1	0.64	0.66	0.62	0.64	3.23	ppb
Arsenic	75-2	1.82	1.64	1.88	1.78	6.84	ppb
Barium	135-1	10.70	11.38	10.70	10.93	3.59	ppb
Barium	137-1	11.32	10.88	10.94	11.05	2.14	ppb
Beryllium	9-1	0.19	0.09	0.16	0.15	34.75	ppb
Bismuth	209-1				73		%
Bismuth	209-2				80		%
Boron	10-1	4073.08	4130.55	4156.99	4120.21	1.04	ppb
Boron	11-1	4379.61	4416.97	4519.01	4438.53	1.63	ppb
Cadmium	111-1	0.05	0.11	0.06	0.07	48.59	ppb
Cadmium	106-1	-0.37	0.87	-0.32	0.06	1170.94	ppb
Cadmium	108-1	0.12	0.31	0.16	0.20	50.58	ppb
Calcium	43-1	301974.11	300417.24	300347.03	300912.79	0.31	ppb
Calcium	44-1	298528.52	298433.63	296109.70	297690.62	0.46	ppb
Chromium	52-2	0.64	0.55	0.67	0.62	9.87	ppb
Cobalt	59-2	0.06	0.11	0.09	0.09	29.72	ppb
Copper	63-2	2.34	2.35	2.37	2.35	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				91		%
Indium	115-1				83		%
Indium	115-2				88		%
Iron	56-2	146.37	149.00	152.68	149.35	2.12	ppb
Iron	57-2	151.62	145.26	135.90	144.26	5.48	ppb
Lead	206-1	0.74	0.69	0.66	0.70	5.37	ppb
Lead	207-1	0.68	0.68	0.59	0.65	7.77	ppb
Lead	208-1	0.68	0.65	0.62	0.65	4.24	ppb
Lithium	6-1				81		%
Magnesium	24-2	948463.16	931488.69	949966.76	943306.20	1.09	ppb
Manganese	55-2	14.67	13.78	14.15	14.20	3.14	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:35:11	DataFile Name :	025SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.85	5.76	5.68	5.76	1.52	ppb
Molybdenum	95-1	8.36	8.27	8.17	8.27	1.10	ppb
Molybdenum	96-1	7.70	7.61	7.86	7.73	1.64	ppb
Molybdenum	97-1	8.92	8.97	9.09	8.99	1.01	ppb
Molybdenum	98-1	7.97	8.07	8.18	8.07	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.39	0.24	0.30	26.31	ppb
Phosphorus	31-2	55.06	97.92	144.03	99.00	44.94	ppb
Potassium	39-2	304179.09	303463.19	311177.94	306273.40	1.39	ppb
Rhodium	103-1				79		%
Rhodium	103-2				82		%
Scandium	45-1				92		%
Scandium	45-2				97		%
Selenium	77-2	0.00	5.96	11.81	5.92	99.69	ppb
Selenium	78-2	3.62	-1.20	-0.25	0.73	351.56	ppb
Selenium	82-1	1.67	-2.16	-3.73	-1.41		ppb
Silicon	28-1	1533.10	1522.08	1503.76	1519.65	0.98	ppb
Silver	109-1	0.13	0.11	0.10	0.12	13.71	ppb
Silver	107-1	0.13	0.14	0.15	0.14	6.42	ppb
Sodium	23-2	8013228.67	8031515.13	8073635.87	8039459.89	0.39	ppb
Strontium	86-1	5689.40	5600.17	5731.50	5673.69	1.18	ppb
Strontium	88-1	5772.85	5678.64	5767.22	5739.57	0.92	ppb
Sulfur	34-1	612687.28	610877.44	608169.31	610578.01	0.37	ppb
Terbium	159-1				83		%
Terbium	159-2				92		%
Thallium	203-1	0.03	0.03	0.05	0.04	38.35	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	15.55	ppb
Tin	118-1	0.41	0.32	0.31	0.35	16.37	ppb
Titanium	47-1	9.43	9.23	9.01	9.22	2.25	ppb
Uranium	238-1	2.48	2.47	2.47	2.47	0.18	ppb
Vanadium	51-2	1.97	2.38	2.30	2.22	9.78	ppb
Yttrium	89-1				88		%
Yttrium	89-2				93		%
Zinc	66-2	4.02	3.86	3.50	3.79	6.93	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	24.89	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:35:11	DataFile Name :	025SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.08	0.07	13.58	ppb

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6754-14 Instrumnet Name : P8
 Client Sample ID : MA4ZB9 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:38:20 DataFile Name : 026SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.11	147.90	140.12	140.38	5.27	ppb
Antimony	121-1	0.60	0.67	0.68	0.65	6.83	ppb
Arsenic	75-2	1.91	2.14	1.84	1.96	8.08	ppb
Barium	135-1	10.72	10.90	10.79	10.81	0.84	ppb
Barium	137-1	10.76	10.43	10.68	10.62	1.59	ppb
Beryllium	9-1	0.18	0.11	0.11	0.13	28.49	ppb
Bismuth	209-1				71		%
Bismuth	209-2				77		%
Boron	10-1	4330.34	4239.83	4339.92	4303.36	1.28	ppb
Boron	11-1	4667.91	4570.78	4634.93	4624.54	1.07	ppb
Cadmium	111-1	0.10	0.07	0.17	0.12	42.46	ppb
Cadmium	106-1	0.99	0.63	1.19	0.94	30.56	ppb
Cadmium	108-1	0.37	0.27	-0.08	0.18	127.82	ppb
Calcium	43-1	309940.31	299676.04	298386.52	302667.62	2.09	ppb
Calcium	44-1	308641.90	301711.11	297935.87	302762.96	1.79	ppb
Chromium	52-2	1.02	1.10	1.09	1.07	3.61	ppb
Cobalt	59-2	0.09	0.10	0.11	0.10	9.08	ppb
Copper	63-2	3.31	3.40	3.76	3.49	6.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				88		%
Indium	115-1				82		%
Indium	115-2				87		%
Iron	56-2	235.12	251.49	268.08	251.57	6.55	ppb
Iron	57-2	260.52	254.23	265.05	259.93	2.09	ppb
Lead	206-1	1.29	1.24	1.25	1.26	2.00	ppb
Lead	207-1	1.18	1.18	1.10	1.15	4.21	ppb
Lead	208-1	1.22	1.16	1.16	1.18	2.71	ppb
Lithium	6-1				79		%
Magnesium	24-2	930409.74	967044.16	1056728.36	984727.42	6.60	ppb
Manganese	55-2	19.56	20.31	21.99	20.62	6.04	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZB9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:38:20	DataFile Name :	026SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.91	5.78	5.52	5.74	3.48	ppb
Molybdenum	95-1	8.07	8.23	8.00	8.10	1.52	ppb
Molybdenum	96-1	7.95	7.68	7.58	7.73	2.49	ppb
Molybdenum	97-1	9.07	8.81	8.58	8.82	2.75	ppb
Molybdenum	98-1	8.21	7.92	8.03	8.05	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.30	0.30	0.30	1.67	ppb
Phosphorus	31-2	157.68	186.25	133.39	159.11	16.63	ppb
Potassium	39-2	306770.88	317878.82	347122.05	323923.92	6.43	ppb
Rhodium	103-1				78		%
Rhodium	103-2				81		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	11.62	17.47	0.00	9.70	91.71	ppb
Selenium	78-2	0.67	-1.20	4.05	1.17	226.27	ppb
Selenium	82-1	3.31	-0.78	-3.89	-0.45		ppb
Silicon	28-1	1697.44	1615.35	1757.05	1689.95	4.21	ppb
Silver	109-1	0.08	0.10	0.11	0.09	15.28	ppb
Silver	107-1	0.11	0.08	0.09	0.09	13.25	ppb
Sodium	23-2	7973171.27	8210560.72	9035875.36	8406535.78	6.64	ppb
Strontium	86-1	5766.30	5669.14	5703.55	5713.00	0.86	ppb
Strontium	88-1	5850.00	5799.80	5818.25	5822.68	0.44	ppb
Sulfur	34-1	630806.05	616658.19	604353.85	617272.70	2.14	ppb
Terbium	159-1				82		%
Terbium	159-2				89		%
Thallium	203-1	0.04	0.02	0.01	0.03	66.67	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	40.22	ppb
Tin	118-1	0.25	0.29	0.22	0.25	12.31	ppb
Titanium	47-1	12.48	11.76	11.78	12.01	3.41	ppb
Uranium	238-1	2.59	2.47	2.50	2.52	2.55	ppb
Vanadium	51-2	2.45	2.50	2.74	2.56	6.04	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%
Zinc	66-2	3.31	4.27	3.56	3.71	13.40	ppb
Zirconium	90-1	0.07	0.05	0.05	0.06	22.76	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZB9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:38:20	DataFile Name :	026SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.03	0.04	0.05	51.52	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZC1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:41:27	DataFile Name :	027SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.67	4.12	10.16	6.65	47.18	ppb
Antimony	121-1	0.57	0.58	0.61	0.58	3.41	ppb
Arsenic	75-2	2.14	1.85	2.23	2.07	9.61	ppb
Barium	135-1	10.68	10.53	10.49	10.56	0.98	ppb
Barium	137-1	10.28	10.43	10.24	10.32	0.97	ppb
Beryllium	9-1	0.13	0.00	0.10	0.08	89.50	ppb
Bismuth	209-1				69		%
Bismuth	209-2				80		%
Boron	10-1	4201.16	4239.08	4173.12	4204.45	0.79	ppb
Boron	11-1	4444.37	4528.92	4539.65	4504.31	1.16	ppb
Cadmium	111-1	0.18	0.13	0.19	0.16	20.59	ppb
Cadmium	106-1	1.95	1.09	1.72	1.59	28.29	ppb
Cadmium	108-1	0.23	0.22	0.17	0.21	14.22	ppb
Calcium	43-1	303511.02	303145.71	300986.94	302547.89	0.45	ppb
Calcium	44-1	303025.44	300485.89	300082.77	301198.04	0.53	ppb
Chromium	52-2	0.21	0.27	0.15	0.21	28.99	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	26.75	ppb
Copper	63-2	1.63	1.65	1.62	1.63	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				79		%
Holmium	165-2				92		%
Indium	115-1				80		%
Indium	115-2				90		%
Iron	56-2	12.92	12.34	12.70	12.65	2.32	ppb
Iron	57-2	15.99	11.56	17.94	15.16	21.55	ppb
Lead	206-1	0.21	0.15	0.14	0.17	23.82	ppb
Lead	207-1	0.17	0.23	0.15	0.18	22.15	ppb
Lead	208-1	0.17	0.17	0.16	0.17	3.87	ppb
Lithium	6-1				79		%
Magnesium	24-2	958381.71	958837.82	951518.07	956245.87	0.43	ppb
Manganese	55-2	6.61	6.75	6.22	6.53	4.23	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZC1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:41:27	DataFile Name :	027SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.74	5.62	5.89	5.75	2.35	ppb
Molybdenum	95-1	8.38	8.19	8.29	8.29	1.12	ppb
Molybdenum	96-1	7.85	7.90	7.77	7.84	0.82	ppb
Molybdenum	97-1	8.41	8.64	8.61	8.55	1.44	ppb
Molybdenum	98-1	8.05	8.08	8.14	8.09	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.27	0.38	0.30	23.15	ppb
Phosphorus	31-2	54.19	182.69	53.51	96.79	76.85	ppb
Potassium	39-2	316642.84	315443.39	315504.91	315863.71	0.21	ppb
Rhodium	103-1				77		%
Rhodium	103-2				83		%
Scandium	45-1				91		%
Scandium	45-2				99		%
Selenium	77-2	0.00	17.46	0.00	5.82	173.21	ppb
Selenium	78-2	-1.20	0.68	1.61	0.36	393.80	ppb
Selenium	82-1	3.18	-1.14	-4.69	-0.88		ppb
Silicon	28-1	1347.04	1333.35	1324.84	1335.07	0.84	ppb
Silver	109-1	0.05	0.08	0.06	0.06	19.09	ppb
Silver	107-1	0.08	0.08	0.08	0.08	2.75	ppb
Sodium	23-2	8152736.21	8195726.95	8084143.79	8144202.32	0.69	ppb
Strontium	86-1	5709.18	5661.56	5711.71	5694.15	0.50	ppb
Strontium	88-1	5813.02	5759.87	5762.98	5778.62	0.52	ppb
Sulfur	34-1	616116.59	614675.98	614611.08	615134.55	0.14	ppb
Terbium	159-1				80		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.02	0.01	0.02	0.02	16.76	ppb
Tin	118-1	0.20	0.41	0.29	0.30	34.77	ppb
Titanium	47-1	4.17	4.33	4.27	4.25	1.86	ppb
Uranium	238-1	2.48	2.48	2.57	2.51	2.09	ppb
Vanadium	51-2	2.23	2.15	1.88	2.08	8.72	ppb
Yttrium	89-1				86		%
Yttrium	89-2				96		%
Zinc	66-2	1.80	1.77	2.04	1.87	7.88	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	30.36	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZC1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:41:27	DataFile Name :	027SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.05	0.04	41.72	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:44:35	DataFile Name :	028SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.90	31.84	17.86	24.53	28.59	ppb
Antimony	121-1	0.57	0.77	0.62	0.65	16.01	ppb
Arsenic	75-2	2.00	2.16	2.20	2.12	5.12	ppb
Barium	135-1	10.47	12.07	10.90	11.14	7.43	ppb
Barium	137-1	10.62	12.16	10.95	11.24	7.19	ppb
Beryllium	9-1	0.04	0.05	0.06	0.05	14.96	ppb
Bismuth	209-1				66		%
Bismuth	209-2				80		%
Boron	10-1	4139.46	4549.64	4229.13	4306.08	5.01	ppb
Boron	11-1	4484.65	4927.25	4558.08	4656.66	5.09	ppb
Cadmium	111-1	0.01	0.11	0.08	0.07	73.97	ppb
Cadmium	106-1	-0.38	0.68	0.64	0.31	191.61	ppb
Cadmium	108-1	0.17	0.09	0.17	0.14	33.88	ppb
Calcium	43-1	304031.33	338816.84	297563.72	313470.63	7.08	ppb
Calcium	44-1	303061.26	332284.80	297767.07	311037.71	5.98	ppb
Chromium	52-2	0.23	0.28	0.27	0.26	9.56	ppb
Cobalt	59-2	0.01	0.05	0.02	0.03	70.36	ppb
Copper	63-2	1.68	1.65	1.77	1.70	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				76		%
Holmium	165-2				92		%
Indium	115-1				77		%
Indium	115-2				91		%
Iron	56-2	32.08	36.02	32.26	33.45	6.66	ppb
Iron	57-2	34.05	28.27	35.02	32.45	11.24	ppb
Lead	206-1	0.21	0.24	0.18	0.21	13.76	ppb
Lead	207-1	0.24	0.18	0.19	0.21	14.52	ppb
Lead	208-1	0.21	0.22	0.21	0.21	3.59	ppb
Lithium	6-1				77		%
Magnesium	24-2	934556.01	956925.73	928055.98	939845.91	1.61	ppb
Manganese	55-2	9.16	8.76	8.48	8.80	3.85	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:44:35	DataFile Name :	028SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.87	6.66	5.79	6.10	7.90	ppb
Molybdenum	95-1	8.31	9.08	7.68	8.35	8.38	ppb
Molybdenum	96-1	8.02	8.79	7.58	8.13	7.52	ppb
Molybdenum	97-1	8.48	10.23	8.76	9.16	10.24	ppb
Molybdenum	98-1	7.93	9.15	8.25	8.44	7.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.25	0.23	0.17	76.47	ppb
Phosphorus	31-2	117.61	54.24	139.36	103.74	42.63	ppb
Potassium	39-2	313117.63	312899.01	305815.49	310610.71	1.34	ppb
Rhodium	103-1				75		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				99		%
Selenium	77-2	11.42	0.00	0.00	3.81	173.21	ppb
Selenium	78-2	0.64	0.67	0.68	0.67	3.01	ppb
Selenium	82-1	5.37	-0.77	-4.08	0.17	2749.24	ppb
Silicon	28-1	1370.72	1560.25	1355.99	1428.99	7.97	ppb
Silver	109-1	0.07	0.07	0.07	0.07	0.74	ppb
Silver	107-1	0.07	0.08	0.06	0.07	13.75	ppb
Sodium	23-2	8045813.45	8074409.80	7967265.27	8029162.84	0.69	ppb
Strontium	86-1	5607.04	6330.10	5681.30	5872.81	6.77	ppb
Strontium	88-1	5723.27	6471.14	5718.18	5970.86	7.26	ppb
Sulfur	34-1	614415.42	689895.31	608592.38	637634.37	7.11	ppb
Terbium	159-1				77		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.00	0.00	0.00	153.73	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.53	ppb
Tin	118-1	0.31	0.34	0.27	0.31	10.99	ppb
Titanium	47-1	4.05	5.73	4.06	4.62	21.00	ppb
Uranium	238-1	2.58	2.82	2.57	2.65	5.38	ppb
Vanadium	51-2	2.07	2.15	2.01	2.08	3.36	ppb
Yttrium	89-1				83		%
Yttrium	89-2				96		%
Zinc	66-2	2.77	2.58	2.51	2.62	4.95	ppb
Zirconium	90-1	0.04	0.04	0.02	0.04	32.36	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:44:35	DataFile Name :	028SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.09	0.02	0.05	75.93	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZC3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:47:42	DataFile Name :	029SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.09	5.69	5.65	5.15	17.74	ppb
Antimony	121-1	0.55	0.58	0.57	0.57	2.36	ppb
Arsenic	75-2	1.56	1.61	1.78	1.65	7.10	ppb
Barium	135-1	10.19	10.59	10.52	10.43	2.06	ppb
Barium	137-1	10.61	10.54	10.63	10.59	0.45	ppb
Beryllium	9-1	0.05	0.06	0.10	0.07	44.59	ppb
Bismuth	209-1				68		%
Bismuth	209-2				79		%
Boron	10-1	4056.88	4133.32	4119.20	4103.13	0.99	ppb
Boron	11-1	4421.21	4541.58	4366.94	4443.24	2.01	ppb
Cadmium	111-1	0.14	0.09	0.15	0.13	28.12	ppb
Cadmium	106-1	1.32	0.71	1.80	1.28	42.94	ppb
Cadmium	108-1	0.02	0.12	0.38	0.18	106.33	ppb
Calcium	43-1	302097.72	299838.89	302201.66	301379.42	0.44	ppb
Calcium	44-1	299424.74	300503.87	300766.39	300231.67	0.24	ppb
Chromium	52-2	0.15	0.19	0.15	0.16	14.06	ppb
Cobalt	59-2	0.04	0.02	0.03	0.03	21.34	ppb
Copper	63-2	1.61	1.66	1.72	1.66	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				79		%
Holmium	165-2				92		%
Indium	115-1				80		%
Indium	115-2				91		%
Iron	56-2	11.77	11.52	11.35	11.55	1.82	ppb
Iron	57-2	14.11	16.92	15.50	15.51	9.05	ppb
Lead	206-1	0.15	0.15	0.12	0.14	10.34	ppb
Lead	207-1	0.16	0.12	0.10	0.13	23.26	ppb
Lead	208-1	0.15	0.15	0.12	0.14	9.46	ppb
Lithium	6-1				81		%
Magnesium	24-2	939533.52	957508.95	949711.49	948917.99	0.95	ppb
Manganese	55-2	6.85	7.07	6.44	6.79	4.70	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZC3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:47:42	DataFile Name :	029SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.46	5.72	5.88	5.69	3.70	ppb
Molybdenum	95-1	7.84	8.02	8.03	7.96	1.37	ppb
Molybdenum	96-1	7.65	7.45	7.85	7.65	2.66	ppb
Molybdenum	97-1	8.68	8.98	9.34	9.00	3.65	ppb
Molybdenum	98-1	8.13	8.22	8.09	8.15	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.14	0.19	0.19	23.03	ppb
Phosphorus	31-2	96.49	97.50	32.58	75.52	49.25	ppb
Potassium	39-2	313932.86	316178.67	317954.66	316022.06	0.64	ppb
Rhodium	103-1				77		%
Rhodium	103-2				83		%
Scandium	45-1				92		%
Scandium	45-2				98		%
Selenium	77-2	0.00	11.60	5.73	5.77	100.41	ppb
Selenium	78-2	-1.20	5.34	0.65	1.60	210.91	ppb
Selenium	82-1	6.14	-0.54	-1.78	1.27	334.78	ppb
Silicon	28-1	1335.06	1342.36	1317.43	1331.62	0.96	ppb
Silver	109-1	0.07	0.05	0.06	0.06	21.50	ppb
Silver	107-1	0.07	0.06	0.05	0.06	13.01	ppb
Sodium	23-2	8067315.13	8101604.60	8038639.32	8069186.35	0.39	ppb
Strontium	86-1	5642.01	5682.02	5728.88	5684.30	0.76	ppb
Strontium	88-1	5720.61	5717.95	5833.52	5757.36	1.15	ppb
Sulfur	34-1	610911.16	616706.48	609820.41	612479.35	0.60	ppb
Terbium	159-1				79		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.02	-0.01	0.01	212.92	ppb
Thallium	205-1	0.02	0.02	0.00	0.01	98.55	ppb
Tin	118-1	0.21	0.28	0.31	0.27	20.20	ppb
Titanium	47-1	3.08	3.40	3.12	3.20	5.40	ppb
Uranium	238-1	2.51	2.42	2.51	2.48	1.97	ppb
Vanadium	51-2	2.10	2.13	2.13	2.12	0.72	ppb
Yttrium	89-1				86		%
Yttrium	89-2				97		%
Zinc	66-2	2.31	3.11	2.21	2.54	19.47	ppb
Zirconium	90-1	0.01	0.02	0.04	0.02	53.56	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZC3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:47:42	DataFile Name :	029SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.04	0.04	39.86	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01	Instrumnet Name :	P8
Client Sample ID :	MGA536	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:50:50	DataFile Name :	030SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.69	3.23	0.70	4.21	97.10	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	4.69	ppb
Arsenic	75-2	0.51	0.51	0.55	0.53	4.70	ppb
Barium	135-1	40.78	40.16	41.98	40.97	2.26	ppb
Barium	137-1	41.35	40.84	41.12	41.10	0.63	ppb
Beryllium	9-1	0.03	0.06	0.03	0.04	35.11	ppb
Bismuth	209-1				95		%
Bismuth	209-2				107		%
Boron	10-1	97.16	95.66	88.95	93.92	4.65	ppb
Boron	11-1	96.84	96.99	92.52	95.45	2.66	ppb
Cadmium	111-1	0.00	0.09	0.01	0.03	156.66	ppb
Cadmium	106-1	-0.04	1.35	0.18	0.50	149.54	ppb
Cadmium	108-1	0.04	0.08	0.12	0.08	50.07	ppb
Calcium	43-1	83286.43	83033.75	83818.58	83379.58	0.48	ppb
Calcium	44-1	81169.70	80631.85	82260.54	81354.03	1.02	ppb
Chromium	52-2	0.04	0.10	0.09	0.08	40.07	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	1.69	1.62	1.66	1.66	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	56-2	46.82	46.61	48.53	47.32	2.22	ppb
Iron	57-2	51.12	42.15	47.68	46.98	9.63	ppb
Lead	206-1	0.25	0.26	0.24	0.25	5.38	ppb
Lead	207-1	0.25	0.23	0.24	0.24	5.07	ppb
Lead	208-1	0.23	0.25	0.23	0.24	3.78	ppb
Lithium	6-1				106		%
Magnesium	24-2	44924.66	43549.42	44040.35	44171.48	1.58	ppb
Manganese	55-2	6.33	6.04	6.64	6.34	4.79	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01	Instrumnet Name :	P8
Client Sample ID :	MGA536	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:50:50	DataFile Name :	030SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.58	0.58	0.51	0.55	7.25	ppb
Molybdenum	95-1	0.62	0.67	0.61	0.63	4.47	ppb
Molybdenum	96-1	0.61	0.62	0.64	0.63	2.84	ppb
Molybdenum	97-1	0.69	0.76	0.68	0.71	5.64	ppb
Molybdenum	98-1	0.65	0.63	0.74	0.67	8.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.46	-0.36	-0.38	-0.40		ppb
Phosphorus	31-2	-10.34	8.00	8.65	2.10	512.61	ppb
Potassium	39-2	1294.22	1253.27	1247.39	1264.96	2.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.39	0.41	-0.38	-0.12		ppb
Selenium	82-1	-1.32	-1.87	-0.70	-1.30		ppb
Silicon	28-1	5491.58	5465.16	5508.60	5488.45	0.40	ppb
Silver	109-1	0.08	0.07	0.07	0.07	13.91	ppb
Silver	107-1	0.06	0.06	0.06	0.06	0.47	ppb
Sodium	23-2	7322.81	6950.96	7072.51	7115.43	2.66	ppb
Strontium	86-1	72.29	73.32	72.65	72.75	0.72	ppb
Strontium	88-1	74.23	74.17	74.26	74.22	0.06	ppb
Sulfur	34-1	29787.69	30630.97	30403.84	30274.17	1.44	ppb
Terbium	159-1				101		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.00	0.00	0.00	181.34	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	78.31	ppb
Tin	118-1	0.13	0.06	0.08	0.09	40.70	ppb
Titanium	47-1	0.23	0.35	0.16	0.25	37.52	ppb
Uranium	238-1	0.28	0.31	0.29	0.29	4.92	ppb
Vanadium	51-2	0.09	0.07	0.10	0.09	23.02	ppb
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	37.92	37.34	39.12	38.12	2.39	ppb
Zirconium	90-1	0.05	0.07	0.06	0.06	10.44	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01	Instrumnet Name :	P8
Client Sample ID :	MGA536	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:50:50	DataFile Name :	030SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.08	0.13	0.08	46.96	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-02	Instrumnet Name :	P8
Client Sample ID :	MGA536D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:53:57	DataFile Name :	031SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.42	7.42	5.41	6.75	17.18	ppb
Antimony	121-1	0.08	0.07	0.07	0.07	9.38	ppb
Arsenic	75-2	0.68	0.68	0.71	0.69	2.50	ppb
Barium	135-1	40.00	40.26	41.45	40.57	1.90	ppb
Barium	137-1	40.77	40.32	41.55	40.88	1.52	ppb
Beryllium	9-1	-0.01	0.02	0.07	0.03	143.69	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	53.44	58.04	57.51	56.33	4.47	ppb
Boron	11-1	60.31	60.17	59.45	59.98	0.76	ppb
Cadmium	111-1	-0.06	0.06	-0.04	-0.01		ppb
Cadmium	106-1	-0.77	0.78	-0.75	-0.25		ppb
Cadmium	108-1	0.03	-0.01	-0.04	-0.01		ppb
Calcium	43-1	84450.95	85283.01	83418.74	84384.23	1.11	ppb
Calcium	44-1	83006.45	83894.63	81989.62	82963.57	1.15	ppb
Chromium	52-2	0.19	0.10	0.22	0.17	36.82	ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	1.54	1.73	1.72	1.66	6.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	49.19	48.46	52.51	50.05	4.32	ppb
Iron	57-2	50.75	43.06	47.88	47.23	8.23	ppb
Lead	206-1	0.24	0.28	0.28	0.27	8.12	ppb
Lead	207-1	0.29	0.25	0.31	0.28	9.72	ppb
Lead	208-1	0.25	0.26	0.28	0.26	4.40	ppb
Lithium	6-1				119		%
Magnesium	24-2	45527.62	46014.70	50226.29	47256.20	5.47	ppb
Manganese	55-2	6.47	6.14	7.47	6.69	10.36	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-02	Instrumnet Name :	P8
Client Sample ID :	MGA536D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:53:57	DataFile Name :	031SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.65	0.54	0.55	0.58	10.60	ppb
Molybdenum	95-1	0.69	0.67	0.62	0.66	5.26	ppb
Molybdenum	96-1	0.67	0.74	0.66	0.69	6.43	ppb
Molybdenum	97-1	0.64	0.68	0.77	0.70	9.87	ppb
Molybdenum	98-1	0.65	0.68	0.62	0.65	4.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.32	-0.24	-0.28		ppb
Phosphorus	31-2	-10.34	27.38	-10.34	2.23	975.41	ppb
Potassium	39-2	1241.16	1227.64	1383.09	1283.96	6.71	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	0.38	0.54	0.17	291.46	ppb
Selenium	82-1	-1.07	-1.00	-1.25	-1.11		ppb
Silicon	28-1	5545.69	5549.16	5449.49	5514.78	1.03	ppb
Silver	109-1	0.08	0.07	0.06	0.07	12.15	ppb
Silver	107-1	0.06	0.05	0.06	0.06	10.65	ppb
Sodium	23-2	5902.69	5918.96	6488.42	6103.36	5.47	ppb
Strontium	86-1	74.67	72.91	74.17	73.92	1.22	ppb
Strontium	88-1	76.75	74.86	75.10	75.57	1.36	ppb
Sulfur	34-1	29978.85	30666.81	30417.76	30354.47	1.15	ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.00	0.01	0.01	0.00	107.15	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	90.00	ppb
Tin	118-1	0.05	0.07	0.05	0.06	24.11	ppb
Titanium	47-1	0.30	0.18	0.36	0.28	32.11	ppb
Uranium	238-1	0.31	0.29	0.32	0.31	6.11	ppb
Vanadium	51-2	0.07	0.08	0.09	0.08	11.83	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	40.20	39.34	42.26	40.60	3.69	ppb
Zirconium	90-1	0.07	0.06	0.07	0.06	3.51	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-02	Instrumnet Name :	P8
Client Sample ID :	MGA536D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:53:57	DataFile Name :	031SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.10	0.08	0.07	49.99	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01LX5	Instrumnet Name :	P8
Client Sample ID :	MGA536L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 14:57:03	DataFile Name :	032SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.41	-0.65	-0.62	0.71	328.71	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	24.84	ppb
Arsenic	75-2	0.19	0.23	0.12	0.18	30.25	ppb
Barium	135-1	7.67	7.65	7.96	7.76	2.23	ppb
Barium	137-1	7.60	7.69	7.84	7.71	1.56	ppb
Beryllium	9-1	0.06	0.04	-0.01	0.03	116.64	ppb
Bismuth	209-1				106		%
Bismuth	209-2				112		%
Boron	10-1	40.80	45.20	40.21	42.07	6.48	ppb
Boron	11-1	43.39	46.19	41.98	43.85	4.88	ppb
Cadmium	111-1	0.01	-0.03	0.00	-0.01		ppb
Cadmium	106-1	0.16	-0.32	0.01	-0.05		ppb
Cadmium	108-1	-0.08	0.03	0.03	-0.01		ppb
Calcium	43-1	15831.24	15826.64	15785.47	15814.45	0.16	ppb
Calcium	44-1	16015.54	15918.23	16252.85	16062.21	1.07	ppb
Chromium	52-2	-0.11	0.00	-0.08	-0.06		ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.43	0.39	0.44	0.42	5.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	9.02	8.77	8.74	8.84	1.73	ppb
Iron	57-2	7.44	12.14	10.93	10.17	23.97	ppb
Lead	206-1	0.06	0.05	0.08	0.06	26.24	ppb
Lead	207-1	0.07	0.05	0.06	0.06	11.41	ppb
Lead	208-1	0.06	0.06	0.06	0.06	3.59	ppb
Lithium	6-1				117		%
Magnesium	24-2	8456.16	8458.74	8608.99	8507.96	1.03	ppb
Manganese	55-2	1.14	1.10	1.48	1.24	16.96	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01LX5	Instrumnet Name :	P8
Client Sample ID :	MGA536L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 14:57:03	DataFile Name :	032SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.12	0.13	0.12	5.56	ppb
Molybdenum	95-1	0.12	0.14	0.12	0.13	9.45	ppb
Molybdenum	96-1	0.10	0.12	0.09	0.10	13.92	ppb
Molybdenum	97-1	0.14	0.17	0.14	0.15	12.74	ppb
Molybdenum	98-1	0.13	0.12	0.15	0.13	10.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.54	-0.63	-0.57	-0.58		ppb
Phosphorus	31-2	8.65	-10.34	9.15	2.49	446.87	ppb
Potassium	39-2	306.77	299.53	308.45	304.91	1.55	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	5.01	0.00	0.00	1.67	173.21	ppb
Selenium	78-2	-1.20	-0.39	0.42	-0.39		ppb
Selenium	82-1	-0.88	-0.63	-0.10	-0.54		ppb
Silicon	28-1	1024.43	1014.17	1025.28	1021.29	0.61	ppb
Silver	109-1	0.03	0.04	0.04	0.04	12.00	ppb
Silver	107-1	0.03	0.04	0.03	0.03	8.81	ppb
Sodium	23-2	2998.05	2966.82	3010.60	2991.82	0.75	ppb
Strontium	86-1	14.15	13.99	14.28	14.14	1.04	ppb
Strontium	88-1	14.50	14.39	14.34	14.41	0.56	ppb
Sulfur	34-1	8228.96	8093.47	8160.51	8160.98	0.83	ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	-0.02	0.01	0.00	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.01	0.05	0.02	75.11	ppb
Titanium	47-1	0.12	0.14	0.13	0.13	7.87	ppb
Uranium	238-1	0.06	0.05	0.05	0.06	11.06	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	12.83	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	6.87	8.05	7.46	7.46	7.90	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	73.23	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01LX5	Instrumnet Name :	P8
Client Sample ID :	MGA536L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 14:57:03	DataFile Name :	032SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.05	0.04	42.21	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-03	Instrumnet Name :	P8
Client Sample ID :	MGA536S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:00:11	DataFile Name :	033SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2190.74	2046.17	2095.36	2110.75	3.48	ppb
Antimony	121-1	109.02	110.35	108.76	109.38	0.78	ppb
Arsenic	75-2	44.02	43.76	42.03	43.27	2.50	ppb
Barium	135-1	2256.09	2264.38	2259.59	2260.02	0.18	ppb
Barium	137-1	2244.83	2258.04	2221.32	2241.40	0.83	ppb
Beryllium	9-1	53.66	54.29	54.82	54.26	1.07	ppb
Bismuth	209-1				120		%
Bismuth	209-2				119		%
Boron	10-1	40.25	40.78	37.14	39.39	4.99	ppb
Boron	11-1	42.24	41.96	41.34	41.85	1.10	ppb
Cadmium	111-1	54.04	54.04	53.84	53.98	0.21	ppb
Cadmium	106-1	49.36	43.95	48.01	47.11	5.98	ppb
Cadmium	108-1	50.43	52.12	49.72	50.75	2.43	ppb
Calcium	43-1	83176.43	83609.85	85144.86	83977.05	1.23	ppb
Calcium	44-1	83469.40	82181.66	83022.75	82891.27	0.79	ppb
Chromium	52-2	208.53	209.16	212.85	210.18	1.11	ppb
Cobalt	59-2	513.08	514.25	516.90	514.74	0.38	ppb
Copper	63-2	252.68	253.35	255.89	253.97	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				116		%
Indium	115-1				117		%
Indium	115-2				112		%
Iron	56-2	1147.77	1140.76	1150.27	1146.27	0.43	ppb
Iron	57-2	1094.01	1162.49	1103.99	1120.16	3.30	ppb
Lead	206-1	21.54	21.34	21.66	21.51	0.75	ppb
Lead	207-1	20.68	20.52	20.73	20.64	0.53	ppb
Lead	208-1	21.02	20.74	20.99	20.92	0.74	ppb
Lithium	6-1				126		%
Magnesium	24-2	44629.50	44454.89	44047.57	44377.32	0.67	ppb
Manganese	55-2	539.35	537.66	532.88	536.63	0.63	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-03	Instrumnet Name :	P8
Client Sample ID :	MGA536S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:00:11	DataFile Name :	033SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.57	0.62	0.62	0.60	4.62	ppb
Molybdenum	95-1	0.67	0.65	0.73	0.69	5.74	ppb
Molybdenum	96-1	0.67	0.67	0.66	0.67	1.42	ppb
Molybdenum	97-1	0.61	0.73	0.60	0.65	11.68	ppb
Molybdenum	98-1	0.62	0.62	0.68	0.64	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.60	515.17	520.42	518.06	0.51	ppb
Phosphorus	31-2	-10.34	8.55	8.78	2.33	470.61	ppb
Potassium	39-2	1151.54	1143.98	1183.08	1159.53	1.79	ppb
Rhodium	103-1				116		%
Rhodium	103-2				114		%
Scandium	45-1				120		%
Scandium	45-2				112		%
Selenium	77-2	111.74	83.52	108.41	101.22	15.24	ppb
Selenium	78-2	131.99	127.93	121.96	127.30	3.96	ppb
Selenium	82-1	105.25	108.60	108.16	107.34	1.70	ppb
Silicon	28-1	5305.72	5301.35	5338.79	5315.29	0.39	ppb
Silver	109-1	52.47	52.63	52.41	52.50	0.21	ppb
Silver	107-1	53.04	53.86	52.64	53.18	1.16	ppb
Sodium	23-2	4616.49	4634.14	4648.86	4633.16	0.35	ppb
Strontium	86-1	71.85	73.42	74.12	73.13	1.59	ppb
Strontium	88-1	74.64	74.18	76.30	75.04	1.49	ppb
Sulfur	34-1	29444.26	28446.42	28812.69	28901.13	1.75	ppb
Terbium	159-1				122		%
Terbium	159-2				118		%
Thallium	203-1	53.61	52.93	53.13	53.22	0.65	ppb
Thallium	205-1	53.50	53.88	53.54	53.64	0.39	ppb
Tin	118-1	-0.01	0.03	-0.01	0.00	2291.79	ppb
Titanium	47-1	0.30	0.23	0.11	0.21	44.78	ppb
Uranium	238-1	0.29	0.28	0.29	0.29	1.84	ppb
Vanadium	51-2	526.48	521.82	528.50	525.60	0.65	ppb
Yttrium	89-1				121		%
Yttrium	89-2				113		%
Zinc	66-2	551.22	550.45	550.99	550.89	0.07	ppb
Zirconium	90-1	0.06	0.08	0.06	0.07	17.34	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-03	Instrumnet Name :	P8
Client Sample ID :	MGA536S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:00:11	DataFile Name :	033SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.07	0.10	0.09	16.13	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-04	Instrumnet Name :	P8
Client Sample ID :	MGA537	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:03:16	DataFile Name :	034SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.00	2.07	2.08	2.05	2.04	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	11.86	ppb
Arsenic	75-2	0.61	0.63	0.52	0.59	10.46	ppb
Barium	135-1	41.34	40.68	40.88	40.97	0.82	ppb
Barium	137-1	42.28	40.91	41.45	41.54	1.66	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	2.54	ppb
Bismuth	209-1				122		%
Bismuth	209-2				119		%
Boron	10-1	38.32	38.34	35.53	37.39	4.32	ppb
Boron	11-1	38.28	37.58	38.87	38.24	1.70	ppb
Cadmium	111-1	-0.03	-0.03	0.03	-0.01		ppb
Cadmium	106-1	-0.36	-0.34	0.49	-0.07		ppb
Cadmium	108-1	0.02	0.02	0.09	0.04	99.89	ppb
Calcium	43-1	87167.84	85143.19	85936.30	86082.45	1.19	ppb
Calcium	44-1	84974.97	84537.60	84845.56	84786.04	0.26	ppb
Chromium	52-2	-0.07	0.01	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	377.19	ppb
Copper	63-2	0.51	0.44	0.45	0.47	7.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				118		%
Indium	115-1				121		%
Indium	115-2				114		%
Iron	56-2	42.92	42.42	43.08	42.81	0.81	ppb
Iron	57-2	33.64	33.11	40.97	35.90	12.24	ppb
Lead	206-1	0.37	0.38	0.36	0.37	2.57	ppb
Lead	207-1	0.33	0.29	0.27	0.29	10.13	ppb
Lead	208-1	0.32	0.33	0.32	0.33	1.82	ppb
Lithium	6-1				127		%
Magnesium	24-2	45968.13	46114.82	45923.13	46002.03	0.22	ppb
Manganese	55-2	6.24	6.43	5.91	6.19	4.31	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-04	Instrumnet Name :	P8
Client Sample ID :	MGA537	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:03:16	DataFile Name :	034SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.56	0.68	0.56	0.60	11.65	ppb
Molybdenum	95-1	0.68	0.66	0.64	0.66	3.18	ppb
Molybdenum	96-1	0.61	0.69	0.60	0.63	8.44	ppb
Molybdenum	97-1	0.69	0.65	0.63	0.66	5.01	ppb
Molybdenum	98-1	0.55	0.70	0.63	0.63	11.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.44	-0.45	-0.32	-0.41		ppb
Phosphorus	31-2	8.40	-10.34	8.76	2.27	480.32	ppb
Potassium	39-2	1225.31	1129.25	1179.59	1178.05	4.08	ppb
Rhodium	103-1				118		%
Rhodium	103-2				115		%
Scandium	45-1				120		%
Scandium	45-2				111		%
Selenium	77-2	4.80	0.00	0.00	1.60	173.21	ppb
Selenium	78-2	-0.42	0.36	0.37	0.10	444.37	ppb
Selenium	82-1	-0.33	-0.99	-0.39	-0.57		ppb
Silicon	28-1	5521.13	5503.29	5441.14	5488.52	0.77	ppb
Silver	109-1	0.04	0.05	0.06	0.05	17.28	ppb
Silver	107-1	0.05	0.05	0.06	0.05	4.03	ppb
Sodium	23-2	4545.86	4535.62	4538.22	4539.90	0.12	ppb
Strontium	86-1	75.30	75.58	74.95	75.28	0.42	ppb
Strontium	88-1	78.49	77.94	77.91	78.11	0.42	ppb
Sulfur	34-1	29946.88	29382.89	29104.84	29478.20	1.46	ppb
Terbium	159-1				124		%
Terbium	159-2				119		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	-0.03	-0.01	-0.07	-0.04		ppb
Titanium	47-1	0.24	0.20	0.18	0.21	14.98	ppb
Uranium	238-1	0.32	0.30	0.31	0.31	4.04	ppb
Vanadium	51-2	0.09	0.10	0.11	0.10	8.85	ppb
Yttrium	89-1				121		%
Yttrium	89-2				115		%
Zinc	66-2	12.51	13.39	13.31	13.07	3.72	ppb
Zirconium	90-1	0.09	0.07	0.06	0.07	20.87	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-04	Instrumnet Name :	P8
Client Sample ID :	MGA537	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:03:16	DataFile Name :	034SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.09	0.08	0.08	13.92	ppb

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I7018-05 Instrumnet Name : P8
 Client Sample ID : MGA538 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 15:06:22 DataFile Name : 035SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.21	11.82	6.34	9.46	29.79	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	4.29	ppb
Arsenic	75-2	0.43	0.51	0.59	0.51	15.84	ppb
Barium	135-1	22.84	22.16	22.02	22.34	1.95	ppb
Barium	137-1	23.21	22.50	21.96	22.56	2.80	ppb
Beryllium	9-1	0.02	0.05	-0.01	0.02	175.47	ppb
Bismuth	209-1				124		%
Bismuth	209-2				119		%
Boron	10-1	52.03	52.82	54.21	53.02	2.08	ppb
Boron	11-1	52.83	54.92	55.20	54.32	2.39	ppb
Cadmium	111-1	-0.02	-0.06	0.06	-0.01		ppb
Cadmium	106-1	-0.27	-0.75	0.90	-0.04		ppb
Cadmium	108-1	-0.05	-0.02	0.02	-0.02		ppb
Calcium	43-1	74418.54	76601.47	75286.66	75435.56	1.46	ppb
Calcium	44-1	73986.51	74899.66	73115.51	74000.56	1.21	ppb
Chromium	52-2	0.12	0.13	0.09	0.12	15.51	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	13.70	ppb
Copper	63-2	4.98	5.23	5.28	5.16	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				117		%
Indium	115-1				121		%
Indium	115-2				113		%
Iron	56-2	35.29	36.73	36.59	36.20	2.20	ppb
Iron	57-2	36.86	38.01	33.53	36.14	6.44	ppb
Lead	206-1	0.45	0.45	0.45	0.45	0.50	ppb
Lead	207-1	0.36	0.43	0.43	0.41	9.02	ppb
Lead	208-1	0.42	0.41	0.42	0.42	1.33	ppb
Lithium	6-1				128		%
Magnesium	24-2	46060.64	46694.32	46008.66	46254.54	0.83	ppb
Manganese	55-2	4.05	4.31	4.79	4.39	8.58	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-05	Instrumnet Name :	P8
Client Sample ID :	MGA538	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:06:22	DataFile Name :	035SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.34	0.40	0.37	8.29	ppb
Molybdenum	95-1	0.49	0.46	0.46	0.47	4.68	ppb
Molybdenum	96-1	0.40	0.48	0.42	0.43	9.22	ppb
Molybdenum	97-1	0.47	0.52	0.47	0.49	5.45	ppb
Molybdenum	98-1	0.49	0.43	0.43	0.45	8.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.24	-0.12	-0.16		ppb
Phosphorus	31-2	-10.34	28.39	9.14	9.06	213.69	ppb
Potassium	39-2	1045.50	1109.07	1102.40	1085.66	3.22	ppb
Rhodium	103-1				117		%
Rhodium	103-2				114		%
Scandium	45-1				120		%
Scandium	45-2				110		%
Selenium	77-2	0.00	4.94	4.91	3.28	86.60	ppb
Selenium	78-2	-0.41	-0.40	0.39	-0.14		ppb
Selenium	82-1	-0.52	-0.62	-1.18	-0.78		ppb
Silicon	28-1	6133.11	6089.31	6051.51	6091.31	0.67	ppb
Silver	109-1	0.04	0.04	0.04	0.04	7.95	ppb
Silver	107-1	0.04	0.04	0.04	0.04	1.63	ppb
Sodium	23-2	5532.78	5641.37	5581.89	5585.34	0.97	ppb
Strontium	86-1	87.79	86.01	86.55	86.79	1.05	ppb
Strontium	88-1	90.96	90.12	90.08	90.39	0.55	ppb
Sulfur	34-1	7227.12	7234.49	6884.87	7115.49	2.81	ppb
Terbium	159-1				124		%
Terbium	159-2				118		%
Thallium	203-1	0.00	0.01	-0.01	0.00	1006.40	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	616.94	ppb
Tin	118-1	0.02	0.01	0.02	0.02	40.24	ppb
Titanium	47-1	0.09	0.17	0.22	0.16	42.30	ppb
Uranium	238-1	0.32	0.30	0.31	0.31	3.33	ppb
Vanadium	51-2	0.08	0.10	0.09	0.09	10.31	ppb
Yttrium	89-1				121		%
Yttrium	89-2				113		%
Zinc	66-2	23.72	25.96	26.70	25.46	6.10	ppb
Zirconium	90-1	0.01	0.01	0.03	0.01	91.03	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-05	Instrumnet Name :	P8
Client Sample ID :	MGA538	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:06:22	DataFile Name :	035SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.04	0.05	13.01	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-06	Instrumnet Name :	P8
Client Sample ID :	MGA539	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:09:29	DataFile Name :	036SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.54	6.47	2.23	5.08	48.55	ppb
Antimony	121-1	0.09	0.09	0.12	0.10	16.95	ppb
Arsenic	75-2	0.64	0.49	0.55	0.56	13.02	ppb
Barium	135-1	22.04	22.96	22.35	22.45	2.08	ppb
Barium	137-1	22.21	22.93	22.67	22.61	1.61	ppb
Beryllium	9-1	-0.03	0.01	0.02	0.00	919.81	ppb
Bismuth	209-1				120		%
Bismuth	209-2				119		%
Boron	10-1	52.21	57.74	56.21	55.38	5.15	ppb
Boron	11-1	54.38	57.29	58.28	56.65	3.58	ppb
Cadmium	111-1	0.05	0.06	0.00	0.04	82.57	ppb
Cadmium	106-1	0.82	0.83	0.15	0.60	64.81	ppb
Cadmium	108-1	-0.05	-0.05	0.19	0.03	423.83	ppb
Calcium	43-1	76839.15	80577.47	80182.68	79199.76	2.59	ppb
Calcium	44-1	76416.76	79622.64	79475.96	78505.12	2.31	ppb
Chromium	52-2	0.46	0.37	0.48	0.44	14.04	ppb
Cobalt	59-2	0.07	0.03	0.08	0.06	37.89	ppb
Copper	63-2	2.20	2.32	2.17	2.23	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				115		%
Indium	115-1				116		%
Indium	115-2				111		%
Iron	56-2	41.89	41.11	40.42	41.14	1.80	ppb
Iron	57-2	40.10	44.18	41.02	41.77	5.12	ppb
Lead	206-1	0.24	0.29	0.30	0.27	11.61	ppb
Lead	207-1	0.22	0.25	0.27	0.25	11.20	ppb
Lead	208-1	0.23	0.26	0.26	0.25	6.71	ppb
Lithium	6-1				123		%
Magnesium	24-2	47908.87	47268.61	46720.85	47299.44	1.26	ppb
Manganese	55-2	3.91	3.88	3.41	3.73	7.51	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-06	Instrumnet Name :	P8
Client Sample ID :	MGA539	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:09:29	DataFile Name :	036SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.36	0.46	0.42	12.51	ppb
Molybdenum	95-1	0.50	0.48	0.49	0.49	2.78	ppb
Molybdenum	96-1	0.44	0.48	0.55	0.49	10.81	ppb
Molybdenum	97-1	0.46	0.45	0.51	0.47	6.64	ppb
Molybdenum	98-1	0.45	0.53	0.51	0.50	7.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.27	-0.25	-0.16	-0.23		ppb
Phosphorus	31-2	-10.34	9.44	-10.34	-3.75		ppb
Potassium	39-2	1193.34	1075.35	1110.55	1126.41	5.38	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				106		%
Selenium	77-2	4.97	0.00	5.00	3.32	86.60	ppb
Selenium	78-2	0.41	0.40	0.42	0.41	2.05	ppb
Selenium	82-1	-0.20	-0.20	-0.93	-0.44		ppb
Silicon	28-1	6221.31	6532.52	6466.60	6406.81	2.56	ppb
Silver	109-1	0.05	0.05	0.04	0.05	10.85	ppb
Silver	107-1	0.04	0.05	0.04	0.04	16.97	ppb
Sodium	23-2	5672.29	5537.56	5575.23	5595.03	1.24	ppb
Strontium	86-1	90.59	96.51	93.20	93.44	3.18	ppb
Strontium	88-1	93.56	100.46	97.77	97.26	3.57	ppb
Sulfur	34-1	7381.44	8499.20	8479.46	8120.03	7.88	ppb
Terbium	159-1				119		%
Terbium	159-2				117		%
Thallium	203-1	0.00	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	208.26	ppb
Tin	118-1	0.00	0.01	0.04	0.01	168.07	ppb
Titanium	47-1	0.23	0.29	0.23	0.25	13.19	ppb
Uranium	238-1	0.30	0.32	0.30	0.31	3.02	ppb
Vanadium	51-2	0.08	0.12	0.12	0.11	23.61	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	14.76	14.93	15.77	15.16	3.56	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	16.03	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-06	Instrumnet Name :	P8
Client Sample ID :	MGA539	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:09:29	DataFile Name :	036SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	31.01	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-07	Instrumnet Name :	P8
Client Sample ID :	MGA540	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:12:36	DataFile Name :	037SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.53	3.83	6.75	5.70	28.48	ppb
Antimony	121-1	0.11	0.10	0.09	0.10	10.73	ppb
Arsenic	75-2	0.10	0.16	0.25	0.17	42.57	ppb
Barium	135-1	61.90	61.14	62.70	61.91	1.26	ppb
Barium	137-1	63.16	62.74	62.27	62.72	0.71	ppb
Beryllium	9-1	0.03	-0.01	0.04	0.02	141.94	ppb
Bismuth	209-1				122		%
Bismuth	209-2				115		%
Boron	10-1	35.75	37.49	35.63	36.29	2.87	ppb
Boron	11-1	36.11	37.21	36.87	36.73	1.53	ppb
Cadmium	111-1	0.22	0.24	0.27	0.24	12.01	ppb
Cadmium	106-1	-1.09	-0.53	-0.42	-0.68		ppb
Cadmium	108-1	0.18	0.18	0.15	0.17	10.05	ppb
Calcium	43-1	64039.73	61924.46	62518.48	62827.56	1.74	ppb
Calcium	44-1	61821.28	61958.74	61589.21	61789.74	0.30	ppb
Chromium	52-2	0.18	0.14	0.22	0.18	23.94	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	41.33	ppb
Copper	63-2	3.36	3.58	3.61	3.52	3.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				113		%
Indium	115-1				118		%
Indium	115-2				109		%
Iron	56-2	9.36	9.48	8.95	9.26	3.00	ppb
Iron	57-2	13.28	5.00	6.24	8.18	54.63	ppb
Lead	206-1	0.33	0.32	0.32	0.32	1.42	ppb
Lead	207-1	0.31	0.31	0.29	0.30	3.65	ppb
Lead	208-1	0.33	0.31	0.32	0.32	3.99	ppb
Lithium	6-1				125		%
Magnesium	24-2	37513.35	38427.82	38035.14	37992.10	1.21	ppb
Manganese	55-2	0.26	0.30	0.19	0.25	20.99	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-07	Instrumnet Name :	P8
Client Sample ID :	MGA540	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:12:36	DataFile Name :	037SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.04	0.02	52.64	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.03	19.93	ppb
Molybdenum	96-1	0.01	0.04	0.04	0.03	48.77	ppb
Molybdenum	97-1	0.02	0.05	0.05	0.04	45.85	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	27.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.41	-0.38	-0.25	-0.35		ppb
Phosphorus	31-2	-10.34	10.10	10.08	3.28	359.68	ppb
Potassium	39-2	443.13	450.41	445.63	446.39	0.83	ppb
Rhodium	103-1				115		%
Rhodium	103-2				111		%
Scandium	45-1				117		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	-1.20	0.44	-0.38		ppb
Selenium	82-1	-0.88	0.16	-1.16	-0.63		ppb
Silicon	28-1	6268.18	6204.60	6278.97	6250.59	0.64	ppb
Silver	109-1	0.04	0.03	0.04	0.04	15.03	ppb
Silver	107-1	0.04	0.04	0.04	0.04	8.64	ppb
Sodium	23-2	3459.95	3528.87	3487.18	3492.00	0.99	ppb
Strontium	86-1	46.56	46.96	47.61	47.04	1.12	ppb
Strontium	88-1	47.48	48.08	47.90	47.82	0.65	ppb
Sulfur	34-1	1128.83	1192.48	1436.22	1252.51	12.95	ppb
Terbium	159-1				122		%
Terbium	159-2				114		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	0.01	-0.01	0.00	560.59	ppb
Titanium	47-1	0.17	0.17	0.16	0.17	3.10	ppb
Uranium	238-1	0.31	0.31	0.31	0.31	0.66	ppb
Vanadium	51-2	0.54	0.70	0.57	0.61	13.59	ppb
Yttrium	89-1				119		%
Yttrium	89-2				109		%
Zinc	66-2	75.85	78.60	78.40	77.62	1.98	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	123.58	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-07	Instrumnet Name :	P8
Client Sample ID :	MGA540	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:12:36	DataFile Name :	037SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.00	0.02	0.00		ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-08	Instrumnet Name :	P8
Client Sample ID :	MGA541	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:15:43	DataFile Name :	038SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.59	5.33	5.50	5.47	2.47	ppb
Antimony	121-1	0.09	0.08	0.09	0.09	5.62	ppb
Arsenic	75-2	0.15	0.30	0.16	0.20	39.98	ppb
Barium	135-1	64.86	64.87	65.64	65.12	0.69	ppb
Barium	137-1	66.11	65.48	65.36	65.65	0.61	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	22.16	ppb
Bismuth	209-1				118		%
Bismuth	209-2				112		%
Boron	10-1	26.42	26.39	27.61	26.81	2.60	ppb
Boron	11-1	28.17	27.29	28.69	28.05	2.53	ppb
Cadmium	111-1	0.37	0.28	0.33	0.33	14.07	ppb
Cadmium	106-1	0.87	-0.30	0.28	0.28	207.45	ppb
Cadmium	108-1	0.36	0.19	0.34	0.30	31.77	ppb
Calcium	43-1	65577.17	65247.56	64270.66	65031.80	1.04	ppb
Calcium	44-1	64686.68	64520.30	64259.86	64488.95	0.33	ppb
Chromium	52-2	0.17	0.14	0.19	0.17	13.13	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	34.35	ppb
Copper	63-2	2.24	2.11	2.20	2.18	3.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	3.92	3.89	3.77	3.86	2.02	ppb
Iron	57-2	0.61	0.44	3.55	1.53	113.70	ppb
Lead	206-1	0.20	0.19	0.20	0.20	2.54	ppb
Lead	207-1	0.18	0.20	0.19	0.19	5.71	ppb
Lead	208-1	0.20	0.20	0.20	0.20	1.63	ppb
Lithium	6-1				121		%
Magnesium	24-2	38967.33	38147.26	39313.02	38809.20	1.54	ppb
Manganese	55-2	0.14	0.06	0.20	0.14	51.98	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-08	Instrumnet Name :	P8
Client Sample ID :	MGA541	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:15:43	DataFile Name :	038SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.06	0.04	0.05	26.35	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	13.28	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	32.51	ppb
Molybdenum	97-1	0.02	0.03	0.04	0.03	24.58	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	12.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.36	-0.51	-0.36	-0.41		ppb
Phosphorus	31-2	10.94	10.20	-10.34	3.60	335.56	ppb
Potassium	39-2	440.92	454.99	467.30	454.40	2.91	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.37	0.50	-1.20	0.22	583.74	ppb
Selenium	82-1	-0.59	-0.52	0.22	-0.30		ppb
Silicon	28-1	6512.17	6464.04	6441.07	6472.43	0.56	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.03	ppb
Silver	107-1	0.03	0.03	0.03	0.03	15.56	ppb
Sodium	23-2	3537.63	3415.88	3528.66	3494.06	1.94	ppb
Strontium	86-1	49.07	48.81	49.45	49.11	0.66	ppb
Strontium	88-1	50.21	49.73	50.24	50.06	0.57	ppb
Sulfur	34-1	1869.02	1933.55	2369.63	2057.40	13.24	ppb
Terbium	159-1				118		%
Terbium	159-2				111		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.03	-0.06	-0.03		ppb
Titanium	47-1	0.29	0.21	0.29	0.26	18.45	ppb
Uranium	238-1	0.32	0.32	0.30	0.32	3.19	ppb
Vanadium	51-2	0.69	0.44	0.70	0.61	23.89	ppb
Yttrium	89-1				114		%
Yttrium	89-2				106		%
Zinc	66-2	66.56	63.55	65.47	65.20	2.34	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	81.50	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-08	Instrumnet Name :	P8
Client Sample ID :	MGA541	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:15:43	DataFile Name :	038SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.03	0.03	0.02	115.38	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-09	Instrumnet Name :	P8
Client Sample ID :	MGA542	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:18:51	DataFile Name :	039SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.16	0.85	5.23	3.74	66.97	ppb
Antimony	121-1	0.64	0.66	0.70	0.67	4.75	ppb
Arsenic	75-2	0.65	0.64	0.65	0.65	1.30	ppb
Barium	135-1	28.16	27.91	31.22	29.10	6.34	ppb
Barium	137-1	28.47	28.16	31.44	29.36	6.17	ppb
Beryllium	9-1	0.03	0.00	0.04	0.02	71.35	ppb
Bismuth	209-1				114		%
Bismuth	209-2				113		%
Boron	10-1	72.29	76.00	86.25	78.18	9.25	ppb
Boron	11-1	75.46	75.10	90.79	80.45	11.13	ppb
Cadmium	111-1	0.62	0.60	0.45	0.55	17.02	ppb
Cadmium	106-1	1.14	0.95	-0.95	0.38	302.84	ppb
Cadmium	108-1	0.32	0.61	0.72	0.55	37.22	ppb
Calcium	43-1	112692.18	113511.11	126849.29	117684.19	6.75	ppb
Calcium	44-1	111548.20	111525.36	126463.09	116512.22	7.40	ppb
Chromium	52-2	0.18	0.18	0.24	0.20	16.87	ppb
Cobalt	59-2	11.99	11.93	12.06	11.99	0.57	ppb
Copper	63-2	62.09	62.44	62.99	62.50	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	471.95	476.37	479.77	476.03	0.82	ppb
Iron	57-2	476.74	454.09	454.21	461.68	2.82	ppb
Lead	206-1	25.85	25.76	28.32	26.64	5.46	ppb
Lead	207-1	21.15	20.76	23.24	21.72	6.12	ppb
Lead	208-1	23.01	22.63	25.27	23.64	6.04	ppb
Lithium	6-1				117		%
Magnesium	24-2	68278.81	67870.84	67545.00	67898.22	0.54	ppb
Manganese	55-2	22.22	22.35	21.96	22.18	0.92	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-09	Instrumnet Name :	P8
Client Sample ID :	MGA542	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:18:51	DataFile Name :	039SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.78	0.72	0.87	0.79	9.33	ppb
Molybdenum	95-1	0.95	0.99	1.10	1.02	7.21	ppb
Molybdenum	96-1	0.94	0.88	1.08	0.97	10.90	ppb
Molybdenum	97-1	0.93	1.06	1.19	1.06	11.94	ppb
Molybdenum	98-1	0.99	0.98	1.11	1.03	7.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.63	39.75	39.32	39.57	0.55	ppb
Phosphorus	31-2	-10.34	29.75	-10.34	3.02	765.67	ppb
Potassium	39-2	3540.18	3572.45	3561.74	3558.12	0.46	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	1.29	-1.20	-0.09		ppb
Selenium	82-1	-0.24	-0.77	-0.20	-0.40		ppb
Silicon	28-1	5461.67	5470.07	6200.15	5710.63	7.42	ppb
Silver	109-1	0.03	0.03	0.06	0.04	44.01	ppb
Silver	107-1	0.04	0.03	0.04	0.04	9.39	ppb
Sodium	23-2	7877.11	7907.83	8019.80	7934.91	0.95	ppb
Strontium	86-1	247.96	246.85	276.20	257.00	6.47	ppb
Strontium	88-1	250.57	254.14	279.89	261.53	6.12	ppb
Sulfur	34-1	69712.31	70789.65	82314.17	74272.04	9.41	ppb
Terbium	159-1				115		%
Terbium	159-2				114		%
Thallium	203-1	0.07	0.07	0.09	0.08	15.07	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	8.47	ppb
Tin	118-1	0.03	0.02	0.08	0.04	75.77	ppb
Titanium	47-1	0.10	0.12	0.24	0.15	50.10	ppb
Uranium	238-1	2.81	2.80	3.13	2.92	6.39	ppb
Vanadium	51-2	0.09	0.10	0.06	0.08	28.64	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	292.64	286.97	298.41	292.68	1.96	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	56.55	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-09	Instrumnet Name :	P8
Client Sample ID :	MGA542	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:18:51	DataFile Name :	039SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.02	30.97	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-10	Instrumnet Name :	P8
Client Sample ID :	MGA543	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:21:57	DataFile Name :	040SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.67	3.65	-0.58	2.24	109.00	ppb
Antimony	121-1	0.66	0.67	0.63	0.65	2.70	ppb
Arsenic	75-2	0.57	0.51	0.63	0.57	10.09	ppb
Barium	135-1	27.47	27.30	27.58	27.45	0.52	ppb
Barium	137-1	27.21	27.31	27.64	27.39	0.83	ppb
Beryllium	9-1	0.03	0.06	0.07	0.05	40.70	ppb
Bismuth	209-1				118		%
Bismuth	209-2				114		%
Boron	10-1	76.86	78.29	78.15	77.77	1.01	ppb
Boron	11-1	79.10	77.22	83.06	79.79	3.73	ppb
Cadmium	111-1	0.46	0.37	0.38	0.40	12.48	ppb
Cadmium	106-1	0.59	-0.73	-0.30	-0.14		ppb
Cadmium	108-1	0.53	0.40	0.50	0.47	14.45	ppb
Calcium	43-1	112368.96	111126.80	110250.82	111248.86	0.96	ppb
Calcium	44-1	108860.91	108948.74	109751.16	109186.94	0.45	ppb
Chromium	52-2	0.03	-0.05	0.07	0.02	349.03	ppb
Cobalt	59-2	11.62	11.63	11.76	11.67	0.67	ppb
Copper	63-2	5.52	5.49	5.56	5.52	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				113		%
Indium	115-1				116		%
Indium	115-2				110		%
Iron	56-2	49.08	47.64	49.90	48.87	2.34	ppb
Iron	57-2	52.91	41.81	48.22	47.65	11.69	ppb
Lead	206-1	30.88	30.35	31.64	30.96	2.10	ppb
Lead	207-1	24.84	25.04	25.80	25.23	2.02	ppb
Lead	208-1	27.28	27.05	27.98	27.44	1.77	ppb
Lithium	6-1				121		%
Magnesium	24-2	66739.80	66825.63	67824.40	67129.95	0.90	ppb
Manganese	55-2	21.19	19.36	20.54	20.36	4.56	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-10	Instrumnet Name :	P8
Client Sample ID :	MGA543	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:21:57	DataFile Name :	040SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.69	0.77	0.87	0.78	11.34	ppb
Molybdenum	95-1	1.06	0.89	1.03	1.00	9.05	ppb
Molybdenum	96-1	0.93	1.00	0.98	0.97	3.83	ppb
Molybdenum	97-1	1.01	1.06	0.97	1.01	4.50	ppb
Molybdenum	98-1	1.05	1.07	1.01	1.04	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.30	37.33	38.22	37.62	1.39	ppb
Phosphorus	31-2	-10.34	29.28	-10.34	2.87	797.84	ppb
Potassium	39-2	3665.75	3559.69	3548.86	3591.43	1.80	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	5.04	1.68	173.21	ppb
Selenium	78-2	1.23	0.41	-0.38	0.42	192.84	ppb
Selenium	82-1	-0.17	0.20	0.08	0.04	510.43	ppb
Silicon	28-1	5500.02	5504.98	5502.79	5502.60	0.05	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.62	ppb
Silver	107-1	0.03	0.04	0.04	0.04	13.22	ppb
Sodium	23-2	7800.81	7761.40	7943.42	7835.21	1.22	ppb
Strontium	86-1	241.11	240.72	241.43	241.08	0.15	ppb
Strontium	88-1	247.14	248.62	247.60	247.79	0.30	ppb
Sulfur	34-1	69657.44	69777.73	70117.79	69850.99	0.34	ppb
Terbium	159-1				120		%
Terbium	159-2				114		%
Thallium	203-1	0.08	0.07	0.08	0.08	4.82	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	3.08	ppb
Tin	118-1	0.01	-0.02	-0.05	-0.02		ppb
Titanium	47-1	0.20	0.23	0.15	0.19	23.02	ppb
Uranium	238-1	2.71	2.65	2.77	2.71	2.17	ppb
Vanadium	51-2	0.12	0.07	0.05	0.08	47.40	ppb
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	230.70	229.74	234.62	231.69	1.11	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	12.43	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-10	Instrumnet Name :	P8
Client Sample ID :	MGA543	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:21:57	DataFile Name :	040SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.05	0.05	12.35	ppb

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I7018-11 Instrumnet Name : P8
 Client Sample ID : MGA544 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 15:25:02 DataFile Name : 041SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	714.23	670.83	694.52	693.19	3.13	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	21.92	ppb
Arsenic	75-2	6.76	8.44	8.90	8.03	13.98	ppb
Barium	135-1	40.11	40.30	40.01	40.14	0.37	ppb
Barium	137-1	39.36	39.85	40.27	39.83	1.15	ppb
Beryllium	9-1	9.52	9.63	9.45	9.53	0.93	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	26.97	27.90	23.97	26.28	7.82	ppb
Boron	11-1	25.98	25.83	25.40	25.74	1.18	ppb
Cadmium	111-1	8.92	9.34	9.11	9.12	2.33	ppb
Cadmium	106-1	6.70	9.50	8.72	8.31	17.37	ppb
Cadmium	108-1	8.24	8.46	8.55	8.42	1.90	ppb
Calcium	43-1	256.02	260.33	253.30	256.55	1.38	ppb
Calcium	44-1	240.63	241.38	244.58	242.20	0.87	ppb
Chromium	52-2	15.23	14.73	14.56	14.84	2.36	ppb
Cobalt	59-2	14.39	14.43	14.14	14.32	1.10	ppb
Copper	63-2	0.19	0.24	0.25	0.23	15.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	469.29	460.36	461.38	463.68	1.05	ppb
Iron	57-2	468.87	445.25	454.17	456.10	2.61	ppb
Lead	206-1	11.75	11.64	11.84	11.75	0.85	ppb
Lead	207-1	11.00	11.22	11.54	11.26	2.39	ppb
Lead	208-1	11.28	11.48	11.63	11.47	1.53	ppb
Lithium	6-1				113		%
Magnesium	24-2	603.88	603.52	589.46	598.95	1.37	ppb
Manganese	55-2	9.27	8.95	8.53	8.92	4.19	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-11	Instrumnet Name :	P8
Client Sample ID :	MGA544	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:25:02	DataFile Name :	041SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.03	0.02	52.68	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.03	0.00	0.01	198.60	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.43	10.66	10.44	10.51	1.25	ppb
Phosphorus	31-2	11.10	-10.34	11.11	3.96	312.90	ppb
Potassium	39-2	832.11	831.16	799.66	820.98	2.25	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	21.78	21.75	10.96	18.17	34.33	ppb
Selenium	78-2	10.22	17.22	20.90	16.11	33.66	ppb
Selenium	82-1	13.50	14.73	15.33	14.52	6.40	ppb
Silicon	28-1	-35.20	-34.22	-31.76	-33.73		ppb
Silver	109-1	8.10	8.20	8.08	8.13	0.80	ppb
Silver	107-1	8.29	8.19	8.29	8.26	0.70	ppb
Sodium	23-2	1417.59	1362.49	1377.83	1385.97	2.05	ppb
Strontium	86-1	-0.08	-0.04	0.00	-0.04		ppb
Strontium	88-1	0.02	0.02	0.03	0.03	15.76	ppb
Sulfur	34-1	733.71	737.60	784.10	751.80	3.73	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	17.58	17.74	17.58	17.64	0.53	ppb
Thallium	205-1	17.52	17.87	18.00	17.80	1.38	ppb
Tin	118-1	0.02	-0.02	0.00	0.00		ppb
Titanium	47-1	0.00	-0.05	-0.03	-0.03		ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	5.56	5.75	5.59	5.63	1.83	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	16.90	15.42	17.66	16.66	6.83	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	92.85	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-11	Instrumnet Name :	P8
Client Sample ID :	MGA544	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:25:02	DataFile Name :	041SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.10	0.04	114.08	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:28:10	DataFile Name :	042SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92.41	107.57	90.85	96.94	9.53	ppb
Antimony	121-1	0.82	0.83	0.84	0.83	0.96	ppb
Arsenic	75-2	2.05	1.76	1.84	1.88	8.03	ppb
Barium	135-1	10.84	10.85	11.71	11.13	4.51	ppb
Barium	137-1	11.08	10.84	13.07	11.67	10.51	ppb
Beryllium	9-1	0.05	0.07	0.04	0.05	28.46	ppb
Bismuth	209-1				74		%
Bismuth	209-2				82		%
Boron	10-1	3852.51	3838.87	4196.65	3962.67	5.12	ppb
Boron	11-1	4121.15	4157.05	4541.23	4273.14	5.45	ppb
Cadmium	111-1	0.14	0.07	0.02	0.08	84.54	ppb
Cadmium	106-1	1.11	-0.25	-0.31	0.18	439.26	ppb
Cadmium	108-1	0.16	0.01	0.19	0.12	77.86	ppb
Calcium	43-1	296893.56	303295.95	330992.12	310393.87	5.84	ppb
Calcium	44-1	296928.47	297248.98	329112.92	307763.46	6.01	ppb
Chromium	52-2	0.54	0.53	0.57	0.55	3.46	ppb
Cobalt	59-2	0.08	0.04	0.08	0.07	28.33	ppb
Copper	63-2	2.20	2.37	2.34	2.30	3.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				93		%
Indium	115-1				81		%
Indium	115-2				92		%
Iron	56-2	147.81	143.47	150.38	147.22	2.37	ppb
Iron	57-2	159.82	159.58	128.50	149.30	12.07	ppb
Lead	206-1	0.59	0.62	0.63	0.61	3.29	ppb
Lead	207-1	0.55	0.53	0.60	0.56	6.24	ppb
Lead	208-1	0.57	0.57	0.61	0.58	4.52	ppb
Lithium	6-1				84		%
Magnesium	24-2	923989.86	917261.75	945660.43	928970.68	1.60	ppb
Manganese	55-2	14.52	14.43	14.85	14.60	1.52	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:28:10	DataFile Name :	042SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.87	5.76	6.44	6.02	6.09	ppb
Molybdenum	95-1	8.06	7.78	8.83	8.22	6.65	ppb
Molybdenum	96-1	7.78	7.31	8.47	7.85	7.39	ppb
Molybdenum	97-1	8.29	8.26	9.14	8.56	5.82	ppb
Molybdenum	98-1	7.93	8.14	8.88	8.31	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.07	0.10	0.06	64.02	ppb
Phosphorus	31-2	54.62	115.65	138.74	103.00	42.20	ppb
Potassium	39-2	305875.90	305506.55	311801.07	307727.84	1.15	ppb
Rhodium	103-1				78		%
Rhodium	103-2				84		%
Scandium	45-1				90		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	11.46	3.82	173.21	ppb
Selenium	78-2	-1.20	-1.20	2.50	0.03	6168.55	ppb
Selenium	82-1	20.46	14.09	12.62	15.72	26.49	ppb
Silicon	28-1	1483.15	1532.31	1706.82	1574.09	7.47	ppb
Silver	109-1	0.08	0.07	0.11	0.08	23.24	ppb
Silver	107-1	0.10	0.08	0.09	0.09	14.54	ppb
Sodium	23-2	7769965.79	7795238.66	7954242.19	7839815.55	1.27	ppb
Strontium	86-1	5688.45	5544.41	6145.25	5792.70	5.42	ppb
Strontium	88-1	5792.29	5597.81	6228.08	5872.73	5.50	ppb
Sulfur	34-1	599057.91	605392.16	675874.14	626774.74	6.80	ppb
Terbium	159-1				82		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	0.00	0.03	0.01	318.69	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	35.87	ppb
Tin	118-1	0.30	0.33	0.32	0.31	4.92	ppb
Titanium	47-1	5.33	5.66	6.12	5.70	6.98	ppb
Uranium	238-1	2.45	2.52	2.76	2.58	6.28	ppb
Vanadium	51-2	2.22	2.23	2.34	2.26	2.93	ppb
Yttrium	89-1				87		%
Yttrium	89-2				96		%
Zinc	66-2	3.41	3.89	4.54	3.95	14.35	ppb
Zirconium	90-1	0.03	0.05	0.03	0.04	25.13	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:28:10	DataFile Name :	042SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.08	0.08	0.07	34.46	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:31:18	DataFile Name :	043SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.82	14.43	22.45	18.90	21.62	ppb
Antimony	121-1	0.18	0.17	0.16	0.17	5.34	ppb
Arsenic	75-2	0.32	0.43	0.46	0.40	18.27	ppb
Barium	135-1	2.01	2.05	2.34	2.13	8.60	ppb
Barium	137-1	2.08	2.13	2.01	2.07	2.92	ppb
Beryllium	9-1	0.06	0.00	0.06	0.04	81.87	ppb
Bismuth	209-1				85		%
Bismuth	209-2				96		%
Boron	10-1	792.12	782.54	773.95	782.87	1.16	ppb
Boron	11-1	825.84	815.62	835.04	825.50	1.18	ppb
Cadmium	111-1	0.02	0.11	0.03	0.05	98.31	ppb
Cadmium	106-1	0.36	1.36	0.44	0.72	77.48	ppb
Cadmium	108-1	0.13	0.00	0.22	0.12	91.27	ppb
Calcium	43-1	57045.73	57669.07	57252.70	57322.50	0.55	ppb
Calcium	44-1	57080.75	57731.04	57084.88	57298.89	0.65	ppb
Chromium	52-2	0.08	0.07	0.08	0.07	9.40	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.54	0.49	0.48	0.50	6.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				106		%
Indium	115-1				95		%
Indium	115-2				106		%
Iron	56-2	29.04	28.82	27.99	28.62	1.94	ppb
Iron	57-2	23.43	22.00	24.10	23.18	4.63	ppb
Lead	206-1	0.10	0.08	0.08	0.08	16.22	ppb
Lead	207-1	0.08	0.07	0.09	0.08	12.11	ppb
Lead	208-1	0.08	0.08	0.08	0.08	2.85	ppb
Lithium	6-1				96		%
Magnesium	24-2	181536.97	182677.45	182235.73	182150.05	0.32	ppb
Manganese	55-2	2.85	2.89	2.69	2.81	3.86	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:31:18	DataFile Name :	043SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.19	1.03	1.05	1.09	8.24	ppb
Molybdenum	95-1	1.56	1.59	1.59	1.58	1.04	ppb
Molybdenum	96-1	1.47	1.44	1.49	1.47	1.45	ppb
Molybdenum	97-1	1.41	1.61	1.69	1.57	9.20	ppb
Molybdenum	98-1	1.47	1.40	1.60	1.49	6.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.51	-0.53	-0.57	-0.54		ppb
Phosphorus	31-2	27.84	8.83	8.66	15.11	72.98	ppb
Potassium	39-2	59011.89	59012.68	59027.14	59017.24	0.01	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				111		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.88	-1.20	0.42	0.70	292.12	ppb
Selenium	82-1	4.03	3.86	3.71	3.87	4.10	ppb
Silicon	28-1	282.58	295.14	285.79	287.84	2.27	ppb
Silver	109-1	0.03	0.02	0.03	0.02	33.80	ppb
Silver	107-1	0.01	0.02	0.01	0.02	25.85	ppb
Sodium	23-2	1535592.72	1540574.85	1516874.30	1531013.96	0.82	ppb
Strontium	86-1	1103.62	1098.97	1113.62	1105.40	0.68	ppb
Strontium	88-1	1083.16	1104.26	1098.69	1095.37	1.00	ppb
Sulfur	34-1	117243.66	118458.47	118802.65	118168.26	0.69	ppb
Terbium	159-1				95		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	0.00	-0.01		ppb
Tin	118-1	0.05	0.09	0.07	0.07	26.02	ppb
Titanium	47-1	1.07	0.90	1.24	1.07	16.17	ppb
Uranium	238-1	0.45	0.47	0.48	0.47	3.25	ppb
Vanadium	51-2	0.49	0.49	0.47	0.48	2.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				110		%
Zinc	66-2	0.96	1.06	0.98	1.00	5.18	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:31:18	DataFile Name :	043SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.02	0.01	265.50	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:34:24	DataFile Name :	044SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2077.51	2083.49	2130.39	2097.13	1.38	ppb
Antimony	121-1	109.06	109.72	115.41	111.40	3.13	ppb
Arsenic	75-2	42.54	41.89	42.05	42.16	0.80	ppb
Barium	135-1	2026.24	2017.18	2093.66	2045.69	2.04	ppb
Barium	137-1	1987.49	1977.08	2085.14	2016.57	2.96	ppb
Beryllium	9-1	58.94	58.79	59.85	59.19	0.97	ppb
Bismuth	209-1				70		%
Bismuth	209-2				79		%
Boron	10-1	4209.77	4227.99	4423.47	4287.07	2.76	ppb
Boron	11-1	4543.56	4617.06	4753.33	4637.98	2.29	ppb
Cadmium	111-1	50.69	51.72	54.70	52.37	3.98	ppb
Cadmium	106-1	43.57	46.47	52.67	47.57	9.77	ppb
Cadmium	108-1	45.38	48.12	49.43	47.65	4.34	ppb
Calcium	43-1	307965.08	313995.44	325345.90	315768.80	2.79	ppb
Calcium	44-1	306493.15	308091.55	320697.93	311760.88	2.50	ppb
Chromium	52-2	195.14	194.00	194.77	194.63	0.30	ppb
Cobalt	59-2	458.90	452.88	453.96	455.25	0.70	ppb
Copper	63-2	213.94	212.82	212.91	213.22	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				80		%
Holmium	165-2				91		%
Indium	115-1				81		%
Indium	115-2				90		%
Iron	56-2	979.34	985.32	977.09	980.58	0.43	ppb
Iron	57-2	959.13	900.90	1002.77	954.27	5.36	ppb
Lead	206-1	20.28	20.79	21.89	20.99	3.92	ppb
Lead	207-1	20.01	20.36	20.94	20.44	2.30	ppb
Lead	208-1	20.02	20.33	21.17	20.50	2.89	ppb
Lithium	6-1				81		%
Magnesium	24-2	971305.20	967183.30	979115.91	972534.80	0.62	ppb
Manganese	55-2	496.03	492.75	502.15	496.97	0.96	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:34:24	DataFile Name :	044SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.91	5.76	6.06	5.91	2.58	ppb
Molybdenum	95-1	8.33	8.33	8.88	8.51	3.74	ppb
Molybdenum	96-1	7.96	7.60	8.27	7.94	4.23	ppb
Molybdenum	97-1	9.38	8.87	9.38	9.21	3.17	ppb
Molybdenum	98-1	8.03	8.02	8.53	8.19	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	447.20	438.87	440.64	442.24	0.99	ppb
Phosphorus	31-2	120.44	142.70	119.77	127.64	10.22	ppb
Potassium	39-2	322152.45	323019.47	324342.43	323171.45	0.34	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	77-2	110.56	134.25	87.10	110.64	21.31	ppb
Selenium	78-2	91.71	96.70	119.60	102.67	14.49	ppb
Selenium	82-1	109.06	99.25	98.99	102.44	5.60	ppb
Silicon	28-1	1412.01	1404.91	1484.43	1433.78	3.07	ppb
Silver	109-1	49.08	48.98	51.55	49.87	2.92	ppb
Silver	107-1	49.78	49.07	52.18	50.34	3.24	ppb
Sodium	23-2	8303207.44	8163769.15	8283071.47	8250016.02	0.91	ppb
Strontium	86-1	5834.80	5708.35	6125.59	5889.58	3.63	ppb
Strontium	88-1	5949.95	5805.65	6227.70	5994.43	3.58	ppb
Sulfur	34-1	632236.49	629073.85	653587.91	638299.42	2.09	ppb
Terbium	159-1				81		%
Terbium	159-2				92		%
Thallium	203-1	52.54	53.07	54.27	53.29	1.66	ppb
Thallium	205-1	52.95	52.99	56.40	54.11	3.65	ppb
Tin	118-1	0.32	0.30	0.33	0.32	4.85	ppb
Titanium	47-1	2.17	2.91	3.14	2.74	18.53	ppb
Uranium	238-1	2.50	2.53	2.71	2.58	4.29	ppb
Vanadium	51-2	512.04	504.60	503.06	506.57	0.95	ppb
Yttrium	89-1				88		%
Yttrium	89-2				95		%
Zinc	66-2	425.98	422.45	417.29	421.91	1.04	ppb
Zirconium	90-1	0.04	0.03	0.05	0.04	28.77	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:34:24	DataFile Name :	044SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.10	0.07	35.73	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:37:32	DataFile Name :	045SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.86	24.66	11.45	15.99	46.96	ppb
Antimony	121-1	0.78	0.75	0.68	0.74	6.67	ppb
Arsenic	75-2	1.86	1.52	2.59	1.99	27.49	ppb
Barium	135-1	11.14	11.01	10.72	10.96	1.96	ppb
Barium	137-1	10.76	10.83	11.01	10.87	1.21	ppb
Beryllium	9-1	0.05	0.05	0.09	0.06	40.34	ppb
Bismuth	209-1				66		%
Bismuth	209-2				79		%
Boron	10-1	4089.82	4072.58	4081.52	4081.31	0.21	ppb
Boron	11-1	4400.98	4401.70	4416.51	4406.40	0.20	ppb
Cadmium	111-1	0.16	0.08	0.12	0.12	35.30	ppb
Cadmium	106-1	1.94	0.54	0.73	1.07	70.74	ppb
Cadmium	108-1	0.29	0.40	0.13	0.27	49.21	ppb
Calcium	43-1	303530.51	301709.25	300877.83	302039.20	0.45	ppb
Calcium	44-1	303510.88	299571.38	297833.24	300305.17	0.97	ppb
Chromium	52-2	0.27	0.19	0.27	0.24	19.46	ppb
Cobalt	59-2	0.00	0.00	0.04	0.01	198.25	ppb
Copper	63-2	1.72	1.62	1.66	1.67	3.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				76		%
Holmium	165-2				92		%
Indium	115-1				79		%
Indium	115-2				93		%
Iron	56-2	31.63	31.68	32.72	32.01	1.92	ppb
Iron	57-2	35.81	36.36	34.63	35.60	2.48	ppb
Lead	206-1	0.13	0.17	0.14	0.15	14.70	ppb
Lead	207-1	0.13	0.16	0.13	0.14	13.72	ppb
Lead	208-1	0.12	0.15	0.13	0.13	8.09	ppb
Lithium	6-1				78		%
Magnesium	24-2	950797.20	905493.12	925488.28	927259.54	2.45	ppb
Manganese	55-2	8.42	8.78	8.88	8.69	2.80	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:37:32	DataFile Name :	045SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.52	5.83	5.65	5.67	2.71	ppb
Molybdenum	95-1	8.38	8.08	7.86	8.11	3.21	ppb
Molybdenum	96-1	7.93	7.70	7.66	7.76	1.86	ppb
Molybdenum	97-1	8.40	8.18	8.78	8.46	3.60	ppb
Molybdenum	98-1	7.89	8.01	8.03	7.98	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.10	0.26	0.20	42.92	ppb
Phosphorus	31-2	183.84	114.06	115.29	137.73	29.00	ppb
Potassium	39-2	316618.50	310319.09	312632.25	313189.95	1.02	ppb
Rhodium	103-1				76		%
Rhodium	103-2				83		%
Scandium	45-1				91		%
Scandium	45-2				100		%
Selenium	77-2	0.00	5.66	11.42	5.69	100.29	ppb
Selenium	78-2	0.65	0.63	-0.28	0.33	158.93	ppb
Selenium	82-1	5.07	2.15	-2.21	1.67	219.52	ppb
Silicon	28-1	1404.52	1381.89	1384.22	1390.21	0.90	ppb
Silver	109-1	0.06	0.04	0.03	0.04	35.70	ppb
Silver	107-1	0.05	0.06	0.05	0.05	7.69	ppb
Sodium	23-2	7988182.40	7752927.89	7881702.12	7874270.80	1.50	ppb
Strontium	86-1	5630.68	5701.60	5664.45	5665.58	0.63	ppb
Strontium	88-1	5677.97	5763.35	5746.55	5729.29	0.79	ppb
Sulfur	34-1	611619.51	610456.50	608897.53	610324.51	0.22	ppb
Terbium	159-1				77		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.00	0.01	0.01	183.31	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	198.32	ppb
Tin	118-1	0.27	0.31	0.23	0.27	14.60	ppb
Titanium	47-1	3.43	2.54	2.62	2.86	17.22	ppb
Uranium	238-1	2.52	2.50	2.48	2.50	0.80	ppb
Vanadium	51-2	2.07	2.36	2.39	2.27	7.88	ppb
Yttrium	89-1				85		%
Yttrium	89-2				98		%
Zinc	66-2	2.64	2.03	2.46	2.38	13.15	ppb
Zirconium	90-1	0.01	0.03	0.01	0.01	66.64	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:37:32	DataFile Name :	045SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.05	0.04	35.38	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:40:39	DataFile Name :	046SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.09	7.59	6.22	5.30	54.10	ppb
Antimony	121-1	0.17	0.19	0.15	0.17	11.75	ppb
Arsenic	75-2	0.45	0.36	0.42	0.41	10.64	ppb
Barium	135-1	1.97	2.06	2.10	2.04	3.21	ppb
Barium	137-1	2.06	2.01	2.08	2.05	1.97	ppb
Beryllium	9-1	0.05	0.01	0.01	0.02	101.06	ppb
Bismuth	209-1				78		%
Bismuth	209-2				93		%
Boron	10-1	812.30	827.82	824.12	821.41	0.99	ppb
Boron	11-1	851.86	868.72	874.36	864.98	1.35	ppb
Cadmium	111-1	0.01	0.09	0.10	0.06	80.40	ppb
Cadmium	106-1	0.00	1.07	1.45	0.84	89.02	ppb
Cadmium	108-1	0.15	-0.04	0.01	0.04	228.37	ppb
Calcium	43-1	57143.59	58219.93	57752.45	57705.32	0.94	ppb
Calcium	44-1	57396.73	58259.96	58441.40	58032.69	0.96	ppb
Chromium	52-2	0.07	0.08	0.01	0.05	75.20	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.39	0.42	0.39	0.40	4.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				103		%
Indium	115-1				91		%
Indium	115-2				106		%
Iron	56-2	5.58	6.04	6.09	5.90	4.77	ppb
Iron	57-2	4.02	4.44	6.01	4.82	21.68	ppb
Lead	206-1	0.02	0.01	0.01	0.01	47.95	ppb
Lead	207-1	0.02	0.01	0.01	0.01	41.40	ppb
Lead	208-1	0.01	0.02	0.01	0.01	20.52	ppb
Lithium	6-1				90		%
Magnesium	24-2	181563.44	181283.15	180661.31	181169.30	0.25	ppb
Manganese	55-2	1.58	1.71	1.68	1.66	4.19	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:40:39	DataFile Name :	046SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.01	1.19	1.03	1.08	8.92	ppb
Molybdenum	95-1	1.50	1.50	1.67	1.56	6.32	ppb
Molybdenum	96-1	1.52	1.44	1.53	1.50	3.26	ppb
Molybdenum	97-1	1.62	1.61	1.67	1.64	1.95	ppb
Molybdenum	98-1	1.54	1.56	1.48	1.53	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.56	-0.52	-0.59	-0.56		ppb
Phosphorus	31-2	8.78	47.26	47.25	34.43	64.52	ppb
Potassium	39-2	59388.82	59561.20	59525.21	59491.74	0.15	ppb
Rhodium	103-1				89		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				110		%
Selenium	77-2	5.09	5.14	5.14	5.12	0.59	ppb
Selenium	78-2	0.44	-1.20	-0.37	-0.37		ppb
Selenium	82-1	1.81	0.84	2.06	1.57	41.16	ppb
Silicon	28-1	256.71	270.97	268.06	265.25	2.84	ppb
Silver	109-1	0.02	0.01	0.04	0.03	53.89	ppb
Silver	107-1	0.03	0.03	0.04	0.03	19.75	ppb
Sodium	23-2	1535837.08	1523713.64	1537012.39	1532187.70	0.48	ppb
Strontium	86-1	1119.53	1094.88	1132.36	1115.59	1.71	ppb
Strontium	88-1	1100.09	1096.95	1132.16	1109.73	1.76	ppb
Sulfur	34-1	118110.00	119825.64	120131.09	119355.58	0.91	ppb
Terbium	159-1				88		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	0.00	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.02		ppb
Tin	118-1	0.10	0.11	0.10	0.10	2.85	ppb
Titanium	47-1	0.35	0.47	0.30	0.37	24.07	ppb
Uranium	238-1	0.46	0.48	0.43	0.46	6.24	ppb
Vanadium	51-2	0.42	0.43	0.38	0.41	7.32	ppb
Yttrium	89-1				96		%
Yttrium	89-2				108		%
Zinc	66-2	0.62	0.67	0.48	0.59	16.43	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:40:39	DataFile Name :	046SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.00	0.00	228.77	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:43:46	DataFile Name :	047SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2067.61	1969.51	2243.69	2093.60	6.64	ppb
Antimony	121-1	109.63	108.65	109.11	109.13	0.45	ppb
Arsenic	75-2	42.53	42.12	42.23	42.29	0.50	ppb
Barium	135-1	2139.49	2101.87	2118.06	2119.81	0.89	ppb
Barium	137-1	2100.80	2068.22	2100.59	2089.87	0.90	ppb
Beryllium	9-1	57.76	56.48	58.21	57.48	1.56	ppb
Bismuth	209-1				66		%
Bismuth	209-2				79		%
Boron	10-1	4111.00	4021.56	4155.99	4096.18	1.67	ppb
Boron	11-1	4478.28	4408.35	4475.63	4454.09	0.89	ppb
Cadmium	111-1	50.71	49.76	51.55	50.67	1.77	ppb
Cadmium	106-1	50.21	43.92	44.99	46.37	7.26	ppb
Cadmium	108-1	47.76	46.44	44.46	46.22	3.59	ppb
Calcium	43-1	301536.33	307616.23	309075.19	306075.92	1.31	ppb
Calcium	44-1	299449.98	305013.41	306349.43	303604.27	1.21	ppb
Chromium	52-2	189.70	187.45	186.72	187.96	0.83	ppb
Cobalt	59-2	443.34	439.51	434.97	439.27	0.95	ppb
Copper	63-2	207.80	206.90	203.46	206.05	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				77		%
Holmium	165-2				91		%
Indium	115-1				79		%
Indium	115-2				92		%
Iron	56-2	1096.47	1074.79	1074.25	1081.84	1.17	ppb
Iron	57-2	1042.10	1042.53	1086.88	1057.17	2.43	ppb
Lead	206-1	21.10	21.24	21.18	21.17	0.32	ppb
Lead	207-1	20.99	20.53	19.84	20.45	2.83	ppb
Lead	208-1	20.68	20.62	20.49	20.59	0.47	ppb
Lithium	6-1				80		%
Magnesium	24-2	940800.00	923676.30	930134.63	931536.97	0.93	ppb
Manganese	55-2	502.25	491.07	488.40	493.91	1.49	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:43:46	DataFile Name :	047SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.70	5.79	5.80	5.76	0.91	ppb
Molybdenum	95-1	8.05	8.08	8.14	8.09	0.56	ppb
Molybdenum	96-1	7.74	7.43	7.75	7.64	2.42	ppb
Molybdenum	97-1	8.46	8.95	8.71	8.71	2.83	ppb
Molybdenum	98-1	7.81	7.87	8.21	7.96	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	431.36	421.83	422.65	425.28	1.24	ppb
Phosphorus	31-2	75.27	138.58	10.58	74.81	85.55	ppb
Potassium	39-2	319146.92	313387.31	310333.57	314289.26	1.42	ppb
Rhodium	103-1				76		%
Rhodium	103-2				82		%
Scandium	45-1				91		%
Scandium	45-2				100		%
Selenium	77-2	79.74	104.43	107.71	97.29	15.71	ppb
Selenium	78-2	116.37	114.82	97.54	109.57	9.54	ppb
Selenium	82-1	106.26	97.91	91.14	98.44	7.70	ppb
Silicon	28-1	1611.45	1634.69	1632.21	1626.12	0.78	ppb
Silver	109-1	49.21	48.65	49.09	48.98	0.60	ppb
Silver	107-1	49.99	49.96	49.84	49.93	0.16	ppb
Sodium	23-2	8015369.25	7907294.61	7893177.01	7938613.62	0.84	ppb
Strontium	86-1	5705.58	5665.88	5695.22	5688.89	0.36	ppb
Strontium	88-1	5791.03	5768.33	5829.50	5796.29	0.53	ppb
Sulfur	34-1	605909.50	625164.22	618499.84	616524.52	1.59	ppb
Terbium	159-1				78		%
Terbium	159-2				93		%
Thallium	203-1	53.22	51.99	52.88	52.70	1.20	ppb
Thallium	205-1	53.59	53.59	53.01	53.40	0.63	ppb
Tin	118-1	0.35	0.37	0.30	0.34	11.66	ppb
Titanium	47-1	5.59	6.55	6.81	6.32	10.23	ppb
Uranium	238-1	2.54	2.54	2.47	2.51	1.45	ppb
Vanadium	51-2	493.32	493.23	489.82	492.12	0.40	ppb
Yttrium	89-1				85		%
Yttrium	89-2				97		%
Zinc	66-2	413.18	410.66	408.27	410.70	0.60	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	17.11	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:43:46	DataFile Name :	047SMPL_P8122217MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.07	0.08	11.08	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:46:54	DataFile Name :	048CCV_P8122217MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53576.42	54112.13	51756.19	53148.25	2.32	ppb
Antimony	121-1	472.14	469.04	475.06	472.08	0.64	ppb
Arsenic	75-2	519.59	513.28	498.51	510.46	2.12	ppb
Barium	135-1	2648.01	2620.55	2629.85	2632.80	0.53	ppb
Barium	137-1	2584.65	2573.76	2590.42	2582.94	0.33	ppb
Beryllium	9-1	509.84	504.03	509.65	507.84	0.65	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	581.56	594.06	596.81	590.81	1.38	ppb
Boron	11-1	582.44	593.04	598.78	591.42	1.40	ppb
Cadmium	111-1	504.01	504.91	504.08	504.33	0.10	ppb
Cadmium	106-1	496.64	506.22	514.47	505.78	1.76	ppb
Cadmium	108-1	509.28	520.89	509.43	513.20	1.30	ppb
Calcium	43-1	241679.17	241128.82	241949.34	241585.78	0.17	ppb
Calcium	44-1	243231.92	241911.68	240903.59	242015.73	0.48	ppb
Chromium	52-2	505.17	508.07	482.97	498.73	2.75	ppb
Cobalt	59-2	474.74	480.28	457.50	470.84	2.52	ppb
Copper	63-2	909.61	925.35	877.38	904.11	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	123778.24	124535.79	119629.10	122647.71	2.15	ppb
Iron	57-2	124790.81	124415.60	120092.32	123099.58	2.12	ppb
Lead	206-1	519.65	515.84	509.58	515.02	0.99	ppb
Lead	207-1	504.97	507.98	517.64	510.20	1.30	ppb
Lead	208-1	513.70	511.55	514.46	513.24	0.29	ppb
Lithium	6-1				110		%
Magnesium	24-2	259309.55	259185.77	249499.14	255998.16	2.20	ppb
Manganese	55-2	1010.47	1026.03	972.97	1003.16	2.72	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:46:54	DataFile Name :	048CCV_P8122217MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2524.22	2511.20	2506.07	2513.83	0.37	ppb
Molybdenum	95-1	2496.18	2491.21	2505.76	2497.71	0.30	ppb
Molybdenum	96-1	2522.49	2488.42	2489.33	2500.08	0.78	ppb
Molybdenum	97-1	2523.56	2473.38	2518.03	2504.99	1.10	ppb
Molybdenum	98-1	2519.66	2481.78	2507.79	2503.08	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.61	478.82	458.55	470.33	2.24	ppb
Phosphorus	31-2	11573.94	10178.68	10342.78	10698.47	7.13	ppb
Potassium	39-2	138695.45	138738.80	131706.48	136380.24	2.97	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	429.60	696.23	581.86	569.23	23.50	ppb
Selenium	78-2	589.46	556.68	515.74	553.96	6.67	ppb
Selenium	82-1	502.97	491.27	488.98	494.41	1.52	ppb
Silicon	28-1	539.70	539.66	543.90	541.09	0.45	ppb
Silver	109-1	523.77	526.17	518.54	522.83	0.75	ppb
Silver	107-1	522.08	523.94	519.73	521.92	0.41	ppb
Sodium	23-2	264514.77	266874.73	252194.81	261194.77	3.02	ppb
Strontium	86-1	513.55	507.30	509.36	510.07	0.63	ppb
Strontium	88-1	525.03	510.84	516.85	517.57	1.38	ppb
Sulfur	34-1	9875.67	9375.23	9582.31	9611.07	2.62	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	524.96	517.33	521.27	521.18	0.73	ppb
Thallium	205-1	517.51	513.24	512.51	514.42	0.53	ppb
Tin	118-1	539.84	528.86	531.24	533.31	1.08	ppb
Titanium	47-1	2529.27	2543.89	2541.78	2538.31	0.31	ppb
Uranium	238-1	509.07	506.70	505.59	507.12	0.35	ppb
Vanadium	51-2	504.55	504.86	486.23	498.55	2.14	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	922.55	933.24	893.70	916.50	2.23	ppb
Zirconium	90-1	509.32	504.61	508.79	507.57	0.51	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:46:54	DataFile Name :	048CCV_P8122217MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.60	498.28	501.08	502.32	0.95	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:51:19	DataFile Name :	049CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.57	3.77	6.60	5.65	28.76	ppb
Antimony	121-1	0.17	0.18	0.18	0.18	5.70	ppb
Arsenic	75-2	0.05	0.00	0.04	0.03	98.90	ppb
Barium	135-1	0.04	0.03	0.07	0.05	47.46	ppb
Barium	137-1	0.05	0.07	0.07	0.06	18.23	ppb
Beryllium	9-1	0.26	0.21	0.14	0.21	29.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	47.42	43.51	43.89	44.94	4.80	ppb
Boron	11-1	51.05	47.81	46.73	48.53	4.63	ppb
Cadmium	111-1	-0.08	0.08	0.02	0.01	1099.79	ppb
Cadmium	106-1	-1.38	1.18	0.13	-0.02		ppb
Cadmium	108-1	-0.08	0.12	0.11	0.05	230.34	ppb
Calcium	43-1	-10.09	-2.18	-6.74	-6.34		ppb
Calcium	44-1	-7.13	-9.12	-5.85	-7.37		ppb
Chromium	52-2	-0.05	-0.13	-0.01	-0.06		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	225.34	ppb
Copper	63-2	0.15	0.12	0.13	0.13	10.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	6.97	4.71	5.11	5.60	21.58	ppb
Iron	57-2	6.85	3.26	0.34	3.48	93.56	ppb
Lead	206-1	0.02	0.05	0.03	0.03	49.61	ppb
Lead	207-1	0.02	0.05	0.05	0.04	40.52	ppb
Lead	208-1	0.02	0.05	0.04	0.04	33.89	ppb
Lithium	6-1				115		%
Magnesium	24-2	19.05	15.25	13.22	15.84	18.67	ppb
Manganese	55-2	0.16	-0.04	-0.01	0.03	327.18	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:51:19	DataFile Name :	049CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.13	0.16	0.15	8.13	ppb
Molybdenum	95-1	0.14	0.15	0.14	0.15	5.41	ppb
Molybdenum	96-1	0.13	0.16	0.13	0.14	14.71	ppb
Molybdenum	97-1	0.17	0.19	0.13	0.16	19.69	ppb
Molybdenum	98-1	0.14	0.16	0.14	0.15	6.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.63	-0.74	-0.65	-0.67		ppb
Phosphorus	31-2	29.71	30.14	9.74	23.20	50.26	ppb
Potassium	39-2	97.99	93.62	83.29	91.63	8.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.49	1.34	-1.20	0.21	612.63	ppb
Selenium	82-1	-1.26	-0.24	-0.36	-0.62		ppb
Silicon	28-1	-33.28	-35.22	-33.12	-33.87		ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.91	ppb
Silver	107-1	0.04	0.04	0.03	0.04	17.55	ppb
Sodium	23-2	2726.20	2672.54	2651.18	2683.31	1.44	ppb
Strontium	86-1	-0.02	0.01	-0.06	-0.02		ppb
Strontium	88-1	0.02	0.02	0.03	0.03	13.38	ppb
Sulfur	34-1	-1472.57	-1670.12	-1584.50	-1575.73		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.06	0.04	0.04	39.75	ppb
Thallium	205-1	0.03	0.06	0.05	0.04	35.43	ppb
Tin	118-1	0.06	0.05	0.09	0.07	29.09	ppb
Titanium	47-1	0.13	0.03	0.01	0.05	119.55	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.64	ppb
Vanadium	51-2	0.01	0.02	0.04	0.02	58.74	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	-0.01	0.14	0.12	0.08	93.23	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	15.28	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:51:19	DataFile Name :	049CCBE_P8122217MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.04	0.04	22.53	ppb

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:42:51	DataFile Name :	004CALB_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	17	11	43.34	cps
Antimony	121-1	8	8	33	17	86.62	cps
Arsenic	75-2	0	7	4	4	100.05	cps
Barium	135-1	42	8	42	31	62.99	cps
Barium	137-1	50	58	67	58	14.29	cps
Beryllium	9-1	33	61	139	78	70.35	cps
Bismuth	209-1	5721341	5610683	5566408	5632811	1.42	cps
Bismuth	209-2	1642248	1645007	1624420	1637225	0.68	cps
Boron	10-1	192	208	200	200	4.17	cps
Boron	11-1	942	1025	850	939	9.32	cps
Cadmium	111-1	1028	982	960	990	3.50	cps
Cadmium	106-1	1458	1383	1342	1395	4.24	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	1442	1233	1300	1325	8.03	cps
Calcium	44-1	24330	24906	23838	24358	2.20	cps
Chromium	52-2	263	290	320	291	9.74	cps
Cobalt	59-2	73	60	50	61	19.16	cps
Copper	63-2	180	203	210	198	7.97	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	75	83	100	86	14.78	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	8880525	8782906	8749409	8804280	0.77	cps
Holmium	165-2	2112929	2109390	2089358	2103892	0.60	cps
Indium	115-1	7324450	7261183	7183238	7256291	0.97	cps
Indium	115-2	362114	359681	356014	359270	0.85	cps
Iron	56-2	1333	1300	1356	1330	2.10	cps
Iron	57-2	56	61	44	54	15.80	cps
Lead	206-1	211	311	239	254	20.35	cps
Lead	207-1	178	217	189	194	10.30	cps
Lead	208-1	911	1000	906	939	5.64	cps
Lithium	6-1	1344194	1308796	1331721	1328237	1.35	cps
Magnesium	24-2	567	400	425	464	19.38	cps
Manganese	55-2	7	37	23	22	67.63	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:42:51	DataFile Name :	004CALB_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	208	125	169	24.75	cps
Molybdenum	95-1	25	67	33	42	52.92	cps
Molybdenum	96-1	67	67	75	69	6.93	cps
Molybdenum	97-1	58	83	42	61	34.32	cps
Molybdenum	98-1	67	17	58	47	56.72	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	433	397	373	401	7.54	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2875	2550	2534	2653	7.26	cps
Rhodium	103-1	6806096	6869676	6768658	6814810	0.75	cps
Rhodium	103-2	1985865	1976378	1956335	1972860	0.76	cps
Scandium	45-1	4403416	4459004	4345879	4402767	1.28	cps
Scandium	45-2	40866	40635	40351	40618	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	68	19	-16	24	176.06	cps
Silicon	28-1	468251	469439	471131	469607	0.31	cps
Silver	109-1	33	67	83	61	41.67	cps
Silver	107-1	33	100	125	86	55.03	cps
Sodium	23-2	17311	16894	16861	17022	1.48	cps
Strontium	86-1	625	625	625	625	0.00	cps
Strontium	88-1	142	83	83	103	32.76	cps
Sulfur	34-1	412720	412550	410429	411900	0.31	cps
Terbium	159-1	9134520	9067304	9077769	9093198	0.40	cps
Terbium	159-2	2032886	1995084	1986686	2004885	1.23	cps
Thallium	203-1	208	133	225	189	25.85	cps
Thallium	205-1	350	342	450	381	15.84	cps
Tin	118-1	933	925	883	914	2.93	cps
Titanium	47-1	167	150	158	158	5.26	cps
Uranium	238-1	133	83	83	100	28.87	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	7725829	7712232	7664480	7700847	0.42	cps
Yttrium	89-2	274212	273325	269439	272325	0.93	cps
Zinc	66-2	20	10	10	13	43.30	cps
Zirconium	90-1	558	358	508	475	21.91	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:42:51	DataFile Name :	004CALB_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	92	67	94	30.99	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:49:49	DataFile Name :	006CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	125	167	150	14.70	cps
Antimony	121-1	13816	12924	13224	13321	3.41	cps
Arsenic	75-2	81	133	93	102	26.65	cps
Barium	135-1	13491	13591	13533	13538	0.37	cps
Barium	137-1	24106	24390	24240	24245	0.59	cps
Beryllium	9-1	1050	1133	1117	1100	4.01	cps
Bismuth	209-1	5706358	5834000	5823668	5788009	1.22	cps
Bismuth	209-2	1727865	1752721	1690149	1723578	1.83	cps
Boron	10-1	2934	2567	2875	2792	7.06	cps
Boron	11-1	12131	13056	12831	12673	3.81	cps
Cadmium	111-1	2588	2410	2509	2502	3.55	cps
Cadmium	106-1	1717	1600	1784	1700	5.46	cps
Cadmium	108-1	133	92	104	110	19.49	cps
Calcium	43-1	8728	8344	8395	8489	2.46	cps
Calcium	44-1	142999	141188	141398	141861	0.70	cps
Chromium	52-2	1740	1777	1760	1759	1.04	cps
Cobalt	59-2	1603	1647	1490	1580	5.12	cps
Copper	63-2	2817	2924	2724	2821	3.55	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	100	67	43.30	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	8	75	58	47	73.48	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	8765762	8917909	8939928	8874533	1.07	cps
Holmium	165-2	2152611	2127868	2118224	2132901	0.83	cps
Indium	115-1	7398365	7466746	7539649	7468253	0.95	cps
Indium	115-2	369725	371964	368067	369919	0.53	cps
Iron	56-2	24839	24517	25062	24806	1.11	cps
Iron	57-2	611	533	783	643	19.91	cps
Lead	206-1	4312	4373	4506	4397	2.26	cps
Lead	207-1	3767	3890	3834	3830	1.60	cps
Lead	208-1	17144	17222	17216	17194	0.25	cps
Lithium	6-1	1396330	1402802	1404674	1401269	0.31	cps
Magnesium	24-2	13232	12890	13198	13107	1.44	cps
Manganese	55-2	277	240	287	268	9.18	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:49:49	DataFile Name :	006CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11422	11155	11922	11500	3.39	cps
Molybdenum	95-1	13574	13382	14433	13797	4.06	cps
Molybdenum	96-1	15276	15468	15359	15368	0.63	cps
Molybdenum	97-1	8611	8561	8711	8628	0.89	cps
Molybdenum	98-1	21451	20842	21217	21170	1.45	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	843	780	837	820	4.24	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	9770	9954	9821	9848	0.96	cps
Rhodium	103-1	7018344	7030516	7099562	7049474	0.62	cps
Rhodium	103-2	2045250	2018676	2024426	2029451	0.69	cps
Scandium	45-1	4563431	4599466	4570021	4577639	0.42	cps
Scandium	45-2	41809	42227	41601	41879	0.76	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	24	13	24	20	31.49	cps
Selenium	82-1	503	437	397	446	12.05	cps
Silicon	28-1	531301	532302	527314	530306	0.50	cps
Silver	109-1	6669	6702	6794	6721	0.96	cps
Silver	107-1	7369	7486	6944	7266	3.93	cps
Sodium	23-2	46393	47948	46819	47054	1.71	cps
Strontium	86-1	2384	2225	2425	2345	4.50	cps
Strontium	88-1	15918	15943	15693	15851	0.87	cps
Sulfur	34-1	425149	424319	423571	424346	0.19	cps
Terbium	159-1	9224664	9359044	9324798	9302835	0.75	cps
Terbium	159-2	2085713	2063539	2057840	2069031	0.71	cps
Thallium	203-1	5143	5260	5560	5321	4.04	cps
Thallium	205-1	12232	12916	12348	12498	2.93	cps
Tin	118-1	22779	22896	22361	22678	1.24	cps
Titanium	47-1	3976	3767	4142	3962	4.74	cps
Uranium	238-1	14926	16003	15302	15410	3.55	cps
Vanadium	51-2	2600	2584	2554	2579	0.92	cps
Yttrium	89-1	7927079	7972082	7999912	7966357	0.46	cps
Yttrium	89-2	283088	280472	278346	280635	0.85	cps
Zinc	66-2	263	280	277	273	3.23	cps
Zirconium	90-1	9946	10613	10079	10213	3.46	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:49:49	DataFile Name :	006CALS_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2150	2475	2342	2323	7.04	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:53:17	DataFile Name :	007CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6210	5818	5776	5935	4.03	cps
Antimony	121-1	365142	368203	369446	367597	0.60	cps
Arsenic	75-2	4664	4705	4782	4717	1.28	cps
Barium	135-1	383693	383849	381704	383082	0.31	cps
Barium	137-1	664045	668169	663051	665088	0.41	cps
Beryllium	9-1	54760	55189	54855	54935	0.41	cps
Bismuth	209-1	5797223	5901887	5867321	5855477	0.91	cps
Bismuth	209-2	1730947	1683916	1709184	1708016	1.38	cps
Boron	10-1	5518	6260	6368	6049	7.65	cps
Boron	11-1	27385	27803	28613	27934	2.23	cps
Cadmium	111-1	79564	79729	79097	79463	0.41	cps
Cadmium	106-1	9687	9362	10096	9715	3.78	cps
Cadmium	108-1	5555	5922	5864	5781	3.41	cps
Calcium	43-1	82660	80020	81261	81314	1.62	cps
Calcium	44-1	1350873	1335394	1340574	1342280	0.59	cps
Chromium	52-2	38189	37417	37868	37824	1.03	cps
Cobalt	59-2	80668	80481	80169	80439	0.31	cps
Copper	63-2	136839	135886	136563	136429	0.36	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	75	25	47	53.91	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	17	10	0	9	94.38	cps
Holmium	165-1	8989737	9004915	9158231	9050961	1.03	cps
Holmium	165-2	2146422	2137559	2116272	2133418	0.73	cps
Indium	115-1	7408700	7458437	7393594	7420244	0.46	cps
Indium	115-2	370056	361370	361549	364325	1.36	cps
Iron	56-2	1273681	1270686	1258839	1267735	0.62	cps
Iron	57-2	32177	32188	31503	31956	1.23	cps
Lead	206-1	222658	223648	222908	223071	0.23	cps
Lead	207-1	201391	200199	202606	201399	0.60	cps
Lead	208-1	899595	898187	908133	901972	0.60	cps
Lithium	6-1	1423400	1398573	1402079	1408017	0.95	cps
Magnesium	24-2	139420	138628	137349	138466	0.75	cps
Manganese	55-2	22275	21991	21740	22002	1.21	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:53:17	DataFile Name :	007CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	615214	616767	612726	614902	0.33	cps
Molybdenum	95-1	750840	758639	755143	754874	0.52	cps
Molybdenum	96-1	825418	836141	837777	833112	0.81	cps
Molybdenum	97-1	467120	459459	466961	464513	0.94	cps
Molybdenum	98-1	1208134	1193630	1211237	1204334	0.78	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24181	23881	23584	23882	1.25	cps
Phosphorus	31-2	500	450	375	442	14.25	cps
Potassium	39-2	43318	41771	42080	42390	1.93	cps
Rhodium	103-1	6917357	6955410	7016025	6962931	0.71	cps
Rhodium	103-2	2025209	2001209	1964650	1997022	1.53	cps
Scandium	45-1	4557052	4500619	4597907	4551859	1.07	cps
Scandium	45-2	41906	41274	40763	41314	1.39	cps
Selenium	77-2	37	37	23	32	23.90	cps
Selenium	78-2	104	122	119	115	8.53	cps
Selenium	82-1	5117	4980	5089	5062	1.43	cps
Silicon	28-1	668316	666687	668663	667889	0.16	cps
Silver	109-1	370892	368661	365088	368214	0.80	cps
Silver	107-1	388950	386948	387005	387634	0.29	cps
Sodium	23-2	337533	336604	331748	335295	0.93	cps
Strontium	86-1	98487	98438	99721	98882	0.74	cps
Strontium	88-1	851174	848750	849033	849653	0.16	cps
Sulfur	34-1	457233	457034	455800	456689	0.17	cps
Terbium	159-1	9330110	9399826	9350219	9360052	0.38	cps
Terbium	159-2	2072769	2038289	2034713	2048590	1.03	cps
Thallium	203-1	271430	271066	272670	271722	0.31	cps
Thallium	205-1	646110	647119	647462	646897	0.11	cps
Tin	118-1	244040	247024	242569	244544	0.93	cps
Titanium	47-1	211795	207535	206868	208733	1.28	cps
Uranium	238-1	854109	853834	853497	853813	0.04	cps
Vanadium	51-2	28242	28883	27915	28347	1.74	cps
Yttrium	89-1	8007579	7949994	8066176	8007916	0.73	cps
Yttrium	89-2	281553	273710	272289	275851	1.81	cps
Zinc	66-2	12896	12903	12613	12804	1.29	cps
Zirconium	90-1	521558	513831	517929	517773	0.75	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:53:17	DataFile Name :	007CALS_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	113958	113882	114764	114202	0.43	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:56:45	DataFile Name :	008CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13807	13532	13841	13727	1.23	cps
Antimony	121-1	938052	951330	955215	948199	0.95	cps
Arsenic	75-2	12155	11866	11751	11924	1.75	cps
Barium	135-1	996888	1005448	1001849	1001395	0.43	cps
Barium	137-1	1734469	1743698	1726206	1734791	0.50	cps
Beryllium	9-1	138150	138276	139413	138613	0.50	cps
Bismuth	209-1	5997255	6003304	6069551	6023370	0.67	cps
Bismuth	209-2	1668770	1681519	1676481	1675590	0.38	cps
Boron	10-1	14616	14925	15918	15153	4.49	cps
Boron	11-1	68706	70926	70097	69910	1.60	cps
Cadmium	111-1	204472	205203	204245	204640	0.24	cps
Cadmium	106-1	22361	22678	22378	22472	0.79	cps
Cadmium	108-1	14504	14616	14546	14555	0.39	cps
Calcium	43-1	205543	202960	205635	204713	0.74	cps
Calcium	44-1	3404191	3366294	3365020	3378501	0.66	cps
Chromium	52-2	92459	94033	93362	93285	0.85	cps
Cobalt	59-2	198092	197387	198389	197956	0.26	cps
Copper	63-2	339703	340560	339644	339969	0.15	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	9231797	9195899	9395177	9274291	1.15	cps
Holmium	165-2	2144558	2117908	2108624	2123697	0.88	cps
Indium	115-1	7648964	7488098	7619366	7585476	1.13	cps
Indium	115-2	356476	357177	353400	355684	0.56	cps
Iron	56-2	3189562	3199253	3141709	3176841	0.97	cps
Iron	57-2	77945	77493	79661	78366	1.46	cps
Lead	206-1	572744	583929	584064	580246	1.12	cps
Lead	207-1	521569	531748	527985	527101	0.98	cps
Lead	208-1	2345471	2372089	2376156	2364572	0.70	cps
Lithium	6-1	1416827	1443312	1423349	1427830	0.97	cps
Magnesium	24-2	335219	335443	339585	336749	0.73	cps
Manganese	55-2	53807	53295	53539	53547	0.48	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:56:45	DataFile Name :	008CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1604383	1598305	1601467	1601385	0.19	cps
Molybdenum	95-1	1989177	1995173	1996019	1993456	0.19	cps
Molybdenum	96-1	2221353	2196754	2216146	2211418	0.59	cps
Molybdenum	97-1	1209501	1206525	1212500	1209509	0.25	cps
Molybdenum	98-1	3111695	3096716	3115782	3108064	0.32	cps
Neodymium	150-1	60	53	60	58	6.65	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	57465	57903	57428	57599	0.46	cps
Phosphorus	31-2	1025	908	1042	992	7.33	cps
Potassium	39-2	100691	98955	99592	99746	0.88	cps
Rhodium	103-1	7157115	6969232	6991433	7039260	1.46	cps
Rhodium	103-2	1967130	1995061	1953358	1971849	1.08	cps
Scandium	45-1	4554799	4548115	4546133	4549682	0.10	cps
Scandium	45-2	39793	39499	39355	39549	0.56	cps
Selenium	77-2	67	87	100	84	19.87	cps
Selenium	78-2	317	307	231	285	16.39	cps
Selenium	82-1	13255	13038	13071	13121	0.89	cps
Silicon	28-1	943245	942024	938740	941336	0.25	cps
Silver	109-1	956869	954049	956528	955815	0.16	cps
Silver	107-1	992995	998678	987081	992918	0.58	cps
Sodium	23-2	796397	797732	792726	795618	0.33	cps
Strontium	86-1	252809	251283	252717	252270	0.34	cps
Strontium	88-1	2231349	2186761	2213937	2210682	1.02	cps
Sulfur	34-1	494535	494845	487516	492299	0.84	cps
Terbium	159-1	9582718	9644520	9739592	9655610	0.82	cps
Terbium	159-2	2048231	2034872	2028705	2037269	0.49	cps
Thallium	203-1	705097	719651	720726	715158	1.22	cps
Thallium	205-1	1691121	1741939	1707360	1713473	1.51	cps
Tin	118-1	630731	632795	643291	635606	1.06	cps
Titanium	47-1	528327	528994	522729	526683	0.65	cps
Uranium	238-1	2308000	2307821	2327418	2314413	0.49	cps
Vanadium	51-2	68842	69408	69572	69274	0.55	cps
Yttrium	89-1	8100894	8086143	8057273	8081436	0.27	cps
Yttrium	89-2	269461	271332	268319	269704	0.56	cps
Zinc	66-2	31817	31760	32204	31927	0.76	cps
Zirconium	90-1	1333727	1330254	1339533	1334504	0.35	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 12:56:45	DataFile Name :	008CALS_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	297935	294798	292623	295119	0.90	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:00:07	DataFile Name :	009CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26901	26735	27035	26890	0.56	cps
Antimony	121-1	1945091	1955203	1934459	1944917	0.53	cps
Arsenic	75-2	23166	23043	22999	23069	0.37	cps
Barium	135-1	2091546	2049138	2037515	2059400	1.38	cps
Barium	137-1	3528214	3530462	3494772	3517816	0.57	cps
Beryllium	9-1	272473	269959	269654	270695	0.57	cps
Bismuth	209-1	5329320	6186082	6122186	5879196	8.12	cps
Bismuth	209-2	1654274	1662515	1653957	1656915	0.29	cps
Boron	10-1	28822	29414	30416	29551	2.73	cps
Boron	11-1	134661	137907	139724	137431	1.87	cps
Cadmium	111-1	406302	407342	409003	407549	0.33	cps
Cadmium	106-1	43496	42460	43304	43087	1.28	cps
Cadmium	108-1	29997	29194	29194	29462	1.57	cps
Calcium	43-1	411827	407252	405388	408156	0.81	cps
Calcium	44-1	6719548	6707817	6591587	6672984	1.06	cps
Chromium	52-2	179494	178995	179967	179485	0.27	cps
Cobalt	59-2	380086	386194	380358	382213	0.90	cps
Copper	63-2	658345	653500	657071	656305	0.38	cps
Dysprosium	156-1	50	42	17	36	48.03	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	50	158	83	97	57.07	cps
Gadolinium	160-2	13	0	0	4	173.21	cps
Holmium	165-1	8067143	9567015	9567026	9067061	9.55	cps
Holmium	165-2	2094335	2098896	2098769	2097333	0.12	cps
Indium	115-1	6526006	7651745	7595809	7257853	8.74	cps
Indium	115-2	345054	346620	344278	345317	0.35	cps
Iron	56-2	5974194	6052340	6028611	6018382	0.67	cps
Iron	57-2	150312	152200	150801	151104	0.65	cps
Lead	206-1	1199630	1186438	1193579	1193216	0.55	cps
Lead	207-1	1091916	1077886	1082511	1084104	0.66	cps
Lead	208-1	4975232	4938228	4940697	4951386	0.42	cps
Lithium	6-1	1237225	1436074	1445059	1372786	8.56	cps
Magnesium	24-2	648644	647094	641186	645641	0.61	cps
Manganese	55-2	103104	102701	103154	102986	0.24	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:00:07	DataFile Name :	009CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3259968	3219527	3181834	3220443	1.21	cps
Molybdenum	95-1	4008467	3965811	3962079	3978786	0.65	cps
Molybdenum	96-1	4431423	4446087	4388370	4421960	0.68	cps
Molybdenum	97-1	2537042	2494877	2473853	2501924	1.29	cps
Molybdenum	98-1	6318928	6272738	6259734	6283800	0.50	cps
Neodymium	150-1	100	73	40	71	42.28	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	111169	111754	111280	111401	0.28	cps
Phosphorus	31-2	2134	2059	1850	2014	7.29	cps
Potassium	39-2	185448	187450	185675	186191	0.59	cps
Rhodium	103-1	6073577	6986939	7014510	6691675	8.00	cps
Rhodium	103-2	1953343	1942104	1903250	1932899	1.36	cps
Scandium	45-1	3901369	4573985	4546116	4340490	8.77	cps
Scandium	45-2	38496	38596	38586	38560	0.14	cps
Selenium	77-2	153	180	147	160	11.03	cps
Selenium	78-2	491	459	570	507	11.30	cps
Selenium	82-1	26223	26159	25932	26105	0.58	cps
Silicon	28-1	1180155	1183792	1165374	1176440	0.83	cps
Silver	109-1	1946171	1954479	1949954	1950201	0.21	cps
Silver	107-1	2031674	2028087	1996113	2018625	0.97	cps
Sodium	23-2	1541223	1545344	1509629	1532065	1.28	cps
Strontium	86-1	504147	503216	508633	505332	0.57	cps
Strontium	88-1	4391053	4352868	4412784	4385568	0.69	cps
Sulfur	34-1	544186	541465	542395	542682	0.25	cps
Terbium	159-1	8434287	9823065	9834155	9363835	8.60	cps
Terbium	159-2	2002081	2011310	2034674	2016022	0.83	cps
Thallium	203-1	1474371	1474901	1473866	1474379	0.04	cps
Thallium	205-1	3616062	3552179	3545386	3571209	1.09	cps
Tin	118-1	1287459	1288492	1284856	1286936	0.15	cps
Titanium	47-1	1059508	1044473	1049197	1051059	0.73	cps
Uranium	238-1	4741233	4725863	4665711	4710936	0.85	cps
Vanadium	51-2	134374	134360	133539	134091	0.36	cps
Yttrium	89-1	7006401	8107472	8021990	7711954	7.94	cps
Yttrium	89-2	262629	263597	263711	263312	0.23	cps
Zinc	66-2	61144	61117	61178	61146	0.05	cps
Zirconium	90-1	2742222	2717420	2716779	2725474	0.53	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:00:07	DataFile Name :	009CALS_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600857	596283	590994	596044	0.83	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:03:24	DataFile Name :	010CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49754	47798	47389	48314	2.62	cps
Antimony	121-1	3791087	3854872	3804669	3816876	0.88	cps
Arsenic	75-2	43095	42342	42599	42679	0.90	cps
Barium	135-1	4031431	4040880	4022500	4031604	0.23	cps
Barium	137-1	6941872	6929954	6826155	6899327	0.92	cps
Beryllium	9-1	514375	514063	506858	511765	0.83	cps
Bismuth	209-1	6301403	6318773	6362030	6327402	0.49	cps
Bismuth	209-2	1630085	1634371	1510097	1591518	4.43	cps
Boron	10-1	55960	56370	57666	56665	1.57	cps
Boron	11-1	257189	264631	265250	262357	1.71	cps
Cadmium	111-1	803932	804972	801982	803628	0.19	cps
Cadmium	106-1	84666	85690	84121	84826	0.94	cps
Cadmium	108-1	57723	58543	57636	57967	0.86	cps
Calcium	43-1	793877	794668	785741	791428	0.62	cps
Calcium	44-1	12970100	12831078	12877776	12892985	0.55	cps
Chromium	52-2	328844	325574	326426	326948	0.52	cps
Cobalt	59-2	709103	700383	708822	706102	0.70	cps
Copper	63-2	1218961	1207010	1215758	1213909	0.51	cps
Dysprosium	156-1	25	42	58	42	40.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	9837246	9910877	9875067	9874397	0.37	cps
Holmium	165-2	2097674	2070232	1923492	2030466	4.61	cps
Indium	115-1	7659441	7693383	7634876	7662566	0.38	cps
Indium	115-2	331784	326649	304526	320986	4.51	cps
Iron	56-2	11206480	11040634	11080607	11109240	0.78	cps
Iron	57-2	283182	275919	280216	279772	1.31	cps
Lead	206-1	2400547	2435054	2450648	2428750	1.06	cps
Lead	207-1	2228357	2251137	2271273	2250256	0.95	cps
Lead	208-1	9936106	10024187	10061537	10007277	0.64	cps
Lithium	6-1	1437638	1405799	1432084	1425174	1.19	cps
Magnesium	24-2	1201407	1176454	1179350	1185737	1.15	cps
Manganese	55-2	190151	186279	186224	187552	1.20	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:03:24	DataFile Name :	010CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6270746	6217276	6215171	6234398	0.51	cps
Molybdenum	95-1	7819033	7754469	7707203	7760235	0.72	cps
Molybdenum	96-1	8593250	8592293	8552561	8579368	0.27	cps
Molybdenum	97-1	4859418	4835187	4827833	4840812	0.34	cps
Molybdenum	98-1	12326739	12420273	12212614	12319875	0.84	cps
Neodymium	150-1	127	100	140	122	16.67	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	204447	201789	203604	203280	0.67	cps
Phosphorus	31-2	3409	3434	3292	3378	2.24	cps
Potassium	39-2	338526	327710	333631	333289	1.63	cps
Rhodium	103-1	7064776	7079010	6962244	7035343	0.91	cps
Rhodium	103-2	1872340	1879265	1731616	1827740	4.56	cps
Scandium	45-1	4559839	4514486	4501720	4525348	0.67	cps
Scandium	45-2	36133	34452	32662	34416	5.04	cps
Selenium	77-2	270	273	333	292	12.20	cps
Selenium	78-2	987	961	980	976	1.37	cps
Selenium	82-1	51325	50783	50637	50915	0.71	cps
Silicon	28-1	1836607	1827943	1801684	1822078	1.00	cps
Silver	109-1	3754056	3774356	3725885	3751432	0.65	cps
Silver	107-1	3916296	3942341	3902024	3920221	0.52	cps
Sodium	23-2	2752796	2727082	2729110	2736329	0.52	cps
Strontium	86-1	994141	995966	990619	993575	0.27	cps
Strontium	88-1	8485660	8570419	8424924	8493668	0.86	cps
Sulfur	34-1	637502	634141	632029	634557	0.43	cps
Terbium	159-1	10150581	10206312	10095987	10150960	0.54	cps
Terbium	159-2	1978642	1964940	1844164	1929249	3.84	cps
Thallium	203-1	3017038	3061040	3043022	3040367	0.73	cps
Thallium	205-1	7143087	7133249	7104024	7126787	0.29	cps
Tin	118-1	2572292	2595648	2560927	2576289	0.69	cps
Titanium	47-1	2069798	2049222	2024149	2047723	1.12	cps
Uranium	238-1	9483896	9583983	9552192	9540024	0.54	cps
Vanadium	51-2	248353	243631	246528	246171	0.97	cps
Yttrium	89-1	8228977	8084732	8084226	8132645	1.03	cps
Yttrium	89-2	253693	249685	231986	245122	4.71	cps
Zinc	66-2	114309	112640	113594	113514	0.74	cps
Zirconium	90-1	5286534	5325156	5218655	5276782	1.02	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:03:24	DataFile Name :	010CALS_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1165788	1166124	1167188	1166367	0.06	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 13:06:39 DataFile Name : 011CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90504	93700	92567	92257	1.76	cps
Antimony	121-1	7675314	7618752	7615309	7636458	0.44	cps
Arsenic	75-2	82045	81486	81423	81652	0.42	cps
Barium	135-1	8119717	8074798	8049465	8081327	0.44	cps
Barium	137-1	14017185	13829728	14018051	13954988	0.78	cps
Beryllium	9-1	999729	973084	968363	980392	1.73	cps
Bismuth	209-1	6497246	6478119	6422506	6465957	0.60	cps
Bismuth	209-2	1575409	1579831	1572554	1575931	0.23	cps
Boron	10-1	109658	111145	112783	111195	1.41	cps
Boron	11-1	507170	513378	520360	513636	1.28	cps
Cadmium	111-1	1606413	1590903	1577949	1591755	0.90	cps
Cadmium	106-1	167090	163210	164248	164850	1.22	cps
Cadmium	108-1	114053	113481	112657	113397	0.62	cps
Calcium	43-1	1575999	1541312	1542092	1553134	1.28	cps
Calcium	44-1	25260874	24844437	24895977	25000429	0.91	cps
Chromium	52-2	617798	622762	618112	619557	0.45	cps
Cobalt	59-2	1338823	1333548	1332677	1335016	0.25	cps
Copper	63-2	2339613	2323922	2343546	2335694	0.44	cps
Dysprosium	156-1	50	50	83	61	31.50	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	23	10	7	13	66.12	cps
Gadolinium	160-1	58	75	58	64	15.05	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	10042174	9847923	9741520	9877205	1.54	cps
Holmium	165-2	2040013	2035464	2029821	2035099	0.25	cps
Indium	115-1	7525460	7466739	7488487	7493562	0.40	cps
Indium	115-2	311070	309538	309200	309936	0.32	cps
Iron	56-2	21280605	21199653	21159727	21213328	0.29	cps
Iron	57-2	533697	530985	529519	531401	0.40	cps
Lead	206-1	4970532	4898161	4976686	4948459	0.88	cps
Lead	207-1	4590663	4572059	4579175	4580632	0.20	cps
Lead	208-1	20459010	20291859	20401868	20384246	0.42	cps
Lithium	6-1	1392465	1371880	1357855	1374067	1.27	cps
Magnesium	24-2	2249209	2225522	2240081	2238271	0.53	cps
Manganese	55-2	359861	358098	354995	357651	0.69	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:06:39	DataFile Name :	011CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12467364	12455065	12315841	12412757	0.68	cps
Molybdenum	95-1	15640142	15532620	15285922	15486228	1.17	cps
Molybdenum	96-1	17239099	17178334	17048411	17155281	0.57	cps
Molybdenum	97-1	9723090	9702895	9545278	9657088	1.01	cps
Molybdenum	98-1	24399317	24740940	24462618	24534292	0.74	cps
Neodymium	150-1	273	307	280	287	6.15	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	384708	380490	381355	382184	0.58	cps
Phosphorus	31-2	6460	6827	6143	6477	5.28	cps
Potassium	39-2	629338	621041	616522	622301	1.04	cps
Rhodium	103-1	6853455	6804621	6772505	6810194	0.60	cps
Rhodium	103-2	1812378	1777861	1776868	1789036	1.13	cps
Scandium	45-1	4396613	4311886	4328481	4345660	1.03	cps
Scandium	45-2	33761	33684	33336	33594	0.67	cps
Selenium	77-2	470	530	533	511	6.97	cps
Selenium	78-2	1909	1700	1772	1794	5.93	cps
Selenium	82-1	98914	99410	99754	99359	0.43	cps
Silicon	28-1	2832968	2802497	2804430	2813298	0.61	cps
Silver	109-1	7458131	7495739	7333539	7429136	1.14	cps
Silver	107-1	7670754	7669311	7556708	7632257	0.86	cps
Sodium	23-2	5100666	5144122	5105059	5116616	0.47	cps
Strontium	86-1	2008241	1988852	1973861	1990318	0.87	cps
Strontium	88-1	17008744	16826477	16799073	16878098	0.68	cps
Sulfur	34-1	838283	835876	832131	835430	0.37	cps
Terbium	159-1	10264548	10195558	10149453	10203186	0.57	cps
Terbium	159-2	1937696	1922350	1939686	1933244	0.49	cps
Thallium	203-1	6160838	6044280	6099081	6101399	0.96	cps
Thallium	205-1	14524913	14413433	14464860	14467735	0.39	cps
Tin	118-1	5155661	5083535	5028334	5089177	1.25	cps
Titanium	47-1	4022612	3939794	3932764	3965057	1.26	cps
Uranium	238-1	19891914	20108116	20029476	20009835	0.55	cps
Vanadium	51-2	471979	470645	470749	471124	0.16	cps
Yttrium	89-1	8025843	8027293	7953915	8002350	0.52	cps
Yttrium	89-2	242284	238472	238127	239628	0.96	cps
Zinc	66-2	215849	213490	212315	213885	0.84	cps
Zirconium	90-1	10422496	10425182	10388127	10411935	0.20	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:06:39	DataFile Name :	011CALS_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2331913	2349281	2310447	2330547	0.83	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:09:49	DataFile Name :	012CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	465113	455420	456320	458951	1.17	cps
Antimony	121-1	8520	8378	8528	8475	1.00	cps
Arsenic	75-2	33	26	37	32	17.62	cps
Barium	135-1	2175	2134	2125	2145	1.25	cps
Barium	137-1	3517	3792	3384	3565	5.84	cps
Beryllium	9-1	794	722	789	769	5.23	cps
Bismuth	209-1	5918710	5976941	5932462	5942705	0.51	cps
Bismuth	209-2	1486952	1494582	1480890	1487475	0.46	cps
Boron	10-1	6360	5876	5293	5843	9.15	cps
Boron	11-1	27427	25457	24914	25933	5.10	cps
Cadmium	111-1	1222	1167	1194	1195	2.30	cps
Cadmium	106-1	1450	1358	1350	1386	4.00	cps
Cadmium	108-1	38	13	25	25	50.00	cps
Calcium	43-1	7773339	7764947	7836423	7791570	0.50	cps
Calcium	44-1	127737382	128611836	128117457	128155558	0.34	cps
Chromium	52-2	5765	5895	5851	5837	1.13	cps
Cobalt	59-2	1487	1523	1567	1526	2.63	cps
Copper	63-2	2570	2684	2667	2640	2.32	cps
Dysprosium	156-1	83	58	33	58	42.85	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	42	33	58	44	28.65	cps
Erbium	164-2	0	13	13	9	86.60	cps
Gadolinium	160-1	58	108	108	92	31.49	cps
Gadolinium	160-2	10	47	23	27	69.60	cps
Holmium	165-1	9700901	9635466	9563409	9633259	0.71	cps
Holmium	165-2	2010287	2009194	2003005	2007495	0.20	cps
Indium	115-1	7202367	7282979	7222214	7235854	0.58	cps
Indium	115-2	313417	309888	311458	311588	0.57	cps
Iron	56-2	105595469	104728463	105143347	105155760	0.41	cps
Iron	57-2	2717969	2692711	2654580	2688420	1.19	cps
Lead	206-1	6935	6830	6691	6819	1.80	cps
Lead	207-1	5768	5568	5807	5714	2.24	cps
Lead	208-1	26728	26306	26222	26419	1.03	cps
Lithium	6-1	1310895	1319223	1329636	1319918	0.71	cps
Magnesium	24-2	11077360	11146276	11018456	11080697	0.58	cps
Manganese	55-2	800	793	887	827	6.30	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:09:49	DataFile Name :	012CAL5_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4259	4301	3809	4123	6.61	cps
Molybdenum	95-1	6569	6577	6602	6582	0.26	cps
Molybdenum	96-1	8094	8069	7928	8031	1.12	cps
Molybdenum	97-1	3817	3709	3534	3687	3.88	cps
Molybdenum	98-1	9579	8928	8812	9106	4.54	cps
Neodymium	150-1	93	100	73	89	15.61	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	2537	2530	2334	2467	4.68	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3167222	3195988	3165310	3176174	0.54	cps
Rhodium	103-1	6418475	6437666	6437306	6431149	0.17	cps
Rhodium	103-2	1705263	1729758	1736543	1723855	0.95	cps
Scandium	45-1	4286380	4296207	4270735	4284441	0.30	cps
Scandium	45-2	34342	33473	33624	33813	1.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	28	43	55	42	31.50	cps
Silicon	28-1	756227	780486	789684	775465	2.23	cps
Silver	109-1	683	558	692	644	11.59	cps
Silver	107-1	650	800	658	703	12.00	cps
Sodium	23-2	25641642	25601451	25513888	25585660	0.26	cps
Strontium	86-1	66388	66077	65600	66022	0.60	cps
Strontium	88-1	574102	567119	572580	571267	0.64	cps
Sulfur	34-1	377816	374979	372900	375232	0.66	cps
Terbium	159-1	10044451	9882894	9814338	9913894	1.19	cps
Terbium	159-2	1890952	1920313	1924590	1911951	0.96	cps
Thallium	203-1	2234	2000	1825	2020	10.15	cps
Thallium	205-1	4609	4326	4809	4582	5.30	cps
Tin	118-1	5143	4551	4893	4862	6.11	cps
Titanium	47-1	817	742	692	750	8.39	cps
Uranium	238-1	817	708	858	795	9.75	cps
Vanadium	51-2	87	110	77	91	18.77	cps
Yttrium	89-1	7812181	7815324	7829015	7818840	0.11	cps
Yttrium	89-2	244353	241250	240803	242135	0.80	cps
Zinc	66-2	547	467	503	506	7.92	cps
Zirconium	90-1	1492	1492	1483	1489	0.32	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:09:49	DataFile Name :	012CALS_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	308	267	253	25.18	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:55:59	DataFile Name :	013ICV_P8122217MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2659	2534	2817	2670	5.32	cps
Antimony	121-1	1405513	1418998	1412297	1412269	0.48	cps
Arsenic	75-2	18155	17704	17839	17899	1.29	cps
Barium	135-1	150152	151694	153045	151630	0.95	cps
Barium	137-1	261131	263641	262738	262503	0.48	cps
Beryllium	9-1	105199	102239	102747	103395	1.53	cps
Bismuth	209-1	5991053	6156810	6093902	6080588	1.38	cps
Bismuth	209-2	1705963	1688675	1663872	1686170	1.25	cps
Boron	10-1	54864	56621	58219	56568	2.97	cps
Boron	11-1	255880	264746	271388	264005	2.95	cps
Cadmium	111-1	158643	157011	158736	158130	0.61	cps
Cadmium	106-1	27036	27003	27429	27156	0.87	cps
Cadmium	108-1	14583	14233	14546	14454	1.33	cps
Calcium	43-1	35521	35304	35254	35360	0.40	cps
Calcium	44-1	557292	560303	567014	561536	0.89	cps
Chromium	52-2	68778	69193	68152	68708	0.76	cps
Cobalt	59-2	151948	150738	151273	151320	0.40	cps
Copper	63-2	129002	127723	127962	128229	0.53	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	92	108	58	86	29.56	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	92	108	58	86	29.56	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	9206608	9310891	9283834	9267111	0.58	cps
Holmium	165-2	2124745	2105339	2089733	2106606	0.83	cps
Indium	115-1	7388875	7424449	7460347	7424557	0.48	cps
Indium	115-2	350673	348479	347584	348912	0.46	cps
Iron	56-2	475863	475038	468668	473190	0.83	cps
Iron	57-2	12000	11950	12445	12132	2.25	cps
Lead	206-1	904122	915020	918883	912675	0.84	cps
Lead	207-1	785215	792537	799141	792298	0.88	cps
Lead	208-1	3689313	3711529	3747865	3716236	0.80	cps
Lithium	6-1	1405372	1427490	1427999	1420287	0.91	cps
Magnesium	24-2	30784	30901	30901	30862	0.22	cps
Manganese	55-2	20408	20302	19757	20156	1.73	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:55:59	DataFile Name :	013ICV_P8122217MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2909131	2821417	2875762	2868770	1.54	cps
Molybdenum	95-1	1576679	1557299	1569715	1567898	0.63	cps
Molybdenum	96-1	2031206	2006395	2009063	2015555	0.68	cps
Molybdenum	97-1	941277	939896	938035	939736	0.17	cps
Molybdenum	98-1	2454995	2465457	2466073	2462175	0.25	cps
Neodymium	150-1	47	0	13	20	120.20	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	44896	44448	44090	44478	0.91	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	32630	31712	32531	32291	1.56	cps
Rhodium	103-1	7058406	7008449	7033547	7033467	0.36	cps
Rhodium	103-2	1980472	1985925	1946281	1970893	1.09	cps
Scandium	45-1	4466218	4476671	4534240	4492376	0.82	cps
Scandium	45-2	39736	39880	38483	39366	1.95	cps
Selenium	77-2	160	137	130	142	11.08	cps
Selenium	78-2	450	404	422	425	5.48	cps
Selenium	82-1	19653	19822	19728	19734	0.43	cps
Silicon	28-1	1800096	1824568	1799521	1808062	0.79	cps
Silver	109-1	714257	701656	711825	709246	0.94	cps
Silver	107-1	735887	738022	744437	739449	0.60	cps
Sodium	23-2	133050	135010	131722	133261	1.24	cps
Strontium	86-1	981583	973413	985150	980049	0.61	cps
Strontium	88-1	8497163	8354523	8462002	8437896	0.88	cps
Sulfur	34-1	412256	412007	411364	411876	0.11	cps
Terbium	159-1	9654645	9518140	9727689	9633491	1.10	cps
Terbium	159-2	2022085	2002550	2012129	2012255	0.49	cps
Thallium	203-1	1126367	1130637	1142174	1133060	0.72	cps
Thallium	205-1	2785260	2748607	2799527	2777798	0.95	cps
Tin	118-1	2531363	2547232	2546951	2541849	0.36	cps
Titanium	47-1	419386	415684	421109	418727	0.66	cps
Uranium	238-1	8943431	9113991	9057614	9038346	0.96	cps
Vanadium	51-2	52190	52354	51933	52159	0.41	cps
Yttrium	89-1	8020034	7963918	7981852	7988601	0.36	cps
Yttrium	89-2	266196	268404	265137	266579	0.63	cps
Zinc	66-2	24268	24325	23774	24122	1.26	cps
Zirconium	90-1	5456124	5443795	5468368	5456096	0.23	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:55:59	DataFile Name :	013ICV_P8122217MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1196112	1204464	1216293	1205623	0.84	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:59:58	DataFile Name :	014CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	908	733	758	800	11.83	cps
Arsenic	75-2	4	9	4	6	57.80	cps
Barium	135-1	50	17	17	28	69.27	cps
Barium	137-1	50	67	8	42	72.12	cps
Beryllium	9-1	133	189	167	163	17.16	cps
Bismuth	209-1	6163674	6146920	6077079	6129224	0.75	cps
Bismuth	209-2	1673076	1709156	1666700	1682977	1.36	cps
Boron	10-1	1992	1709	1542	1747	13.02	cps
Boron	11-1	8670	8086	7819	8192	5.31	cps
Cadmium	111-1	1003	1032	1084	1040	3.98	cps
Cadmium	106-1	1425	1467	1542	1478	4.00	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Calcium	43-1	1225	1000	1183	1136	10.54	cps
Calcium	44-1	20466	19264	19665	19798	3.09	cps
Chromium	52-2	290	290	243	274	9.82	cps
Cobalt	59-2	57	63	47	56	15.09	cps
Copper	63-2	187	183	147	172	12.89	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	9333949	9340451	9298925	9324442	0.24	cps
Holmium	165-2	2139029	2121255	2127467	2129251	0.42	cps
Indium	115-1	7548338	7538365	7517809	7534837	0.21	cps
Indium	115-2	355304	355717	352279	354433	0.53	cps
Iron	56-2	1317	1339	1250	1302	3.55	cps
Iron	57-2	33	44	56	44	25.01	cps
Lead	206-1	300	250	283	278	9.17	cps
Lead	207-1	289	222	267	259	13.09	cps
Lead	208-1	1217	1150	1128	1165	3.97	cps
Lithium	6-1	1424326	1424857	1434892	1428025	0.42	cps
Magnesium	24-2	342	358	325	342	4.88	cps
Manganese	55-2	40	30	30	33	17.32	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:59:58	DataFile Name :	014CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	258	317	261	20.77	cps
Molybdenum	95-1	142	75	75	97	39.59	cps
Molybdenum	96-1	258	167	233	219	21.60	cps
Molybdenum	97-1	117	117	117	117	0.00	cps
Molybdenum	98-1	183	158	142	161	13.02	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	270	270	293	278	4.85	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2659	2584	2425	2556	4.66	cps
Rhodium	103-1	7019323	7055108	7059716	7044716	0.31	cps
Rhodium	103-2	1987595	1970055	1965137	1974263	0.60	cps
Scandium	45-1	4482550	4565413	4518772	4522245	0.92	cps
Scandium	45-2	38917	38887	38941	38915	0.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	49	27	-37	13	354.72	cps
Silicon	28-1	427022	421978	424591	424530	0.59	cps
Silver	109-1	150	125	100	125	20.00	cps
Silver	107-1	150	158	100	136	23.18	cps
Sodium	23-2	15951	16560	16535	16349	2.11	cps
Strontium	86-1	492	467	633	531	16.94	cps
Strontium	88-1	150	133	150	144	6.66	cps
Sulfur	34-1	407569	408048	405767	407128	0.30	cps
Terbium	159-1	9685172	9580907	9558478	9608186	0.70	cps
Terbium	159-2	2027331	2039488	2013923	2026914	0.63	cps
Thallium	203-1	458	233	308	333	34.37	cps
Thallium	205-1	800	758	675	745	8.55	cps
Tin	118-1	1067	1233	1142	1147	7.28	cps
Titanium	47-1	125	133	175	144	18.54	cps
Uranium	238-1	92	158	83	111	37.00	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	7925269	7973084	7937578	7945310	0.31	cps
Yttrium	89-2	267305	270373	268899	268859	0.57	cps
Zinc	66-2	13	20	17	17	20.01	cps
Zirconium	90-1	533	533	617	561	8.57	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 13:59:58	DataFile Name :	014CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	117	117	0.00	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:03:07	DataFile Name :	015ICSA_P8122217MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	479788	481903	479641	480444	0.26	cps
Antimony	121-1	8194	8920	8561	8559	4.24	cps
Arsenic	75-2	17	31	28	25	30.45	cps
Barium	135-1	2309	2509	2417	2411	4.15	cps
Barium	137-1	4293	4351	3951	4198	5.15	cps
Beryllium	9-1	328	394	411	378	11.67	cps
Bismuth	209-1	6039883	6049831	6018232	6035982	0.27	cps
Bismuth	209-2	1437388	1557632	1590162	1528394	5.27	cps
Boron	10-1	1367	1250	1350	1322	4.77	cps
Boron	11-1	6243	5968	5593	5935	5.50	cps
Cadmium	111-1	1296	1479	1441	1405	6.90	cps
Cadmium	106-1	1300	1358	1458	1372	5.84	cps
Cadmium	108-1	938	817	900	885	6.99	cps
Calcium	43-1	1579139	1589087	1586760	1584995	0.33	cps
Calcium	44-1	25490921	25585641	25586498	25554354	0.21	cps
Chromium	52-2	14184	13970	14097	14084	0.76	cps
Cobalt	59-2	1723	1713	1550	1662	5.86	cps
Copper	63-2	9620	9784	10030	9811	2.11	cps
Dysprosium	156-1	83	58	50	64	27.15	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	100	50	50	67	43.31	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	33	92	67	64	45.81	cps
Gadolinium	160-2	3	10	23	12	83.33	cps
Holmium	165-1	9616255	9693197	9618168	9642540	0.46	cps
Holmium	165-2	1864314	2058136	2109848	2010766	6.44	cps
Indium	115-1	7452542	7508941	7443900	7468461	0.47	cps
Indium	115-2	306392	332816	338500	325903	5.26	cps
Iron	56-2	45262605	46050575	45522648	45611943	0.88	cps
Iron	57-2	1139873	1147927	1150145	1145982	0.47	cps
Lead	206-1	23222	23667	23506	23465	0.96	cps
Lead	207-1	18815	18269	18314	18466	1.64	cps
Lead	208-1	87379	86353	87022	86918	0.60	cps
Lithium	6-1	1369474	1377925	1374132	1373844	0.31	cps
Magnesium	24-2	2448703	2455266	2461310	2455093	0.26	cps
Manganese	55-2	1500	1567	1567	1545	2.49	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:03:07	DataFile Name :	015ICSA_P8122217MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3363123	3413499	3419514	3398712	0.91	cps
Molybdenum	95-1	5959301	6021214	6032626	6004380	0.66	cps
Molybdenum	96-1	6352983	6441777	6427710	6407490	0.74	cps
Molybdenum	97-1	3764577	3813356	3810079	3796004	0.72	cps
Molybdenum	98-1	9628064	9540915	9545785	9571588	0.51	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2360	2317	2504	2394	4.08	cps
Phosphorus	31-2	36590	36540	36640	36590	0.14	cps
Potassium	39-2	1421594	1426578	1442890	1430354	0.78	cps
Rhodium	103-1	6843705	6824173	6842251	6836710	0.16	cps
Rhodium	103-2	1697973	1863083	1897390	1819482	5.86	cps
Scandium	45-1	4423389	4473537	4482144	4459690	0.71	cps
Scandium	45-2	33691	36949	38028	36223	6.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	0	2	3	124.95	cps
Selenium	82-1	25	-26	10	3	990.99	cps
Silicon	28-1	524200	517710	519611	520507	0.64	cps
Silver	109-1	442	483	467	464	4.52	cps
Silver	107-1	700	600	708	669	9.01	cps
Sodium	23-2	5666317	5706127	5632980	5668475	0.65	cps
Strontium	86-1	67543	68045	67945	67844	0.39	cps
Strontium	88-1	575707	584641	578621	579656	0.79	cps
Sulfur	34-1	2164076	2168725	2181785	2171529	0.42	cps
Terbium	159-1	9839141	9871381	9913323	9874615	0.38	cps
Terbium	159-2	1809673	1945063	2007736	1920824	5.27	cps
Thallium	203-1	817	625	808	750	14.44	cps
Thallium	205-1	1767	1725	1667	1720	2.92	cps
Tin	118-1	2500	2342	2125	2323	8.11	cps
Titanium	47-1	1627077	1665053	1639297	1643809	1.18	cps
Uranium	238-1	558	467	375	467	19.64	cps
Vanadium	51-2	73	97	70	80	18.17	cps
Yttrium	89-1	7918594	8059374	8036148	8004705	0.94	cps
Yttrium	89-2	236272	256699	261140	251370	5.28	cps
Zinc	66-2	1453	1387	1503	1448	4.04	cps
Zirconium	90-1	842	967	958	922	7.58	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:03:07	DataFile Name :	015ICSA_P8122217MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	325	150	206	50.36	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:06:12	DataFile Name :	016ICSB_P8122217MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	472617	471505	471867	471996	0.12	cps
Antimony	121-1	153043	152359	153734	153045	0.45	cps
Arsenic	75-2	1776	1750	1717	1748	1.70	cps
Barium	135-1	33510	34196	33919	33875	1.02	cps
Barium	137-1	58305	56840	57835	57660	1.30	cps
Beryllium	9-1	20137	20498	20459	20365	0.97	cps
Bismuth	209-1	5882085	6023711	5923690	5943162	1.22	cps
Bismuth	209-2	1593117	1573492	1574156	1580255	0.71	cps
Boron	10-1	7436	7561	7936	7644	3.41	cps
Boron	11-1	35036	37099	35303	35813	3.13	cps
Cadmium	111-1	33042	32292	32193	32509	1.43	cps
Cadmium	106-1	5160	5610	6043	5604	7.89	cps
Cadmium	108-1	3338	3405	3388	3377	1.03	cps
Calcium	43-1	1560561	1561394	1549815	1557256	0.41	cps
Calcium	44-1	25384622	25359188	25372330	25372046	0.05	cps
Chromium	52-2	27507	27250	27153	27304	0.67	cps
Cobalt	59-2	30757	30798	30901	30819	0.24	cps
Copper	63-2	34563	34072	34907	34514	1.22	cps
Dysprosium	156-1	42	50	33	42	20.00	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	67	133	92	97	34.64	cps
Gadolinium	160-2	13	7	20	13	49.99	cps
Holmium	165-1	9430287	9502968	9361607	9431621	0.75	cps
Holmium	165-2	2099441	2080438	2077471	2085784	0.57	cps
Indium	115-1	7462136	7495159	7429816	7462370	0.44	cps
Indium	115-2	339532	334094	337922	337182	0.83	cps
Iron	56-2	45145251	45200569	45064850	45136890	0.15	cps
Iron	57-2	1130762	1133502	1130183	1131482	0.16	cps
Lead	206-1	113127	114513	113756	113799	0.61	cps
Lead	207-1	96867	96856	96666	96796	0.12	cps
Lead	208-1	441261	444195	440700	442052	0.42	cps
Lithium	6-1	1323830	1340808	1330597	1331745	0.64	cps
Magnesium	24-2	2458815	2441001	2442303	2447373	0.41	cps
Manganese	55-2	5545	5378	5454	5459	1.53	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:06:12	DataFile Name :	016ICSB_P8122217MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3690593	3639304	3631262	3653719	0.88	cps
Molybdenum	95-1	6116846	5990252	5984415	6030504	1.24	cps
Molybdenum	96-1	6547590	6516161	6483844	6515865	0.49	cps
Molybdenum	97-1	3842266	3734987	3761794	3779682	1.48	cps
Molybdenum	98-1	9616341	9556765	9479502	9550869	0.72	cps
Neodymium	150-1	100	13	60	58	75.08	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	10681	10784	10451	10639	1.61	cps
Phosphorus	31-2	35713	35930	35362	35668	0.80	cps
Potassium	39-2	1397674	1418112	1404359	1406715	0.74	cps
Rhodium	103-1	6782781	6787532	6784368	6784894	0.04	cps
Rhodium	103-2	1901974	1871400	1900707	1891360	0.91	cps
Scandium	45-1	4464270	4490072	4476858	4477067	0.29	cps
Scandium	45-2	37333	37597	37935	37621	0.80	cps
Selenium	77-2	20	17	13	17	20.01	cps
Selenium	78-2	39	44	57	47	20.26	cps
Selenium	82-1	1964	1949	1864	1925	2.81	cps
Silicon	28-1	731169	729949	728738	729952	0.17	cps
Silver	109-1	135224	136603	135148	135658	0.60	cps
Silver	107-1	143059	142884	143853	143265	0.36	cps
Sodium	23-2	5676326	5582254	5570612	5609731	1.03	cps
Strontium	86-1	180258	180461	180385	180368	0.06	cps
Strontium	88-1	1600137	1606972	1569651	1592253	1.25	cps
Sulfur	34-1	2156227	2168333	2154898	2159819	0.34	cps
Terbium	159-1	9664738	9847293	9813688	9775240	0.99	cps
Terbium	159-2	2021790	1967809	1978800	1989466	1.43	cps
Thallium	203-1	111427	114453	113469	113116	1.36	cps
Thallium	205-1	265486	267657	269736	267627	0.79	cps
Tin	118-1	291140	290851	295761	292584	0.94	cps
Titanium	47-1	1685819	1657406	1684180	1675801	0.95	cps
Uranium	238-1	1056199	1054826	1068290	1059772	0.70	cps
Vanadium	51-2	10347	10281	9954	10194	2.07	cps
Yttrium	89-1	8055434	8087855	8004261	8049183	0.52	cps
Yttrium	89-2	263131	262380	261118	262210	0.39	cps
Zinc	66-2	3611	3761	3827	3733	2.97	cps
Zirconium	90-1	643464	641263	639852	641526	0.28	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:06:12	DataFile Name :	016ICSB_P8122217MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	144256	142961	143298	143505	0.47	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:15:22	DataFile Name :	019CCV_P8122217MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	257062	258284	255520	256955	0.54	cps
Antimony	121-1	3703927	3688818	3685659	3692801	0.26	cps
Arsenic	75-2	43593	44150	44583	44108	1.13	cps
Barium	135-1	3939095	3920916	3987157	3949056	0.87	cps
Barium	137-1	6704115	6667791	6750077	6707328	0.61	cps
Beryllium	9-1	497658	497859	495643	497053	0.25	cps
Bismuth	209-1	5886297	5718493	5812511	5805767	1.45	cps
Bismuth	209-2	1544768	1552279	1559073	1552040	0.46	cps
Boron	10-1	54672	56412	57189	56091	2.30	cps
Boron	11-1	252958	259006	266888	259617	2.69	cps
Cadmium	111-1	752510	751671	758888	754356	0.52	cps
Cadmium	106-1	78042	79342	79092	78825	0.87	cps
Cadmium	108-1	53858	54301	53820	53993	0.50	cps
Calcium	43-1	3871180	3863403	3905523	3880035	0.58	cps
Calcium	44-1	63184812	63460849	63818604	63488088	0.50	cps
Chromium	52-2	344571	344554	343358	344161	0.20	cps
Cobalt	59-2	711994	711817	715174	712995	0.26	cps
Copper	63-2	1209937	1204291	1201433	1205220	0.36	cps
Dysprosium	156-1	100	83	42	75	40.06	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	17	20	3	13	66.16	cps
Gadolinium	160-1	58	92	25	58	57.14	cps
Gadolinium	160-2	0	7	20	9	114.55	cps
Holmium	165-1	9483582	9419207	9550558	9484449	0.69	cps
Holmium	165-2	2063116	2063844	2088820	2071927	0.71	cps
Indium	115-1	7304018	7214396	7293475	7270629	0.67	cps
Indium	115-2	332003	330086	330173	330754	0.33	cps
Iron	56-2	56682233	56356417	56655639	56564763	0.32	cps
Iron	57-2	1441744	1439749	1453211	1444902	0.50	cps
Lead	206-1	2304083	2249253	2284728	2279355	1.22	cps
Lead	207-1	2111428	2086875	2092076	2096793	0.62	cps
Lead	208-1	9438857	9344546	9353209	9378871	0.56	cps
Lithium	6-1	1308824	1322108	1323629	1318187	0.62	cps
Magnesium	24-2	6000598	6015847	6032786	6016410	0.27	cps
Manganese	55-2	198621	197089	195432	197047	0.81	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:15:22	DataFile Name :	019CCV_P8122217MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6165804	6161413	6150095	6159104	0.13	cps
Molybdenum	95-1	7651508	7551344	7608170	7603674	0.66	cps
Molybdenum	96-1	8498507	8437800	8389315	8441874	0.65	cps
Molybdenum	97-1	4761634	4796110	4794778	4784174	0.41	cps
Molybdenum	98-1	12109762	12124047	11986886	12073565	0.62	cps
Neodymium	150-1	180	187	260	209	21.25	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	204651	204154	205449	204751	0.32	cps
Phosphorus	31-2	3534	3959	3401	3631	8.03	cps
Potassium	39-2	1783943	1794965	1785740	1788216	0.33	cps
Rhodium	103-1	6535015	6564101	6530170	6543095	0.28	cps
Rhodium	103-2	1827959	1828408	1819367	1825245	0.28	cps
Scandium	45-1	4402458	4427421	4452427	4427435	0.56	cps
Scandium	45-2	37533	37250	37393	37392	0.38	cps
Selenium	77-2	260	320	310	297	10.84	cps
Selenium	78-2	974	893	1089	985	10.01	cps
Selenium	82-1	48083	48764	48442	48430	0.70	cps
Silicon	28-1	1753110	1792129	1783883	1776374	1.16	cps
Silver	109-1	3599130	3561652	3549562	3570115	0.72	cps
Silver	107-1	3690369	3695151	3741263	3708928	0.76	cps
Sodium	23-2	14060697	14038511	14000716	14033308	0.22	cps
Strontium	86-1	1004948	1002081	1006277	1004436	0.21	cps
Strontium	88-1	8516107	8565696	8622212	8568005	0.62	cps
Sulfur	34-1	606668	608851	609438	608319	0.24	cps
Terbium	159-1	9661323	9659469	9653680	9658157	0.04	cps
Terbium	159-2	1998208	2008856	1955921	1987661	1.41	cps
Thallium	203-1	2850132	2827224	2828280	2835212	0.46	cps
Thallium	205-1	6687360	6636094	6672666	6665373	0.40	cps
Tin	118-1	2509609	2479186	2489161	2492652	0.62	cps
Titanium	47-1	2053540	2044785	2044793	2047706	0.25	cps
Uranium	238-1	9159588	9167173	9163878	9163547	0.04	cps
Vanadium	51-2	258029	259772	259340	259047	0.35	cps
Yttrium	89-1	7830153	7854042	7914702	7866299	0.55	cps
Yttrium	89-2	259534	256886	256181	257533	0.69	cps
Zinc	66-2	113603	112132	113381	113039	0.70	cps
Zirconium	90-1	5169777	5238086	5258664	5222176	0.89	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:15:22	DataFile Name :	019CCV_P8122217MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1142390	1150669	1158361	1150473	0.69	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:18:22	DataFile Name :	020CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	42	25	66.68	cps
Antimony	121-1	1784	2092	2134	2003	9.55	cps
Arsenic	75-2	7	6	9	7	24.97	cps
Barium	135-1	92	167	117	125	30.55	cps
Barium	137-1	183	192	175	183	4.55	cps
Beryllium	9-1	439	433	356	409	11.38	cps
Bismuth	209-1	6119963	6101383	6229909	6150419	1.13	cps
Bismuth	209-2	1650229	1626285	1622244	1632919	0.93	cps
Boron	10-1	2184	1950	2234	2122	7.13	cps
Boron	11-1	10613	9787	9387	9929	6.30	cps
Cadmium	111-1	993	881	953	942	5.99	cps
Cadmium	106-1	1325	1192	1317	1278	5.85	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	1133	1317	1100	1183	9.86	cps
Calcium	44-1	22335	21592	21667	21865	1.87	cps
Chromium	52-2	273	293	227	264	12.94	cps
Cobalt	59-2	73	63	63	67	8.66	cps
Copper	63-2	227	243	237	236	3.56	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	75	42	33	50	44.10	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	58	25	33	39	44.62	cps
Gadolinium	160-2	10	7	0	6	91.64	cps
Holmium	165-1	9301635	9359738	9417436	9359603	0.62	cps
Holmium	165-2	2083338	2043492	2053089	2059973	1.01	cps
Indium	115-1	7516446	7498425	7511482	7508784	0.12	cps
Indium	115-2	347696	342288	340280	343422	1.12	cps
Iron	56-2	5090	4801	4779	4890	3.55	cps
Iron	57-2	117	189	106	137	33.02	cps
Lead	206-1	544	611	722	626	14.35	cps
Lead	207-1	583	683	572	613	9.98	cps
Lead	208-1	2856	2728	2650	2745	3.78	cps
Lithium	6-1	1347984	1367664	1338697	1351448	1.09	cps
Magnesium	24-2	433	442	408	428	4.05	cps
Manganese	55-2	37	27	3	22	76.99	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:18:22	DataFile Name :	020CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	750	717	719	4.07	cps
Molybdenum	95-1	717	675	800	731	8.71	cps
Molybdenum	96-1	975	800	925	900	10.02	cps
Molybdenum	97-1	392	475	492	453	11.83	cps
Molybdenum	98-1	1333	1325	1083	1247	11.38	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	287	163	243	231	27.07	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2800	2742	2792	2778	1.14	cps
Rhodium	103-1	7027476	6952422	6964336	6981411	0.58	cps
Rhodium	103-2	1939177	1938582	1923705	1933821	0.45	cps
Scandium	45-1	4451555	4409810	4424567	4428644	0.48	cps
Scandium	45-2	38142	36855	37106	37367	1.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	42	13	80	45	74.04	cps
Silicon	28-1	400523	397377	395144	397682	0.68	cps
Silver	109-1	358	258	267	294	18.84	cps
Silver	107-1	300	317	308	308	2.70	cps
Sodium	23-2	17995	17678	17027	17567	2.81	cps
Strontium	86-1	608	583	608	600	2.41	cps
Strontium	88-1	358	258	267	294	18.85	cps
Sulfur	34-1	375946	376183	376295	376141	0.05	cps
Terbium	159-1	9649604	9680641	9586436	9638894	0.50	cps
Terbium	159-2	2014553	1976249	1966921	1985908	1.27	cps
Thallium	203-1	975	942	925	947	2.69	cps
Thallium	205-1	2167	2142	2125	2145	0.98	cps
Tin	118-1	1325	1375	1367	1356	1.98	cps
Titanium	47-1	208	292	192	231	23.24	cps
Uranium	238-1	300	250	275	275	9.09	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	7897887	7925026	7841518	7888144	0.54	cps
Yttrium	89-2	261497	260435	257782	259905	0.74	cps
Zinc	66-2	37	27	50	38	30.98	cps
Zirconium	90-1	808	775	750	778	3.76	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:18:22	DataFile Name :	020CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	167	192	158	24.12	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:21:30 DataFile Name : 021SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	92	92	97	9.90	cps
Antimony	121-1	14208	14776	14717	14567	2.14	cps
Arsenic	75-2	91	91	87	90	2.39	cps
Barium	135-1	14367	14617	14300	14428	1.16	cps
Barium	137-1	24899	24173	24373	24482	1.53	cps
Beryllium	9-1	1317	1172	1122	1204	8.39	cps
Bismuth	209-1	6160032	6100220	6148700	6136317	0.52	cps
Bismuth	209-2	1437601	1630928	1644657	1571062	7.37	cps
Boron	10-1	3601	3684	3601	3628	1.33	cps
Boron	11-1	16402	16093	17169	16555	3.35	cps
Cadmium	111-1	2383	2334	2169	2296	4.88	cps
Cadmium	106-1	1392	1383	1225	1333	7.04	cps
Cadmium	108-1	71	108	108	96	22.60	cps
Calcium	43-1	8186	8144	8336	8222	1.23	cps
Calcium	44-1	137739	139949	140178	139289	0.97	cps
Chromium	52-2	1673	1507	1677	1619	6.00	cps
Cobalt	59-2	1527	1450	1470	1482	2.68	cps
Copper	63-2	2767	2640	2697	2701	2.35	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	58	92	50	67	33.07	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	9326113	9162220	9254658	9247664	0.89	cps
Holmium	165-2	1843666	2070309	2076941	1996972	6.65	cps
Indium	115-1	7501588	7442847	7426361	7456932	0.53	cps
Indium	115-2	301284	342352	343652	329096	7.32	cps
Iron	56-2	25535	25168	25201	25301	0.80	cps
Iron	57-2	561	694	678	644	11.27	cps
Lead	206-1	5246	4934	4929	5036	3.60	cps
Lead	207-1	4217	4506	4612	4445	4.60	cps
Lead	208-1	20730	20335	20485	20516	0.97	cps
Lithium	6-1	1352043	1346331	1343535	1347303	0.32	cps
Magnesium	24-2	11497	11689	11822	11669	1.40	cps
Manganese	55-2	270	267	260	266	1.92	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:21:30	DataFile Name :	021SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11797	12031	11781	11870	1.18	cps
Molybdenum	95-1	13958	14717	14784	14486	3.17	cps
Molybdenum	96-1	15918	16302	15977	16066	1.29	cps
Molybdenum	97-1	8903	8978	8695	8859	1.66	cps
Molybdenum	98-1	22194	22945	22428	22522	1.71	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	677	623	663	654	4.24	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	9145	8953	8686	8928	2.58	cps
Rhodium	103-1	6973385	6984156	6911091	6956211	0.57	cps
Rhodium	103-2	1717801	1929127	1934328	1860418	6.64	cps
Scandium	45-1	4406659	4418518	4398586	4407921	0.23	cps
Scandium	45-2	32803	37246	37300	35783	7.21	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	7	15	13	12	32.84	cps
Selenium	82-1	284	484	397	388	25.82	cps
Silicon	28-1	443443	446964	439684	443364	0.82	cps
Silver	109-1	6869	6835	7111	6938	2.16	cps
Silver	107-1	7052	7194	7436	7227	2.68	cps
Sodium	23-2	43493	42865	42716	43024	0.96	cps
Strontium	86-1	2442	2575	2467	2495	2.84	cps
Strontium	88-1	15818	16494	16427	16246	2.29	cps
Sulfur	34-1	378038	377334	377217	377530	0.12	cps
Terbium	159-1	9543009	9626687	9606816	9592171	0.46	cps
Terbium	159-2	1744144	1977568	1988110	1903274	7.25	cps
Thallium	203-1	6394	6035	5777	6068	5.11	cps
Thallium	205-1	14342	13833	13666	13947	2.52	cps
Tin	118-1	24548	24565	23472	24195	2.59	cps
Titanium	47-1	4443	3976	4084	4167	5.86	cps
Uranium	238-1	16537	17196	16612	16781	2.15	cps
Vanadium	51-2	2524	2434	2344	2434	3.70	cps
Yttrium	89-1	7895338	7855608	7970146	7907031	0.74	cps
Yttrium	89-2	227361	258623	258779	248254	7.29	cps
Zinc	66-2	373	227	303	301	24.36	cps
Zirconium	90-1	10363	10688	10863	10638	2.39	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:21:30	DataFile Name :	021SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2234	2550	2409	2398	6.62	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : PB105287BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:24:38 DataFile Name : 022CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	0	0	14	173.21	cps
Antimony	121-1	433	375	408	406	7.22	cps
Arsenic	75-2	7	15	2	8	81.07	cps
Barium	135-1	17	33	33	28	34.63	cps
Barium	137-1	58	92	33	61	47.89	cps
Beryllium	9-1	322	239	222	261	20.52	cps
Bismuth	209-1	6242800	6192248	6146106	6193718	0.78	cps
Bismuth	209-2	1658061	1752655	1738331	1716349	2.97	cps
Boron	10-1	933	1008	1200	1047	13.13	cps
Boron	11-1	4518	4734	4459	4570	3.17	cps
Cadmium	111-1	943	987	1026	985	4.21	cps
Cadmium	106-1	1333	1400	1433	1389	3.67	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	1075	1000	992	1022	4.49	cps
Calcium	44-1	19464	19439	19389	19431	0.20	cps
Chromium	52-2	230	213	323	256	23.20	cps
Cobalt	59-2	100	40	73	71	42.27	cps
Copper	63-2	233	173	193	200	15.27	cps
Dysprosium	156-1	33	8	0	14	124.92	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	33	25	39	44.62	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	75	33	92	67	45.07	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	9527697	9291396	9321021	9380038	1.37	cps
Holmium	165-2	2105988	2142967	2119934	2122963	0.88	cps
Indium	115-1	7672654	7603430	7532530	7602871	0.92	cps
Indium	115-2	348250	356446	354932	353209	1.23	cps
Iron	56-2	4005	2211	2534	2917	32.78	cps
Iron	57-2	128	72	61	87	41.04	cps
Lead	206-1	378	378	539	432	21.56	cps
Lead	207-1	417	428	339	394	12.28	cps
Lead	208-1	1745	1833	1861	1813	3.36	cps
Lithium	6-1	1362989	1355961	1351760	1356903	0.42	cps
Magnesium	24-2	383	392	350	375	5.88	cps
Manganese	55-2	23	17	23	21	18.21	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:24:38	DataFile Name :	022CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	333	175	242	33.96	cps
Molybdenum	95-1	83	133	100	106	24.12	cps
Molybdenum	96-1	192	150	183	175	12.60	cps
Molybdenum	97-1	117	108	75	100	22.05	cps
Molybdenum	98-1	200	183	250	211	16.44	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	263	193	243	233	15.45	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2517	2717	2759	2664	4.85	cps
Rhodium	103-1	7108972	6923820	7036000	7022930	1.33	cps
Rhodium	103-2	1955193	2013190	2003453	1990612	1.56	cps
Scandium	45-1	4525286	4458959	4451674	4478639	0.91	cps
Scandium	45-2	37988	38810	38349	38382	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-1	-41	-6	-16	-135.96	cps
Silicon	28-1	389823	390539	390534	390299	0.11	cps
Silver	109-1	108	158	125	131	19.50	cps
Silver	107-1	150	100	150	133	21.65	cps
Sodium	23-2	17203	15759	16769	16577	4.47	cps
Strontium	86-1	558	583	500	547	7.81	cps
Strontium	88-1	117	108	100	108	7.69	cps
Sulfur	34-1	380220	380028	376125	378791	0.61	cps
Terbium	159-1	9816582	9703308	9650677	9723523	0.87	cps
Terbium	159-2	2031220	2036471	2064154	2043948	0.87	cps
Thallium	203-1	325	483	342	383	22.70	cps
Thallium	205-1	1175	925	958	1020	13.32	cps
Tin	118-1	1392	1050	1250	1231	13.95	cps
Titanium	47-1	150	100	125	125	20.00	cps
Uranium	238-1	42	58	58	53	18.23	cps
Vanadium	51-2	10	17	3	10	66.70	cps
Yttrium	89-1	8074427	8065086	7913242	8017585	1.13	cps
Yttrium	89-2	263789	267119	269434	266781	1.06	cps
Zinc	66-2	7	10	20	12	56.76	cps
Zirconium	90-1	533	642	542	572	10.54	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:24:38	DataFile Name :	022CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	67	97	27.55	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:28:55	DataFile Name :	023LCSE_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	300	217	225	31.65	cps
Antimony	121-1	29158	28556	29342	29019	1.42	cps
Arsenic	75-2	163	180	183	175	6.19	cps
Barium	135-1	30645	29567	30252	30155	1.81	cps
Barium	137-1	53208	52313	52354	52625	0.96	cps
Beryllium	9-1	2222	1961	2267	2150	7.68	cps
Bismuth	209-1	5437334	6398923	6380576	6072278	9.06	cps
Bismuth	209-2	1699197	1722506	1717295	1712999	0.71	cps
Boron	10-1	5743	6352	6435	6177	6.12	cps
Boron	11-1	26926	27394	27711	27344	1.44	cps
Cadmium	111-1	3833	4082	4016	3977	3.24	cps
Cadmium	106-1	1517	1834	1634	1661	9.64	cps
Cadmium	108-1	279	217	225	240	14.12	cps
Calcium	43-1	17036	16502	15893	16477	3.47	cps
Calcium	44-1	268203	264821	271444	268156	1.24	cps
Chromium	52-2	3260	3107	3190	3186	2.41	cps
Cobalt	59-2	2864	3074	2854	2930	4.24	cps
Copper	63-2	5044	5301	5298	5214	2.82	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	100	50	61	56.78	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	75	25	75	58	49.49	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	8294516	9643553	9635007	9191025	8.45	cps
Holmium	165-2	2137747	2129110	2123363	2130073	0.34	cps
Indium	115-1	6745015	7781139	7729420	7418525	7.87	cps
Indium	115-2	352584	354034	353285	353301	0.21	cps
Iron	56-2	223621	223197	223694	223504	0.12	cps
Iron	57-2	5635	5568	5785	5662	1.96	cps
Lead	206-1	9854	9526	9815	9732	1.84	cps
Lead	207-1	8559	8709	8820	8696	1.51	cps
Lead	208-1	39269	39442	39425	39379	0.24	cps
Lithium	6-1	1214759	1419133	1387359	1340417	8.20	cps
Magnesium	24-2	23996	24021	24280	24099	0.65	cps
Manganese	55-2	430	417	400	416	3.62	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:28:55	DataFile Name :	023LCSE_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24774	24514	25149	24812	1.29	cps
Molybdenum	95-1	29901	29550	29808	29753	0.61	cps
Molybdenum	96-1	32732	32173	32774	32559	1.03	cps
Molybdenum	97-1	18572	18780	17712	18355	3.08	cps
Molybdenum	98-1	46614	46724	46840	46726	0.24	cps
Neodymium	150-1	13	7	47	22	96.44	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1130	1173	1080	1128	4.14	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	16318	15860	16335	16171	1.67	cps
Rhodium	103-1	6179253	7171318	7203723	6851431	8.50	cps
Rhodium	103-2	1995245	1988365	1980034	1987881	0.38	cps
Scandium	45-1	3969653	4490962	4617272	4359295	7.88	cps
Scandium	45-2	38446	38600	38125	38390	0.63	cps
Selenium	77-2	10	0	10	7	86.60	cps
Selenium	78-2	30	11	26	22	44.10	cps
Selenium	82-1	1012	970	979	987	2.24	cps
Silicon	28-1	496689	497482	494704	496291	0.29	cps
Silver	109-1	14467	14558	14775	14600	1.09	cps
Silver	107-1	15994	15284	15543	15607	2.30	cps
Sodium	23-2	71916	71790	71739	71815	0.13	cps
Strontium	86-1	4518	4543	4493	4518	0.55	cps
Strontium	88-1	34871	32648	33868	33796	3.29	cps
Sulfur	34-1	385325	385738	382349	384471	0.48	cps
Terbium	159-1	8658318	9929693	10019149	9535720	7.98	cps
Terbium	159-2	2062798	2058848	2056275	2059307	0.16	cps
Thallium	203-1	11664	11764	11656	11695	0.52	cps
Thallium	205-1	26980	28074	26888	27314	2.42	cps
Tin	118-1	49878	50354	48363	49532	2.10	cps
Titanium	47-1	8528	8236	7719	8161	5.02	cps
Uranium	238-1	35376	35251	35351	35326	0.19	cps
Vanadium	51-2	5148	5048	5078	5091	1.01	cps
Yttrium	89-1	7094918	8152544	8171577	7806346	7.89	cps
Yttrium	89-2	267979	264262	264069	265437	0.83	cps
Zinc	66-2	473	550	510	511	7.50	cps
Zirconium	90-1	21943	21025	21843	21604	2.33	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	PB105287BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:28:55	DataFile Name :	023LCSE_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4651	4651	4493	4598	1.99	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6754-10 Instrumnet Name : P8
 Client Sample ID : MA4ZB7 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:32:03 DataFile Name : 024SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	567	458	558	17.21	cps
Antimony	121-1	4609	4509	4243	4454	4.26	cps
Arsenic	75-2	169	169	204	180	11.27	cps
Barium	135-1	13316	12915	13015	13082	1.59	cps
Barium	137-1	25819	22186	22612	23539	8.44	cps
Beryllium	9-1	150	172	183	169	10.07	cps
Bismuth	209-1	4654206	4428149	4361355	4481237	3.42	cps
Bismuth	209-2	1300787	1294244	1290614	1295215	0.40	cps
Boron	10-1	354014	363622	366191	361276	1.78	cps
Boron	11-1	1779920	1788692	1825647	1798086	1.35	cps
Cadmium	111-1	1044	1223	1015	1094	10.28	cps
Cadmium	106-1	1192	1425	1150	1256	11.81	cps
Cadmium	108-1	33	42	46	40	15.80	cps
Calcium	43-1	4475305	4482565	4476887	4478252	0.09	cps
Calcium	44-1	72926577	73335752	72698154	72986827	0.44	cps
Chromium	52-2	783	837	750	790	5.53	cps
Cobalt	59-2	197	203	187	196	4.29	cps
Copper	63-2	3370	3247	3307	3308	1.86	cps
Dysprosium	156-1	158	158	167	161	2.99	cps
Dysprosium	156-2	43	30	43	39	19.79	cps
Erbium	164-1	233	192	167	197	17.08	cps
Erbium	164-2	33	47	37	39	17.85	cps
Gadolinium	160-1	250	292	217	253	14.87	cps
Gadolinium	160-2	80	83	80	81	2.38	cps
Holmium	165-1	7718942	7689350	7567124	7658472	1.05	cps
Holmium	165-2	1857248	1846837	1881786	1861957	0.96	cps
Indium	115-1	6240965	6144566	6129969	6171833	0.98	cps
Indium	115-2	308706	309503	308594	308934	0.16	cps
Iron	56-2	84617	84367	85529	84838	0.72	cps
Iron	57-2	2222	2272	2657	2384	9.98	cps
Lead	206-1	3612	3317	3212	3380	6.14	cps
Lead	207-1	3206	2867	2900	2991	6.25	cps
Lead	208-1	14804	13314	12903	13674	7.31	cps
Lithium	6-1	1069809	1066114	1054935	1063619	0.73	cps
Magnesium	24-2	23955003	23941256	24182539	24026266	0.56	cps
Manganese	55-2	3430	3417	3571	3473	2.45	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6754-10 Instrumnet Name : P8
 Client Sample ID : MA4ZB7 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:32:03 DataFile Name : 024SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12423	12857	13015	12765	2.40	cps
Molybdenum	95-1	21685	22228	21727	21880	1.38	cps
Molybdenum	96-1	22928	23012	22778	22906	0.52	cps
Molybdenum	97-1	15459	15134	14959	15184	1.67	cps
Molybdenum	98-1	34729	33476	33885	34030	1.88	cps
Neodymium	150-1	293	200	280	258	19.58	cps
Neodymium	150-2	43	47	47	46	4.23	cps
Nickel	60-2	617	543	570	577	6.44	cps
Phosphorus	31-2	67	50	42	53	24.12	cps
Potassium	39-2	4425740	4381982	4480962	4429561	1.12	cps
Rhodium	103-1	5534024	5527551	5415186	5492254	1.22	cps
Rhodium	103-2	1626956	1581561	1617851	1608789	1.49	cps
Scandium	45-1	4056378	4064603	4037666	4052882	0.34	cps
Scandium	45-2	38112	37520	37600	37744	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	7	6	7	15.72	cps
Selenium	82-1	-2057	-1893	-1819	-1923	-6.35	cps
Silicon	28-1	4036542	3831770	3966350	3944887	2.64	cps
Silver	109-1	1417	1492	1325	1411	5.91	cps
Silver	107-1	1642	1458	1550	1550	5.92	cps
Sodium	23-2	469020177	468978960	474175427	470724855	0.63	cps
Strontium	86-1	9756964	9679927	9674246	9703712	0.48	cps
Strontium	88-1	83629329	83795777	83543639	83656248	0.15	cps
Sulfur	34-1	12584267	12597629	12677491	12619796	0.40	cps
Terbium	159-1	8136962	7979578	7827994	7981511	1.94	cps
Terbium	159-2	1814463	1813202	1769525	1799063	1.42	cps
Thallium	203-1	808	667	558	678	18.50	cps
Thallium	205-1	1975	1700	1500	1725	13.83	cps
Tin	118-1	2242	2400	2417	2353	4.11	cps
Titanium	47-1	12514	13667	10187	12123	14.62	cps
Uranium	238-1	35811	34508	33722	34680	3.04	cps
Vanadium	51-2	1357	1150	1247	1251	8.27	cps
Yttrium	89-1	6951122	6902245	6839591	6897653	0.81	cps
Yttrium	89-2	246661	246627	247174	246821	0.12	cps
Zinc	66-2	433	430	427	430	0.78	cps
Zirconium	90-1	1108	1208	1233	1183	5.59	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZB7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:32:03	DataFile Name :	024SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	283	225	247	12.76	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6754-11 Instrumnet Name : P8
 Client Sample ID : MA4ZB8 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:35:11 DataFile Name : 025SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	400	492	447	10.26	cps
Antimony	121-1	3642	3817	3542	3667	3.80	cps
Arsenic	75-2	161	146	169	159	7.13	cps
Barium	135-1	12765	13841	12882	13163	4.49	cps
Barium	137-1	23271	22812	22704	22929	1.31	cps
Beryllium	9-1	211	133	183	176	22.40	cps
Bismuth	209-1	4098428	4107584	4047911	4084641	0.79	cps
Bismuth	209-2	1295044	1304250	1306463	1301919	0.47	cps
Boron	10-1	357132	360783	359671	359195	0.52	cps
Boron	11-1	1775059	1783349	1807338	1788582	0.94	cps
Cadmium	111-1	867	965	892	908	5.62	cps
Cadmium	106-1	1100	1275	1117	1164	8.30	cps
Cadmium	108-1	17	33	21	24	36.73	cps
Calcium	43-1	4394195	4419922	4427007	4413708	0.39	cps
Calcium	44-1	71386725	72153754	71723581	71754686	0.54	cps
Chromium	52-2	747	690	763	733	5.24	cps
Cobalt	59-2	150	230	200	193	20.91	cps
Copper	63-2	3404	3437	3397	3413	0.63	cps
Dysprosium	156-1	133	158	133	142	10.19	cps
Dysprosium	156-2	23	27	37	29	24.03	cps
Erbium	164-1	125	183	117	142	25.64	cps
Erbium	164-2	43	20	40	34	36.64	cps
Gadolinium	160-1	167	167	150	161	5.97	cps
Gadolinium	160-2	53	23	37	38	39.79	cps
Holmium	165-1	7321097	7246122	7284926	7284048	0.51	cps
Holmium	165-2	1902238	1905987	1922201	1910142	0.56	cps
Indium	115-1	5998359	5972999	6009297	5993552	0.31	cps
Indium	115-2	318174	317789	315165	317043	0.52	cps
Iron	56-2	73041	74839	75269	74383	1.59	cps
Iron	57-2	1950	1884	1733	1856	5.98	cps
Lead	206-1	2500	2361	2239	2367	5.52	cps
Lead	207-1	2122	2128	1845	2032	7.98	cps
Lead	208-1	9485	9113	8663	9087	4.53	cps
Lithium	6-1	1085078	1080929	1070745	1078917	0.68	cps
Magnesium	24-2	24502662	24229735	24262326	24331574	0.61	cps
Manganese	55-2	3110	2944	2967	3007	3.00	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:35:11	DataFile Name :	025SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12331	12339	11998	12223	1.60	cps
Molybdenum	95-1	21718	21877	21301	21632	1.38	cps
Molybdenum	96-1	22202	22319	22720	22414	1.21	cps
Molybdenum	97-1	14483	14825	14809	14706	1.31	cps
Molybdenum	98-1	32807	33785	33777	33456	1.68	cps
Neodymium	150-1	227	167	173	189	17.41	cps
Neodymium	150-2	20	40	23	28	38.58	cps
Nickel	60-2	517	570	490	526	7.75	cps
Phosphorus	31-2	25	42	58	42	40.00	cps
Potassium	39-2	4497694	4517990	4548780	4521488	0.57	cps
Rhodium	103-1	5320075	5424256	5353221	5365851	0.99	cps
Rhodium	103-2	1624341	1637803	1617249	1626464	0.64	cps
Scandium	45-1	4004282	4048593	4056031	4036302	0.69	cps
Scandium	45-2	39365	39636	38917	39306	0.92	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	9	0	2	4	132.32	cps
Selenium	82-1	160	-163	-292	-98	-236.67	cps
Silicon	28-1	3863100	3880871	3846414	3863462	0.45	cps
Silver	109-1	775	683	608	689	12.12	cps
Silver	107-1	808	892	917	872	6.50	cps
Sodium	23-2	477527577	481910627	475654044	478364083	0.67	cps
Strontium	86-1	9469001	9480972	9563425	9504466	0.54	cps
Strontium	88-1	81761189	81811579	81889996	81820921	0.08	cps
Sulfur	34-1	12639743	12742978	12711466	12698062	0.42	cps
Terbium	159-1	7467989	7614640	7535189	7539273	0.97	cps
Terbium	159-2	1838574	1819075	1857480	1838377	1.04	cps
Thallium	203-1	242	250	333	275	18.43	cps
Thallium	205-1	683	575	625	628	8.64	cps
Tin	118-1	2300	1975	1942	2072	9.55	cps
Titanium	47-1	7044	6977	6827	6949	1.60	cps
Uranium	238-1	31382	31340	30940	31221	0.78	cps
Vanadium	51-2	1097	1333	1263	1231	9.88	cps
Yttrium	89-1	6697905	6813221	6715012	6742046	0.92	cps
Yttrium	89-2	253306	253673	256459	254479	0.68	cps
Zinc	66-2	520	503	450	491	7.45	cps
Zirconium	90-1	875	767	983	875	12.38	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:35:11	DataFile Name :	025SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	200	233	217	7.69	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6754-14 Instrumnet Name : P8
 Client Sample ID : MA4ZB9 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:38:20 DataFile Name : 026SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	800	692	747	7.26	cps
Antimony	121-1	3359	3767	3842	3656	7.12	cps
Arsenic	75-2	174	194	150	173	12.87	cps
Barium	135-1	12723	12965	12907	12865	0.98	cps
Barium	137-1	22002	21385	22002	21797	1.64	cps
Beryllium	9-1	194	150	144	163	16.82	cps
Bismuth	209-1	3990576	4008680	4008714	4002657	0.26	cps
Bismuth	209-2	1310431	1312051	1171314	1264598	6.39	cps
Boron	10-1	364058	366070	366616	365581	0.37	cps
Boron	11-1	1814026	1824223	1809864	1816037	0.41	cps
Cadmium	111-1	930	898	1017	948	6.49	cps
Cadmium	106-1	1258	1217	1292	1256	2.99	cps
Cadmium	108-1	38	29	0	22	88.61	cps
Calcium	43-1	4509149	4461409	4436449	4469002	0.83	cps
Calcium	44-1	73789072	73812683	72794716	73465491	0.79	cps
Chromium	52-2	1070	1080	980	1043	5.28	cps
Cobalt	59-2	207	213	207	209	1.84	cps
Copper	63-2	4914	4838	4864	4872	0.80	cps
Dysprosium	156-1	258	217	233	236	8.88	cps
Dysprosium	156-2	70	77	60	69	12.18	cps
Erbium	164-1	183	200	233	206	12.39	cps
Erbium	164-2	47	73	33	51	39.85	cps
Gadolinium	160-1	292	308	225	275	16.04	cps
Gadolinium	160-2	90	80	97	89	9.44	cps
Holmium	165-1	7068175	7192838	7215787	7158933	1.11	cps
Holmium	165-2	1937468	1914555	1717273	1856432	6.52	cps
Indium	115-1	5875905	5972068	5944454	5930809	0.83	cps
Indium	115-2	322779	324711	289149	312213	6.41	cps
Iron	56-2	120971	124318	120764	122018	1.64	cps
Iron	57-2	3439	3228	3067	3245	5.75	cps
Lead	206-1	4134	4006	4034	4058	1.66	cps
Lead	207-1	3473	3512	3262	3415	3.94	cps
Lead	208-1	16049	15410	15426	15628	2.33	cps
Lithium	6-1	1040439	1068511	1045436	1051462	1.42	cps
Magnesium	24-2	24948653	24931854	24843273	24907927	0.23	cps
Manganese	55-2	4297	4291	4234	4274	0.81	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6754-14 Instrumnet Name : P8
 Client Sample ID : MA4ZB9 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:38:20 DataFile Name : 026SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12481	12348	11764	12198	3.13	cps
Molybdenum	95-1	21009	21685	21000	21231	1.85	cps
Molybdenum	96-1	22945	22411	22060	22472	1.98	cps
Molybdenum	97-1	14759	14492	14091	14447	2.32	cps
Molybdenum	98-1	33843	33033	33409	33428	1.21	cps
Neodymium	150-1	380	353	333	356	6.58	cps
Neodymium	150-2	80	67	83	77	11.50	cps
Nickel	60-2	540	523	477	513	6.39	cps
Phosphorus	31-2	67	75	50	64	19.92	cps
Potassium	39-2	4708174	4690585	4670523	4689761	0.40	cps
Rhodium	103-1	5324960	5364085	5284846	5324630	0.74	cps
Rhodium	103-2	1672057	1662438	1455947	1596814	7.65	cps
Scandium	45-1	4003452	4096700	4091380	4063844	1.29	cps
Scandium	45-2	40859	39285	35823	38656	6.66	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	4	0	9	4	107.89	cps
Selenium	82-1	298	-46	-308	-18	-1652.97	cps
Silicon	28-1	4230530	4140840	4459956	4277108	3.85	cps
Silver	109-1	475	575	633	561	14.27	cps
Silver	107-1	683	550	583	606	11.46	cps
Sodium	23-2	493176061	488291311	490018994	490495455	0.50	cps
Strontium	86-1	9614989	9559137	9591832	9588653	0.29	cps
Strontium	88-1	83009339	83220996	83266058	83165464	0.16	cps
Sulfur	34-1	12999809	13012803	12744197	12918936	1.17	cps
Terbium	159-1	7426838	7443305	7484759	7451634	0.40	cps
Terbium	159-2	1838372	1850188	1644624	1777728	6.49	cps
Thallium	203-1	300	217	175	231	27.61	cps
Thallium	205-1	417	425	558	467	17.03	cps
Tin	118-1	1692	1817	1592	1700	6.63	cps
Titanium	47-1	9278	8953	8962	9064	2.05	cps
Uranium	238-1	31992	30597	31023	31204	2.29	cps
Vanadium	51-2	1410	1387	1383	1393	1.04	cps
Yttrium	89-1	6710477	6785820	6767955	6754751	0.58	cps
Yttrium	89-2	260674	259906	232728	251103	6.34	cps
Zinc	66-2	447	550	420	472	14.54	cps
Zirconium	90-1	1042	858	850	917	11.82	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZB9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:38:20	DataFile Name :	026SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	150	158	183	27.65	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZC1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:41:27	DataFile Name :	027SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	67	47	36.74	cps
Antimony	121-1	3051	3234	3309	3198	4.16	cps
Arsenic	75-2	194	169	204	189	9.66	cps
Barium	135-1	12148	12381	12098	12209	1.24	cps
Barium	137-1	20141	21143	20366	20550	2.56	cps
Beryllium	9-1	156	61	139	119	42.54	cps
Bismuth	209-1	3840224	3920246	3853627	3871366	1.11	cps
Bismuth	209-2	1302308	1310408	1306335	1306350	0.31	cps
Boron	10-1	350014	362317	354118	355483	1.76	cps
Boron	11-1	1711595	1789305	1780652	1760518	2.42	cps
Cadmium	111-1	979	947	997	974	2.62	cps
Cadmium	106-1	1317	1258	1308	1295	2.44	cps
Cadmium	108-1	25	25	21	24	10.20	cps
Calcium	43-1	4340744	4506527	4403387	4416886	1.90	cps
Calcium	44-1	71217937	73406779	72144156	72256291	1.52	cps
Chromium	52-2	440	487	400	442	9.81	cps
Cobalt	59-2	110	107	90	102	10.48	cps
Copper	63-2	2454	2497	2474	2475	0.88	cps
Dysprosium	156-1	42	25	58	42	40.00	cps
Dysprosium	156-2	17	3	7	9	78.08	cps
Erbium	164-1	50	33	92	58	51.51	cps
Erbium	164-2	23	3	23	17	69.30	cps
Gadolinium	160-1	75	83	58	72	17.62	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	6930508	7175048	6885114	6996890	2.23	cps
Holmium	165-2	1939531	1955306	1919903	1938246	0.92	cps
Indium	115-1	5771663	5876123	5808991	5818925	0.91	cps
Indium	115-2	325064	324791	324930	324928	0.04	cps
Iron	56-2	7725	7458	7697	7626	1.93	cps
Iron	57-2	256	200	283	246	17.23	cps
Lead	206-1	800	639	578	672	17.08	cps
Lead	207-1	589	772	550	637	18.63	cps
Lead	208-1	2756	2706	2611	2691	2.73	cps
Lithium	6-1	1031045	1057743	1050141	1046310	1.31	cps
Magnesium	24-2	25093241	25176654	25176615	25148837	0.19	cps
Manganese	55-2	1433	1467	1363	1421	3.71	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6755-10 Instrumnet Name : P8
 Client Sample ID : MA4ZC1 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:41:27 DataFile Name : 027SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11831	11997	12248	12025	1.75	cps
Molybdenum	95-1	21309	21560	21259	21376	0.75	cps
Molybdenum	96-1	22135	23037	22094	22422	2.38	cps
Molybdenum	97-1	13374	14208	13799	13794	3.02	cps
Molybdenum	98-1	32423	33668	33058	33050	1.88	cps
Neodymium	150-1	20	27	60	36	60.27	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	510	517	573	533	6.53	cps
Phosphorus	31-2	25	75	25	42	69.28	cps
Potassium	39-2	4745106	4740599	4777990	4754565	0.43	cps
Rhodium	103-1	5212914	5353572	5229374	5265287	1.46	cps
Rhodium	103-2	1643330	1639986	1618518	1633945	0.82	cps
Scandium	45-1	3935549	4090778	4025815	4017381	1.94	cps
Scandium	45-2	39897	40010	40318	40075	0.54	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	280	-76	-367	-54	-598.87	cps
Silicon	28-1	3386944	3489188	3414609	3430247	1.54	cps
Silver	109-1	317	458	383	386	18.36	cps
Silver	107-1	492	525	492	503	3.83	cps
Sodium	23-2	492401728	496407344	493414994	494074689	0.42	cps
Strontium	86-1	9298355	9539316	9380719	9406130	1.30	cps
Strontium	88-1	80566235	82587233	80544602	81232690	1.44	cps
Sulfur	34-1	12490264	12953451	12746438	12730051	1.82	cps
Terbium	159-1	7117924	7361794	7220888	7233535	1.69	cps
Terbium	159-2	1868037	1877964	1853150	1866384	0.67	cps
Thallium	203-1	125	125	108	119	8.06	cps
Thallium	205-1	433	392	408	411	5.10	cps
Tin	118-1	1425	2244	1792	1821	22.53	cps
Titanium	47-1	3142	3384	3284	3270	3.71	cps
Uranium	238-1	29428	30062	30622	30037	1.99	cps
Vanadium	51-2	1253	1213	1070	1179	8.18	cps
Yttrium	89-1	6554410	6780819	6609543	6648257	1.78	cps
Yttrium	89-2	260563	260032	261348	260648	0.25	cps
Zinc	66-2	243	240	277	253	8.00	cps
Zirconium	90-1	700	775	592	689	13.38	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-10	Instrumnet Name :	P8
Client Sample ID :	MA4ZC1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:41:27	DataFile Name :	027SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	125	183	158	18.98	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6755-11 Instrumnet Name : P8
 Client Sample ID : MA4ZC2 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:44:35 DataFile Name : 028SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	183	108	144	26.01	cps
Antimony	121-1	3134	3792	3367	3431	9.73	cps
Arsenic	75-2	185	196	200	194	3.98	cps
Barium	135-1	12214	12615	12581	12470	1.78	cps
Barium	137-1	21360	21902	21794	21685	1.32	cps
Beryllium	9-1	94	94	106	98	6.54	cps
Bismuth	209-1	3843575	3495028	3862597	3733733	5.54	cps
Bismuth	209-2	1305569	1303912	1295626	1301702	0.41	cps
Boron	10-1	349917	354750	355812	353493	0.89	cps
Boron	11-1	1752350	1775910	1772651	1766970	0.72	cps
Cadmium	111-1	809	823	876	836	4.26	cps
Cadmium	106-1	1075	1075	1183	1111	5.63	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	4423327	4429588	4400173	4417696	0.35	cps
Calcium	44-1	72457266	71388800	72358079	72068048	0.82	cps
Chromium	52-2	460	490	487	479	3.43	cps
Cobalt	59-2	83	143	93	107	30.13	cps
Copper	63-2	2547	2487	2667	2567	3.57	cps
Dysprosium	156-1	25	75	50	50	50.00	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	3	7	23	11	96.43	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	10	30	30	23	49.49	cps
Holmium	165-1	6968744	6271075	6955849	6731889	5.93	cps
Holmium	165-2	1951223	1926340	1925251	1934271	0.76	cps
Indium	115-1	5776911	5239759	5853633	5623434	5.95	cps
Indium	115-2	325802	325001	326944	325916	0.30	cps
Iron	56-2	17395	19188	17434	18005	5.69	cps
Iron	57-2	489	411	500	467	10.38	cps
Lead	206-1	806	806	717	776	6.61	cps
Lead	207-1	789	578	667	678	15.64	cps
Lead	208-1	3161	3006	3150	3106	2.79	cps
Lithium	6-1	1046117	964987	1041197	1017434	4.47	cps
Magnesium	24-2	24680561	25034151	24441782	24718831	1.21	cps
Manganese	55-2	1994	1890	1843	1909	4.02	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:44:35	DataFile Name :	028SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12298	12339	12064	12234	1.21	cps
Molybdenum	95-1	21476	20775	19748	20666	4.20	cps
Molybdenum	96-1	22987	22302	21618	22303	3.07	cps
Molybdenum	97-1	13708	14625	14083	14139	3.26	cps
Molybdenum	98-1	32457	33158	33576	33064	1.71	cps
Neodymium	150-1	53	67	40	53	25.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	407	510	503	473	12.22	cps
Phosphorus	31-2	50	25	58	44	39.04	cps
Potassium	39-2	4732795	4685109	4609825	4675910	1.33	cps
Rhodium	103-1	5254358	4714743	5297678	5088926	6.38	cps
Rhodium	103-2	1640934	1650728	1639302	1643654	0.38	cps
Scandium	45-1	4003562	3597711	4069144	3890139	6.56	cps
Scandium	45-2	40241	39863	40131	40078	0.48	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	467	-38	-317	37	1069.59	cps
Silicon	28-1	3498549	3525535	3522306	3515463	0.42	cps
Silver	109-1	408	367	400	392	5.63	cps
Silver	107-1	458	467	408	444	7.10	cps
Sodium	23-2	490137111	487263061	484022994	487141055	0.63	cps
Strontium	86-1	9281752	9278004	9354373	9304709	0.46	cps
Strontium	88-1	80623039	80713560	80120579	80485726	0.40	cps
Sulfur	34-1	12672064	12745236	12761170	12726156	0.37	cps
Terbium	159-1	7303103	6544044	7226417	7024521	5.95	cps
Terbium	159-2	1869289	1854063	1825046	1849466	1.22	cps
Thallium	203-1	167	117	133	139	18.33	cps
Thallium	205-1	375	325	325	342	8.45	cps
Tin	118-1	1875	1767	1709	1784	4.74	cps
Titanium	47-1	3109	3901	3167	3392	13.01	cps
Uranium	238-1	30605	30464	30680	30583	0.36	cps
Vanadium	51-2	1173	1210	1140	1175	2.98	cps
Yttrium	89-1	6661883	5898586	6626260	6395576	6.74	cps
Yttrium	89-2	265137	260702	259883	261907	1.08	cps
Zinc	66-2	370	343	337	350	5.04	cps
Zirconium	90-1	792	700	608	700	13.10	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:44:35	DataFile Name :	028SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	225	125	164	32.69	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6755-14 Instrumnet Name : P8
 Client Sample ID : MA4ZC3 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:47:42 DataFile Name : 029SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	42	39	12.38	cps
Antimony	121-1	3042	3176	3109	3109	2.14	cps
Arsenic	75-2	144	148	165	152	7.12	cps
Barium	135-1	11806	12239	12048	12031	1.81	cps
Barium	137-1	21193	20984	20976	21051	0.58	cps
Beryllium	9-1	100	106	144	117	20.76	cps
Bismuth	209-1	3804052	3857024	3787729	3816269	0.95	cps
Bismuth	209-2	1294792	1290314	1295427	1293511	0.22	cps
Boron	10-1	355354	356313	360174	357280	0.71	cps
Boron	11-1	1790110	1809706	1765027	1788281	1.25	cps
Cadmium	111-1	952	885	952	930	4.15	cps
Cadmium	106-1	1267	1192	1308	1256	4.71	cps
Cadmium	108-1	8	17	38	21	72.12	cps
Calcium	43-1	4472641	4434334	4436624	4447866	0.48	cps
Calcium	44-1	72849381	73031585	72561477	72814147	0.33	cps
Chromium	52-2	400	427	400	409	3.77	cps
Cobalt	59-2	117	97	103	106	9.65	cps
Copper	63-2	2444	2490	2594	2509	3.06	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	0	3	20	8	137.80	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	58	108	92	86	29.56	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	6996774	6970733	7014345	6993950	0.31	cps
Holmium	165-2	1943548	1915136	1925969	1928217	0.74	cps
Indium	115-1	5821940	5832307	5864145	5839464	0.38	cps
Indium	115-2	326912	325709	329572	327398	0.60	cps
Iron	56-2	7202	7013	6963	7059	1.79	cps
Iron	57-2	233	267	250	250	6.67	cps
Lead	206-1	611	617	533	587	7.94	cps
Lead	207-1	561	472	400	478	16.89	cps
Lead	208-1	2395	2439	2117	2317	7.54	cps
Lithium	6-1	1083987	1066822	1082075	1077628	0.87	cps
Magnesium	24-2	24766702	25003171	24928809	24899561	0.49	cps
Manganese	55-2	1493	1527	1400	1473	4.46	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6755-14 Instrumnet Name : P8
 Client Sample ID : MA4ZC3 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 14:47:42 DataFile Name : 029SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11572	11998	12173	11914	2.59	cps
Molybdenum	95-1	20466	20758	20516	20580	0.76	cps
Molybdenum	96-1	22152	21368	22236	21919	2.19	cps
Molybdenum	97-1	14166	14525	14901	14531	2.53	cps
Molybdenum	98-1	33634	33684	32707	33342	1.65	cps
Neodymium	150-1	27	67	20	38	66.81	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	500	457	483	480	4.55	cps
Phosphorus	31-2	42	42	17	33	43.30	cps
Potassium	39-2	4736446	4725451	4776745	4746214	0.57	cps
Rhodium	103-1	5224777	5261810	5283568	5256718	0.57	cps
Rhodium	103-2	1655712	1638914	1623441	1639355	0.98	cps
Scandium	45-1	4074099	4069627	4039902	4061209	0.46	cps
Scandium	45-2	40167	39790	39997	39985	0.47	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	0	13	4	6	120.21	cps
Selenium	82-1	537	-24	-127	129	277.61	cps
Silicon	28-1	3478876	3491684	3409804	3460121	1.27	cps
Silver	109-1	425	292	350	356	18.80	cps
Silver	107-1	458	400	367	408	11.36	cps
Sodium	23-2	490549528	488001694	486732628	488427950	0.40	cps
Strontium	86-1	9433549	9417054	9369396	9406666	0.35	cps
Strontium	88-1	81395777	80643948	81187975	81075900	0.48	cps
Sulfur	34-1	12823945	12927790	12694271	12815335	0.91	cps
Terbium	159-1	7250884	7230471	7168073	7216476	0.60	cps
Terbium	159-2	1871810	1860026	1886863	1872900	0.72	cps
Thallium	203-1	142	192	108	147	28.49	cps
Thallium	205-1	442	425	242	369	30.04	cps
Tin	118-1	1484	1759	1842	1695	11.07	cps
Titanium	47-1	2442	2675	2450	2523	5.25	cps
Uranium	238-1	29528	28910	29352	29263	1.09	cps
Vanadium	51-2	1190	1193	1200	1195	0.43	cps
Yttrium	89-1	6728868	6669814	6581782	6660154	1.11	cps
Yttrium	89-2	264173	261208	263999	263126	0.63	cps
Zinc	66-2	310	410	297	339	18.28	cps
Zirconium	90-1	533	567	717	606	16.13	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-14	Instrumnet Name :	P8
Client Sample ID :	MA4ZC3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:47:42	DataFile Name :	029SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	125	150	153	19.15	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01	Instrumnet Name :	P8
Client Sample ID :	MGA536	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:50:50	DataFile Name :	030SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	17	39	65.47	cps
Antimony	121-1	608	633	667	636	4.60	cps
Arsenic	75-2	57	57	61	59	3.64	cps
Barium	135-1	59653	58221	61418	59764	2.68	cps
Barium	137-1	104217	102016	103646	103293	1.11	cps
Beryllium	9-1	117	139	117	124	10.34	cps
Bismuth	209-1	5365108	5258838	5442384	5355443	1.72	cps
Bismuth	209-2	1760258	1747482	1739549	1749096	0.60	cps
Boron	10-1	11330	10930	10446	10902	4.06	cps
Boron	11-1	52221	51226	50197	51215	1.98	cps
Cadmium	111-1	992	1123	1014	1043	6.75	cps
Cadmium	106-1	1400	1592	1433	1475	6.94	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Calcium	43-1	1464419	1446526	1463645	1458197	0.69	cps
Calcium	44-1	23456061	23086083	23607672	23383272	1.15	cps
Chromium	52-2	363	420	397	393	7.24	cps
Cobalt	59-2	33	50	43	42	19.87	cps
Copper	63-2	2920	2870	2824	2871	1.68	cps
Dysprosium	156-1	17	8	50	25	88.19	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	83	75	58	72	17.62	cps
Gadolinium	160-2	10	0	10	7	86.60	cps
Holmium	165-1	8758659	8669227	8808282	8745389	0.81	cps
Holmium	165-2	2309706	2277631	2304181	2297173	0.75	cps
Indium	115-1	7441240	7324320	7511657	7425739	1.27	cps
Indium	115-2	394632	395093	387601	392442	1.07	cps
Iron	56-2	28218	28686	28769	28557	1.04	cps
Iron	57-2	806	689	744	746	7.82	cps
Lead	206-1	1267	1295	1228	1263	2.65	cps
Lead	207-1	1156	1045	1106	1102	5.05	cps
Lead	208-1	4839	4967	4851	4886	1.45	cps
Lithium	6-1	1416611	1387501	1424084	1409399	1.37	cps
Magnesium	24-2	1351532	1337515	1305703	1331583	1.76	cps
Manganese	55-2	1577	1537	1630	1581	2.96	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01	Instrumnet Name :	P8
Client Sample ID :	MGA536	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:50:50	DataFile Name :	030SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1650	1609	1467	1575	6.10	cps
Molybdenum	95-1	2017	2109	1984	2036	3.18	cps
Molybdenum	96-1	2217	2209	2334	2253	3.10	cps
Molybdenum	97-1	1425	1525	1417	1456	4.14	cps
Molybdenum	98-1	3317	3151	3742	3403	8.97	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	210	267	250	242	12.02	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	25257	25065	24096	24806	2.51	cps
Rhodium	103-1	7007790	6814949	7029042	6950594	1.70	cps
Rhodium	103-2	2115648	2117280	2104490	2112472	0.33	cps
Scandium	45-1	4834966	4790409	4801760	4809045	0.48	cps
Scandium	45-2	45825	46781	45159	45922	1.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-110	-163	-46	-107	-54.79	cps
Silicon	28-1	15376526	15163968	15316646	15285713	0.72	cps
Silver	109-1	633	508	517	553	12.64	cps
Silver	107-1	533	525	533	531	0.91	cps
Sodium	23-2	527178	511847	502414	513813	2.43	cps
Strontium	86-1	147843	146598	148180	147540	0.56	cps
Strontium	88-1	1286252	1256641	1283404	1275433	1.28	cps
Sulfur	34-1	1170399	1179812	1177154	1175788	0.41	cps
Terbium	159-1	9167263	9087010	9169507	9141260	0.51	cps
Terbium	159-2	2232311	2219692	2198962	2216988	0.76	cps
Thallium	203-1	225	183	175	194	13.78	cps
Thallium	205-1	458	400	383	414	9.52	cps
Tin	118-1	1533	1192	1292	1339	13.12	cps
Titanium	47-1	375	475	317	389	20.59	cps
Uranium	238-1	4801	5126	4901	4943	3.37	cps
Vanadium	51-2	60	47	70	59	19.88	cps
Yttrium	89-1	8194365	8011617	8172365	8126116	1.23	cps
Yttrium	89-2	303811	303739	300042	302531	0.71	cps
Zinc	66-2	5585	5615	5678	5626	0.85	cps
Zirconium	90-1	1075	1175	1175	1142	5.06	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01	Instrumnet Name :	P8
Client Sample ID :	MGA536	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:50:50	DataFile Name :	030SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	275	400	297	31.51	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-02	Instrumnet Name :	P8
Client Sample ID :	MGA536D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:53:57	DataFile Name :	031SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	58	42	53	18.23	cps
Antimony	121-1	642	542	525	569	11.08	cps
Arsenic	75-2	76	76	72	75	2.87	cps
Barium	135-1	66434	65488	65949	65957	0.72	cps
Barium	137-1	116680	112997	113904	114527	1.68	cps
Beryllium	9-1	83	117	178	126	38.04	cps
Bismuth	209-1	6164221	6091715	6116671	6124202	0.60	cps
Bismuth	209-2	1829095	1820989	1659557	1769880	5.40	cps
Boron	10-1	7144	7544	7594	7427	3.32	cps
Boron	11-1	37141	36130	36272	36514	1.50	cps
Cadmium	111-1	1039	1199	1025	1088	8.92	cps
Cadmium	106-1	1467	1692	1408	1522	9.83	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	1594895	1573475	1552175	1573515	1.36	cps
Calcium	44-1	25763478	25438736	25072726	25424980	1.36	cps
Chromium	52-2	487	410	463	453	8.67	cps
Cobalt	59-2	73	57	47	59	22.88	cps
Copper	63-2	2657	2964	2680	2767	6.17	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	17	0	7	8	107.84	cps
Erbium	164-1	75	42	17	44	65.84	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	25	83	42	50	60.09	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	9997315	9871898	9695077	9854763	1.54	cps
Holmium	165-2	2364806	2379334	2190505	2311548	4.55	cps
Indium	115-1	8282783	8112941	8007758	8134494	1.71	cps
Indium	115-2	398602	401233	364313	388049	5.31	cps
Iron	56-2	29359	28953	28357	28890	1.74	cps
Iron	57-2	794	683	683	720	8.91	cps
Lead	206-1	1417	1572	1583	1524	6.11	cps
Lead	207-1	1472	1300	1539	1437	8.58	cps
Lead	208-1	5984	6001	6362	6116	3.49	cps
Lithium	6-1	1599234	1559245	1583581	1580687	1.27	cps
Magnesium	24-2	1359971	1374817	1361613	1365467	0.60	cps
Manganese	55-2	1600	1520	1673	1598	4.80	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-02	Instrumnet Name :	P8
Client Sample ID :	MGA536D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:53:57	DataFile Name :	031SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2000	1675	1675	1784	10.52	cps
Molybdenum	95-1	2425	2342	2142	2303	6.32	cps
Molybdenum	96-1	2659	2884	2534	2692	6.59	cps
Molybdenum	97-1	1442	1525	1692	1553	8.20	cps
Molybdenum	98-1	3592	3717	3367	3559	4.98	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	300	280	293	291	3.50	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	24172	23946	24138	24085	0.51	cps
Rhodium	103-1	7509424	7467393	7521194	7499337	0.38	cps
Rhodium	103-2	2152428	2187401	1970352	2103394	5.54	cps
Scandium	45-1	5193210	5073524	5116582	5127772	1.18	cps
Scandium	45-2	45500	45510	41295	44102	5.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-92	-83	-109	-95	-13.88	cps
Silicon	28-1	16673117	16298713	16151603	16374477	1.64	cps
Silver	109-1	658	592	508	586	12.82	cps
Silver	107-1	567	500	583	550	8.02	cps
Sodium	23-2	425633	426847	422910	425130	0.47	cps
Strontium	86-1	165946	160205	160863	162338	1.94	cps
Strontium	88-1	1445413	1393666	1380202	1406427	2.45	cps
Sulfur	34-1	1262083	1250448	1254689	1255740	0.47	cps
Terbium	159-1	10409118	10195038	9972632	10192263	2.14	cps
Terbium	159-2	2294640	2279645	2081774	2218686	5.35	cps
Thallium	203-1	200	250	250	233	12.37	cps
Thallium	205-1	467	433	558	486	13.32	cps
Tin	118-1	1300	1408	1267	1325	5.59	cps
Titanium	47-1	475	350	517	447	19.39	cps
Uranium	238-1	6002	5477	6194	5891	6.30	cps
Vanadium	51-2	50	57	57	54	7.07	cps
Yttrium	89-1	8905867	8803639	8690162	8799890	1.23	cps
Yttrium	89-2	307133	308256	281041	298810	5.15	cps
Zinc	66-2	5878	5755	5608	5747	2.35	cps
Zirconium	90-1	1325	1258	1275	1286	2.70	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-02	Instrumnet Name :	P8
Client Sample ID :	MGA536D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 14:53:57	DataFile Name :	031SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	367	308	289	30.84	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I7018-01LX5 Instrumnet Name : P8
 Client Sample ID : MGA536L Dilution Factor : 5
 Date & Time Acquired :: 2017-12-22 14:57:03 DataFile Name : 032SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	8	17	86.62	cps
Antimony	121-1	183	233	150	189	22.21	cps
Arsenic	75-2	24	28	17	23	24.76	cps
Barium	135-1	12398	12106	12573	12359	1.91	cps
Barium	137-1	21159	20976	21335	21157	0.85	cps
Beryllium	9-1	161	128	83	124	31.45	cps
Bismuth	209-1	6005724	5917500	6001548	5974924	0.83	cps
Bismuth	209-2	1846160	1829106	1839282	1838182	0.47	cps
Boron	10-1	5410	5710	5351	5490	3.50	cps
Boron	11-1	26542	26968	25799	26436	2.24	cps
Cadmium	111-1	1111	1031	1070	1070	3.76	cps
Cadmium	106-1	1575	1467	1517	1520	3.57	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Calcium	43-1	285572	284174	283201	284316	0.42	cps
Calcium	44-1	4749922	4699478	4793680	4747693	0.99	cps
Chromium	52-2	230	323	250	268	18.35	cps
Cobalt	59-2	40	30	20	30	33.33	cps
Copper	63-2	893	833	887	871	3.78	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	10	17	0	9	94.38	cps
Gadolinium	160-1	75	42	83	67	33.07	cps
Gadolinium	160-2	3	0	17	7	132.33	cps
Holmium	165-1	9696235	9463999	9550044	9570093	1.23	cps
Holmium	165-2	2327760	2336862	2316035	2326886	0.45	cps
Indium	115-1	8074028	7954472	7869903	7966134	1.29	cps
Indium	115-2	397870	394729	396294	396298	0.40	cps
Iron	56-2	6552	6391	6229	6391	2.52	cps
Iron	57-2	167	233	211	204	16.66	cps
Lead	206-1	556	489	650	565	14.33	cps
Lead	207-1	494	433	450	459	6.88	cps
Lead	208-1	2117	2167	2167	2150	1.34	cps
Lithium	6-1	1569927	1502146	1574820	1548964	2.62	cps
Magnesium	24-2	251214	250436	249120	250257	0.42	cps
Manganese	55-2	300	290	373	321	14.17	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01LX5	Instrumnet Name :	P8
Client Sample ID :	MGA536L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 14:57:03	DataFile Name :	032SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	483	508	517	503	3.45	cps
Molybdenum	95-1	433	508	442	461	8.91	cps
Molybdenum	96-1	425	508	408	447	11.98	cps
Molybdenum	97-1	350	425	358	378	10.88	cps
Molybdenum	98-1	725	675	808	736	9.15	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	120	147	144	16.21	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	8153	8003	7969	8042	1.21	cps
Rhodium	103-1	7443975	7243847	7259277	7315700	1.52	cps
Rhodium	103-2	2178877	2144707	2159991	2161192	0.79	cps
Scandium	45-1	4939319	4916566	4912449	4922778	0.29	cps
Scandium	45-2	45176	45022	44005	44734	1.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-68	-41	15	-31	-135.60	cps
Silicon	28-1	3358946	3315231	3342993	3339057	0.66	cps
Silver	109-1	317	375	333	342	8.79	cps
Silver	107-1	358	358	317	344	6.98	cps
Sodium	23-2	223957	221067	218992	221339	1.13	cps
Strontium	86-1	30502	30326	30694	30507	0.60	cps
Strontium	88-1	260055	259530	256556	258713	0.73	cps
Sulfur	34-1	663235	656849	657946	659343	0.52	cps
Terbium	159-1	10104823	9898222	9878872	9960639	1.26	cps
Terbium	159-2	2234237	2231297	2243177	2236237	0.28	cps
Thallium	203-1	92	233	175	167	42.72	cps
Thallium	205-1	475	350	383	403	16.07	cps
Tin	118-1	1100	1050	1217	1122	7.62	cps
Titanium	47-1	283	300	292	292	2.86	cps
Uranium	238-1	1258	1075	1042	1125	10.37	cps
Vanadium	51-2	20	20	23	21	9.11	cps
Yttrium	89-1	8477581	8525678	8455064	8486108	0.43	cps
Yttrium	89-2	301856	300553	301012	301140	0.22	cps
Zinc	66-2	1010	1177	1067	1085	7.81	cps
Zirconium	90-1	633	633	533	600	9.62	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-01LX5	Instrumnet Name :	P8
Client Sample ID :	MGA536L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 14:57:03	DataFile Name :	032SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	167	233	192	18.95	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-03	Instrumnet Name :	P8
Client Sample ID :	MGA536S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:00:11	DataFile Name :	033SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13640	12631	12781	13018	4.18	cps
Antimony	121-1	911366	913263	909886	911505	0.19	cps
Arsenic	75-2	4706	4627	4430	4588	3.10	cps
Barium	135-1	3990247	3964925	3999760	3984977	0.45	cps
Barium	137-1	6840818	6812380	6774821	6809339	0.49	cps
Beryllium	9-1	65320	65560	65990	65623	0.52	cps
Bismuth	209-1	6811225	6823861	6716358	6783815	0.87	cps
Bismuth	209-2	1972569	1921927	1930896	1941797	1.39	cps
Boron	10-1	5751	5776	5268	5599	5.12	cps
Boron	11-1	27861	27461	26993	27438	1.58	cps
Cadmium	111-1	95529	94570	95261	95120	0.52	cps
Cadmium	106-1	10563	9495	10329	10129	5.54	cps
Cadmium	108-1	6306	6452	6222	6327	1.83	cps
Calcium	43-1	1597958	1610019	1618495	1608824	0.64	cps
Calcium	44-1	26354098	26008424	25936913	26099811	0.85	cps
Chromium	52-2	177520	176520	177499	177180	0.32	cps
Cobalt	59-2	939681	933695	927375	933584	0.66	cps
Copper	63-2	403175	400757	399988	401307	0.41	cps
Dysprosium	156-1	33	50	58	47	26.97	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	58	33	66.14	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	58	25	50	44	39.04	cps
Gadolinium	160-2	20	3	0	8	137.80	cps
Holmium	165-1	10659928	10800590	10578703	10679740	1.05	cps
Holmium	165-2	2465175	2433519	2429926	2442873	0.79	cps
Indium	115-1	8589183	8477131	8503738	8523351	0.69	cps
Indium	115-2	407155	403873	398095	403041	1.14	cps
Iron	56-2	655993	646371	644018	648794	0.98	cps
Iron	57-2	15993	16844	15809	16215	3.40	cps
Lead	206-1	113022	112175	112045	112414	0.47	cps
Lead	207-1	100277	99699	99135	99704	0.57	cps
Lead	208-1	454326	449046	447367	450246	0.81	cps
Lithium	6-1	1690673	1677106	1672086	1679955	0.57	cps
Magnesium	24-2	1341677	1324906	1297205	1321263	1.70	cps
Manganese	55-2	132155	130604	127908	130222	1.65	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-03	Instrumnet Name :	P8
Client Sample ID :	MGA536S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:00:11	DataFile Name :	033SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1875	1984	1975	1945	3.10	cps
Molybdenum	95-1	2500	2400	2642	2514	4.83	cps
Molybdenum	96-1	2792	2767	2667	2742	2.41	cps
Molybdenum	97-1	1450	1717	1400	1522	11.18	cps
Molybdenum	98-1	3626	3576	3892	3698	4.61	cps
Neodymium	150-1	100	167	127	131	25.59	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	272601	268467	267980	269683	0.94	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	22786	22460	22853	22700	0.92	cps
Rhodium	103-1	7998638	7871709	7857826	7909391	0.98	cps
Rhodium	103-2	2262905	2257514	2212280	2244233	1.24	cps
Scandium	45-1	5282832	5295140	5227144	5268372	0.69	cps
Scandium	45-2	45791	45396	44858	45349	1.03	cps
Selenium	77-2	77	57	73	69	15.55	cps
Selenium	78-2	315	302	287	301	4.61	cps
Selenium	82-1	12387	12622	12429	12479	1.00	cps
Silicon	28-1	16251309	16276216	16176747	16234757	0.32	cps
Silver	109-1	428448	425479	428386	427438	0.40	cps
Silver	107-1	446728	449076	443747	446517	0.60	cps
Sodium	23-2	339197	337485	334483	337055	0.71	cps
Strontium	86-1	168520	170056	169727	169435	0.48	cps
Strontium	88-1	1483272	1455812	1480467	1473184	1.03	cps
Sulfur	34-1	1269743	1246283	1239852	1251959	1.26	cps
Terbium	159-1	11091013	10980309	11100260	11057194	0.60	cps
Terbium	159-2	2375022	2360257	2335408	2356896	0.85	cps
Thallium	203-1	347077	343350	339197	343208	1.15	cps
Thallium	205-1	820415	827859	809704	819326	1.11	cps
Tin	118-1	1050	1267	1033	1117	11.66	cps
Titanium	47-1	475	417	292	394	23.75	cps
Uranium	238-1	6319	6110	6160	6196	1.76	cps
Vanadium	51-2	339337	333431	333700	335489	0.99	cps
Yttrium	89-1	9397140	9280676	9175674	9284497	1.19	cps
Yttrium	89-2	311566	308129	307199	308965	0.74	cps
Zinc	66-2	80927	80117	79245	80096	1.05	cps
Zirconium	90-1	1325	1559	1300	1395	10.22	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-03	Instrumnet Name :	P8
Client Sample ID :	MGA536S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:00:11	DataFile Name :	033SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	308	367	353	11.16	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-04	Instrumnet Name :	P8
Client Sample ID :	MGA537	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:03:16	DataFile Name :	034SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	25	25	0.00	cps
Antimony	121-1	650	583	508	581	12.21	cps
Arsenic	75-2	70	72	59	67	10.42	cps
Barium	135-1	74493	73580	72466	73513	1.38	cps
Barium	137-1	131272	127485	126604	128453	1.93	cps
Beryllium	9-1	172	178	172	174	1.84	cps
Bismuth	209-1	6841871	6859904	6867268	6856348	0.19	cps
Bismuth	209-2	1953121	1939078	1948618	1946939	0.37	cps
Boron	10-1	5501	5560	5051	5371	5.18	cps
Boron	11-1	25423	25231	25457	25370	0.48	cps
Cadmium	111-1	1179	1172	1256	1202	3.89	cps
Cadmium	106-1	1667	1675	1792	1711	4.08	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Calcium	43-1	1672346	1634816	1650194	1652452	1.14	cps
Calcium	44-1	26793395	26676485	26776218	26748700	0.24	cps
Chromium	52-2	270	330	310	303	10.07	cps
Cobalt	59-2	70	83	60	71	16.47	cps
Copper	63-2	1030	913	923	956	6.77	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	17	7	17	13	43.29	cps
Gadolinium	160-1	83	50	108	81	36.33	cps
Gadolinium	160-2	13	13	0	9	86.60	cps
Holmium	165-1	10815725	11020980	10741252	10859319	1.33	cps
Holmium	165-2	2497702	2470201	2464977	2477627	0.71	cps
Indium	115-1	8852059	8795500	8744468	8797342	0.61	cps
Indium	115-2	410368	409148	411292	410269	0.26	cps
Iron	56-2	25958	25246	25563	25589	1.40	cps
Iron	57-2	550	533	644	576	10.40	cps
Lead	206-1	2245	2323	2228	2265	2.23	cps
Lead	207-1	1817	1633	1539	1663	8.49	cps
Lead	208-1	8157	8385	8157	8233	1.60	cps
Lithium	6-1	1695103	1712163	1672488	1693251	1.18	cps
Magnesium	24-2	1380994	1362517	1353935	1365816	1.01	cps
Manganese	55-2	1553	1573	1443	1523	4.60	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-04	Instrumnet Name :	P8
Client Sample ID :	MGA537	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:03:16	DataFile Name :	034SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1842	2175	1834	1950	10.00	cps
Molybdenum	95-1	2534	2442	2359	2445	3.58	cps
Molybdenum	96-1	2525	2850	2475	2617	7.78	cps
Molybdenum	97-1	1650	1525	1492	1556	5.37	cps
Molybdenum	98-1	3251	4034	3676	3653	10.74	cps
Neodymium	150-1	33	27	7	22	62.43	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	220	210	277	236	15.26	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	24038	22018	22819	22958	4.43	cps
Rhodium	103-1	8114055	8003060	7994052	8037055	0.83	cps
Rhodium	103-2	2296299	2239236	2287853	2274463	1.35	cps
Scandium	45-1	5275835	5279961	5280486	5278761	0.05	cps
Scandium	45-2	45761	45005	44908	45225	1.03	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-10	-86	-17	-38	-111.69	cps
Silicon	28-1	16865861	16826315	16644331	16778836	0.70	cps
Silver	109-1	442	483	575	500	13.64	cps
Silver	107-1	550	558	575	561	2.27	cps
Sodium	23-2	334081	327865	327336	329760	1.14	cps
Strontium	86-1	176586	175159	174088	175278	0.72	cps
Strontium	88-1	1559709	1530549	1533516	1541258	1.04	cps
Sulfur	34-1	1281320	1267433	1260218	1269657	0.84	cps
Terbium	159-1	11294513	11336639	11110440	11247197	1.07	cps
Terbium	159-2	2433551	2348802	2374312	2385555	1.82	cps
Thallium	203-1	217	258	192	222	15.16	cps
Thallium	205-1	433	433	383	417	6.93	cps
Tin	118-1	967	1067	725	920	19.11	cps
Titanium	47-1	425	383	367	392	7.67	cps
Uranium	238-1	6861	6369	6752	6660	3.88	cps
Vanadium	51-2	63	67	73	68	7.51	cps
Yttrium	89-1	9397208	9286504	9307882	9330531	0.63	cps
Yttrium	89-2	314711	313972	310619	313101	0.70	cps
Zinc	66-2	1850	1947	1930	1909	2.71	cps
Zirconium	90-1	1700	1425	1317	1481	13.35	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-04	Instrumnet Name :	P8
Client Sample ID :	MGA537	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:03:16	DataFile Name :	034SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	367	342	339	8.64	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-05	Instrumnet Name :	P8
Client Sample ID :	MGA538	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:06:22	DataFile Name :	035SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	50	69	24.98	cps
Antimony	121-1	675	733	692	700	4.29	cps
Arsenic	75-2	50	57	67	58	14.39	cps
Barium	135-1	40973	39878	39602	40151	1.81	cps
Barium	137-1	71770	69751	68034	69852	2.68	cps
Beryllium	9-1	122	156	83	120	30.03	cps
Bismuth	209-1	6980111	6991478	6901544	6957711	0.70	cps
Bismuth	209-2	1986214	1936939	1939780	1954311	1.42	cps
Boron	10-1	7502	7519	7644	7555	1.03	cps
Boron	11-1	35211	36113	35979	35768	1.36	cps
Cadmium	111-1	1191	1121	1328	1213	8.69	cps
Cadmium	106-1	1675	1592	1892	1720	9.01	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	1432350	1470354	1460121	1454275	1.35	cps
Calcium	44-1	23403849	23628630	23305528	23446002	0.71	cps
Chromium	52-2	427	423	393	414	4.43	cps
Cobalt	59-2	163	173	147	161	8.36	cps
Copper	63-2	8042	8296	8316	8218	1.86	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	108	125	50	94	41.70	cps
Gadolinium	160-2	23	13	0	12	95.78	cps
Holmium	165-1	10907386	10975040	10917418	10933281	0.33	cps
Holmium	165-2	2475977	2464701	2447372	2462683	0.59	cps
Indium	115-1	8771264	8778585	8691685	8747178	0.55	cps
Indium	115-2	405857	403662	404263	404594	0.28	cps
Iron	56-2	21317	21728	21506	21517	0.96	cps
Iron	57-2	589	594	528	570	6.49	cps
Lead	206-1	2723	2717	2706	2715	0.31	cps
Lead	207-1	2045	2356	2339	2247	7.79	cps
Lead	208-1	10491	10263	10257	10337	1.29	cps
Lithium	6-1	1723316	1702354	1687719	1704463	1.05	cps
Magnesium	24-2	1365060	1358823	1330098	1351327	1.38	cps
Manganese	55-2	1003	1047	1153	1068	7.23	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-05	Instrumnet Name :	P8
Client Sample ID :	MGA538	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:06:22	DataFile Name :	035SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1258	1192	1358	1270	6.61	cps
Molybdenum	95-1	1825	1700	1692	1739	4.30	cps
Molybdenum	96-1	1675	1992	1742	1803	9.26	cps
Molybdenum	97-1	1125	1242	1133	1167	5.58	cps
Molybdenum	98-1	2867	2525	2509	2634	7.68	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	390	313	373	359	11.24	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	20666	21350	21100	21039	1.65	cps
Rhodium	103-1	8048132	8061819	7904506	8004819	1.09	cps
Rhodium	103-2	2278837	2221178	2230505	2243507	1.38	cps
Scandium	45-1	5291989	5277758	5332455	5300734	0.54	cps
Scandium	45-2	45142	44326	44036	44502	1.29	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-32	-44	-109	-61	-67.06	cps
Silicon	28-1	18730121	18550367	18629805	18636764	0.48	cps
Silver	109-1	392	367	417	392	6.38	cps
Silver	107-1	433	425	433	431	1.12	cps
Sodium	23-2	397005	397116	390548	394890	0.95	cps
Strontium	86-1	202706	200249	199953	200969	0.75	cps
Strontium	88-1	1780850	1778927	1764553	1774777	0.50	cps
Sulfur	34-1	684082	682437	680188	682235	0.29	cps
Terbium	159-1	11240787	11273449	11265070	11259769	0.15	cps
Terbium	159-2	2362184	2379378	2376928	2372830	0.39	cps
Thallium	203-1	225	300	192	239	23.23	cps
Thallium	205-1	450	475	500	475	5.26	cps
Tin	118-1	1250	1183	1225	1220	2.76	cps
Titanium	47-1	275	358	408	347	19.40	cps
Uranium	238-1	7119	6702	6710	6844	3.48	cps
Vanadium	51-2	53	63	60	59	8.65	cps
Yttrium	89-1	9258344	9334232	9262810	9285129	0.46	cps
Yttrium	89-2	309919	306332	307664	307972	0.59	cps
Zinc	66-2	3447	3704	3784	3645	4.83	cps
Zirconium	90-1	667	642	917	742	20.51	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-05	Instrumnet Name :	P8
Client Sample ID :	MGA538	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:06:22	DataFile Name :	035SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	258	225	239	7.26	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-06	Instrumnet Name :	P8
Client Sample ID :	MGA539	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:09:29	DataFile Name :	036SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	25	42	34.64	cps
Antimony	121-1	767	700	958	808	16.59	cps
Arsenic	75-2	70	56	61	62	12.00	cps
Barium	135-1	39410	38632	38549	38863	1.22	cps
Barium	137-1	68436	66493	67363	67431	1.44	cps
Beryllium	9-1	67	106	122	98	29.05	cps
Bismuth	209-1	7008906	6593789	6677836	6760177	3.25	cps
Bismuth	209-2	1944737	1954539	1921894	1940390	0.86	cps
Boron	10-1	7344	7686	7527	7519	2.28	cps
Boron	11-1	35328	35278	36055	35553	1.22	cps
Cadmium	111-1	1312	1253	1180	1248	5.30	cps
Cadmium	106-1	1867	1759	1684	1770	5.21	cps
Cadmium	108-1	4	4	33	14	121.21	cps
Calcium	43-1	1459018	1455832	1452805	1455885	0.21	cps
Calcium	44-1	23846860	23642825	23666076	23718587	0.47	cps
Chromium	52-2	673	607	700	660	7.28	cps
Cobalt	59-2	177	123	197	166	22.90	cps
Copper	63-2	3501	3711	3484	3565	3.54	cps
Dysprosium	156-1	0	17	33	17	100.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	50	33	42	19.99	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	50	58	50	53	9.12	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	11045381	10226033	10472507	10581307	3.97	cps
Holmium	165-2	2421934	2451000	2371815	2414916	1.66	cps
Indium	115-1	8776866	8195309	8299392	8423856	3.68	cps
Indium	115-2	400769	401872	398842	400494	0.38	cps
Iron	56-2	23854	23621	23214	23563	1.37	cps
Iron	57-2	606	667	622	632	5.00	cps
Lead	206-1	1600	1750	1834	1728	6.84	cps
Lead	207-1	1333	1400	1533	1422	7.16	cps
Lead	208-1	6279	6506	6601	6462	2.56	cps
Lithium	6-1	1681486	1596563	1604764	1627604	2.88	cps
Magnesium	24-2	1353241	1345854	1328316	1342470	0.95	cps
Manganese	55-2	923	923	813	887	7.16	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-06	Instrumnet Name :	P8
Client Sample ID :	MGA539	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:09:29	DataFile Name :	036SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1442	1158	1458	1353	12.46	cps
Molybdenum	95-1	1850	1650	1742	1747	5.73	cps
Molybdenum	96-1	1834	1875	2159	1956	9.04	cps
Molybdenum	97-1	1108	1008	1158	1092	7.00	cps
Molybdenum	98-1	2634	2867	2850	2784	4.68	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	293	303	347	314	9.02	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	22085	20340	20883	21103	4.23	cps
Rhodium	103-1	7967811	7502869	7567688	7679456	3.28	cps
Rhodium	103-2	2206952	2212752	2188779	2202828	0.57	cps
Scandium	45-1	5220884	4968044	4982098	5057009	2.81	cps
Scandium	45-2	43026	43370	43307	43234	0.42	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	5	5	-76	-22	-215.09	cps
Silicon	28-1	18736168	18694168	18563217	18664518	0.48	cps
Silver	109-1	500	467	408	458	10.12	cps
Silver	107-1	408	500	450	453	10.14	cps
Sodium	23-2	387477	381734	383645	384285	0.76	cps
Strontium	86-1	208878	209333	206161	208124	0.82	cps
Strontium	88-1	1829380	1848155	1834151	1837229	0.53	cps
Sulfur	34-1	678919	673805	675219	675981	0.39	cps
Terbium	159-1	11200482	10541460	10805136	10849026	3.06	cps
Terbium	159-2	2344326	2343488	2326544	2338119	0.43	cps
Thallium	203-1	217	142	275	211	31.66	cps
Thallium	205-1	442	458	625	508	19.94	cps
Tin	118-1	1100	1092	1300	1164	10.14	cps
Titanium	47-1	408	442	392	414	6.15	cps
Uranium	238-1	6660	6569	6302	6510	2.86	cps
Vanadium	51-2	50	77	77	68	22.72	cps
Yttrium	89-1	9245987	8699766	8871431	8939061	3.12	cps
Yttrium	89-2	304034	305537	302381	303984	0.52	cps
Zinc	66-2	2050	2090	2204	2115	3.76	cps
Zirconium	90-1	850	733	817	800	7.51	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-06	Instrumnet Name :	P8
Client Sample ID :	MGA539	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:09:29	DataFile Name :	036SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	183	150	169	10.24	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I7018-07 Instrumnet Name : P8
 Client Sample ID : MGA540 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 15:12:36 DataFile Name : 037SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	50	44	21.64	cps
Antimony	121-1	975	858	783	872	11.07	cps
Arsenic	75-2	15	20	30	22	34.65	cps
Barium	135-1	110373	108869	110364	109869	0.79	cps
Barium	137-1	194066	192483	188857	191802	1.39	cps
Beryllium	9-1	139	83	139	120	26.64	cps
Bismuth	209-1	6841440	6892294	6911375	6881703	0.53	cps
Bismuth	209-2	1898121	1859413	1902289	1886607	1.25	cps
Boron	10-1	5093	5326	4951	5123	3.70	cps
Boron	11-1	23787	24463	23662	23971	1.80	cps
Cadmium	111-1	1597	1642	1678	1639	2.48	cps
Cadmium	106-1	1517	1617	1617	1584	3.65	cps
Cadmium	108-1	33	33	29	32	7.52	cps
Calcium	43-1	1213812	1161310	1161012	1178711	2.58	cps
Calcium	44-1	19259058	19096904	18798234	19051399	1.23	cps
Chromium	52-2	450	407	473	443	7.63	cps
Cobalt	59-2	80	80	70	77	7.53	cps
Copper	63-2	5251	5441	5491	5394	2.35	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	108	100	42	83	43.59	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	83	75	58	72	17.62	cps
Gadolinium	160-2	0	20	10	10	100.00	cps
Holmium	165-1	10793301	10732794	10575108	10700401	1.05	cps
Holmium	165-2	2386212	2366405	2405996	2386204	0.83	cps
Indium	115-1	8638890	8539017	8528957	8568955	0.71	cps
Indium	115-2	392314	392627	390115	391686	0.35	cps
Iron	56-2	6429	6329	6057	6272	3.07	cps
Iron	57-2	239	122	139	167	37.86	cps
Lead	206-1	2028	2017	2000	2015	0.69	cps
Lead	207-1	1761	1739	1672	1724	2.68	cps
Lead	208-1	8335	7851	8062	8083	3.00	cps
Lithium	6-1	1676415	1675736	1634994	1662382	1.43	cps
Magnesium	24-2	1060949	1058880	1048984	1056271	0.61	cps
Manganese	55-2	83	90	67	80	15.02	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-07	Instrumnet Name :	P8
Client Sample ID :	MGA540	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:12:36	DataFile Name :	037SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	242	308	269	12.88	cps
Molybdenum	95-1	133	158	125	139	12.49	cps
Molybdenum	96-1	142	250	250	214	29.24	cps
Molybdenum	97-1	117	192	175	161	24.45	cps
Molybdenum	98-1	175	233	167	192	18.95	cps
Neodymium	150-1	33	47	33	38	20.39	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	223	230	297	250	16.22	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	9979	9837	9770	9862	1.08	cps
Rhodium	103-1	7906454	7848086	7847169	7867236	0.43	cps
Rhodium	103-2	2191270	2180987	2175886	2182715	0.36	cps
Scandium	45-1	5210440	5155125	5104900	5156822	1.02	cps
Scandium	45-2	43076	41969	42006	42350	1.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-74	46	-105	-44	-179.72	cps
Silicon	28-1	18835383	18451982	18484700	18590688	1.14	cps
Silver	109-1	417	333	408	386	11.89	cps
Silver	107-1	475	417	433	442	6.80	cps
Sodium	23-2	243667	241785	239347	241600	0.90	cps
Strontium	86-1	108058	107335	108790	108061	0.67	cps
Strontium	88-1	931313	928895	925221	928476	0.33	cps
Sulfur	34-1	514667	510844	512088	512533	0.38	cps
Terbium	159-1	11178248	11162539	11033818	11124868	0.71	cps
Terbium	159-2	2280231	2300139	2265943	2282104	0.75	cps
Thallium	203-1	158	108	117	128	20.96	cps
Thallium	205-1	433	367	258	353	25.04	cps
Tin	118-1	1117	1192	1075	1128	5.24	cps
Titanium	47-1	350	342	333	342	2.44	cps
Uranium	238-1	6644	6669	6627	6647	0.32	cps
Vanadium	51-2	333	417	343	364	12.49	cps
Yttrium	89-1	9275577	9135185	9134388	9181717	0.89	cps
Yttrium	89-2	299932	295071	298759	297921	0.85	cps
Zinc	66-2	10487	10588	10571	10549	0.51	cps
Zirconium	90-1	717	608	558	628	12.89	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-07	Instrumnet Name :	P8
Client Sample ID :	MGA540	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:12:36	DataFile Name :	037SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	108	158	111	41.31	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-08	Instrumnet Name :	P8
Client Sample ID :	MGA541	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:15:43	DataFile Name :	038SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	42	42	0.00	cps
Antimony	121-1	758	717	767	747	3.59	cps
Arsenic	75-2	19	33	20	24	33.52	cps
Barium	135-1	112298	113307	109938	111848	1.55	cps
Barium	137-1	197241	197081	188628	194317	2.54	cps
Beryllium	9-1	144	128	133	135	6.28	cps
Bismuth	209-1	6736555	6766677	6517851	6673694	2.03	cps
Bismuth	209-2	1790019	1837664	1870165	1832616	2.20	cps
Boron	10-1	3709	3742	3717	3723	0.47	cps
Boron	11-1	18221	17870	17828	17973	1.20	cps
Cadmium	111-1	1809	1668	1693	1723	4.36	cps
Cadmium	106-1	1817	1625	1659	1700	6.02	cps
Cadmium	108-1	54	33	50	46	24.06	cps
Calcium	43-1	1185614	1183680	1120550	1163281	3.18	cps
Calcium	44-1	19221408	19237328	18413263	18957333	2.49	cps
Chromium	52-2	417	410	433	420	2.86	cps
Cobalt	59-2	77	73	70	73	4.55	cps
Copper	63-2	3334	3270	3330	3312	1.08	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	108	25	67	67	62.50	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	58	92	42	64	39.85	cps
Gadolinium	160-2	13	3	10	9	57.30	cps
Holmium	165-1	10648738	10514535	10112614	10425296	2.68	cps
Holmium	165-2	2302552	2328900	2337945	2323133	0.79	cps
Indium	115-1	8398076	8431372	8013901	8281116	2.80	cps
Indium	115-2	377083	378788	380588	378820	0.46	cps
Iron	56-2	3289	3389	3256	3312	2.10	cps
Iron	57-2	61	61	100	74	30.31	cps
Lead	206-1	1361	1317	1306	1328	2.21	cps
Lead	207-1	1106	1217	1128	1150	5.11	cps
Lead	208-1	5340	5395	5295	5343	0.94	cps
Lithium	6-1	1623306	1640115	1561299	1608240	2.58	cps
Magnesium	24-2	1031156	1046129	1053837	1043707	1.10	cps
Manganese	55-2	53	37	67	52	28.78	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-08	Instrumnet Name :	P8
Client Sample ID :	MGA541	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:15:43	DataFile Name :	038SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	358	300	317	11.47	cps
Molybdenum	95-1	142	125	142	136	7.07	cps
Molybdenum	96-1	183	133	167	161	15.80	cps
Molybdenum	97-1	117	142	142	133	10.83	cps
Molybdenum	98-1	158	142	133	144	8.81	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	233	167	237	212	18.61	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	9303	9862	9829	9665	3.24	cps
Rhodium	103-1	7639754	7681218	7355945	7558972	2.34	cps
Rhodium	103-2	2088362	2105436	2159484	2117761	1.75	cps
Scandium	45-1	4970230	4987155	4792840	4916741	2.19	cps
Scandium	45-2	40305	41769	40829	40968	1.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	-38	-30	50	-6	-791.14	cps
Silicon	28-1	18645769	18574905	17789575	18336750	2.59	cps
Silver	109-1	342	292	317	317	7.90	cps
Silver	107-1	317	333	375	342	8.79	cps
Sodium	23-2	232731	233486	235205	233807	0.54	cps
Strontium	86-1	108721	109025	105883	107877	1.61	cps
Strontium	88-1	940581	939317	909640	929846	1.88	cps
Sulfur	34-1	509334	512678	503153	508388	0.95	cps
Terbium	159-1	10854342	10949868	10499355	10767855	2.20	cps
Terbium	159-2	2210838	2236177	2243832	2230282	0.77	cps
Thallium	203-1	142	100	125	122	17.16	cps
Thallium	205-1	325	375	342	347	7.33	cps
Tin	118-1	1042	958	750	917	16.39	cps
Titanium	47-1	442	367	425	411	9.58	cps
Uranium	238-1	6861	6769	6243	6624	5.03	cps
Vanadium	51-2	397	263	403	354	22.28	cps
Yttrium	89-1	8857672	8930758	8561331	8783254	2.23	cps
Yttrium	89-2	285162	288088	291077	288109	1.03	cps
Zinc	66-2	8613	8523	8583	8573	0.54	cps
Zirconium	90-1	575	658	742	658	12.66	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-08	Instrumnet Name :	P8
Client Sample ID :	MGA541	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:15:43	DataFile Name :	038SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	200	183	158	36.84	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-09	Instrumnet Name :	P8
Client Sample ID :	MGA542	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:18:51	DataFile Name :	039SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	42	33	43.30	cps
Antimony	121-1	5335	5360	5168	5287	1.97	cps
Arsenic	75-2	70	69	70	70	1.53	cps
Barium	135-1	49485	47729	48449	48554	1.82	cps
Barium	137-1	86213	82976	84066	84419	1.95	cps
Beryllium	9-1	133	100	122	119	14.32	cps
Bismuth	209-1	6686946	6695008	5962584	6448179	6.52	cps
Bismuth	209-2	1846332	1856949	1857672	1853651	0.34	cps
Boron	10-1	9787	10162	10179	10043	2.21	cps
Boron	11-1	47196	46451	49494	47714	3.32	cps
Cadmium	111-1	2264	2183	1741	2063	13.66	cps
Cadmium	106-1	1892	1809	1342	1681	17.64	cps
Cadmium	108-1	50	83	88	74	27.92	cps
Calcium	43-1	2090582	2090507	2076836	2085975	0.38	cps
Calcium	44-1	34008206	33754916	34026623	33929915	0.45	cps
Chromium	52-2	450	453	493	466	5.18	cps
Cobalt	59-2	20569	20485	20492	20515	0.23	cps
Copper	63-2	92683	93314	93106	93034	0.35	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	50	33	75	53	39.74	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	17	75	50	47	61.97	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	10486199	10781051	9363530	10210260	7.33	cps
Holmium	165-2	2347821	2342795	2345952	2345522	0.11	cps
Indium	115-1	8435463	8327038	7496821	8086441	6.35	cps
Indium	115-2	384680	389192	385291	386388	0.63	cps
Iron	56-2	252733	255405	254406	254181	0.53	cps
Iron	57-2	6541	6240	6174	6318	3.09	cps
Lead	206-1	133056	132799	129997	131951	1.29	cps
Lead	207-1	100708	98978	98625	99437	1.12	cps
Lead	208-1	488067	480672	477928	482222	1.09	cps
Lithium	6-1	1634095	1615873	1430274	1560080	7.23	cps
Magnesium	24-2	1916719	1907661	1877744	1900708	1.07	cps
Manganese	55-2	5108	5144	4998	5083	1.50	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-09	Instrumnet Name :	P8
Client Sample ID :	MGA542	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:18:51	DataFile Name :	039SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2375	2200	2350	2309	4.10	cps
Molybdenum	95-1	3384	3501	3476	3453	1.78	cps
Molybdenum	96-1	3701	3459	3826	3662	5.09	cps
Molybdenum	97-1	2109	2375	2384	2289	6.83	cps
Molybdenum	98-1	5551	5451	5576	5526	1.20	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	19844	19928	19504	19759	1.14	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	59628	60221	59392	59747	0.71	cps
Rhodium	103-1	7764013	7691082	6909246	7454780	6.36	cps
Rhodium	103-2	2150253	2166115	2149406	2155258	0.44	cps
Scandium	45-1	5102562	5065595	4503651	4890603	6.86	cps
Scandium	45-2	42765	42819	42350	42645	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	1	-58	5	-18	-200.78	cps
Silicon	28-1	16142133	16049008	16108906	16100016	0.29	cps
Silver	109-1	300	308	483	364	28.45	cps
Silver	107-1	433	367	358	386	10.65	cps
Sodium	23-2	527862	530516	531893	530090	0.39	cps
Strontium	86-1	556508	550159	555111	553926	0.60	cps
Strontium	88-1	4779759	4814040	4781666	4791822	0.40	cps
Sulfur	34-1	2253762	2264721	2272998	2263827	0.43	cps
Terbium	159-1	11011833	10714432	9723819	10483362	6.43	cps
Terbium	159-2	2292539	2272241	2271755	2278845	0.52	cps
Thallium	203-1	692	675	725	697	3.65	cps
Thallium	205-1	1975	1792	1567	1778	11.51	cps
Tin	118-1	1283	1175	1375	1278	7.84	cps
Titanium	47-1	275	292	358	308	14.30	cps
Uranium	238-1	58144	58053	57709	57969	0.40	cps
Vanadium	51-2	60	63	37	53	27.24	cps
Yttrium	89-1	9020852	8957994	8079254	8686033	6.06	cps
Yttrium	89-2	296313	294643	296139	295698	0.31	cps
Zinc	66-2	40132	39403	40526	40020	1.42	cps
Zirconium	90-1	658	950	775	795	18.48	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-09	Instrumnet Name :	P8
Client Sample ID :	MGA542	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:18:51	DataFile Name :	039SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	167	150	153	8.33	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-10	Instrumnet Name :	P8
Client Sample ID :	MGA543	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:21:57	DataFile Name :	040SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	8	25	57.75	cps
Antimony	121-1	5468	5468	5193	5376	2.95	cps
Arsenic	75-2	63	57	69	63	8.82	cps
Barium	135-1	48005	47185	47662	47617	0.86	cps
Barium	137-1	81937	81326	82306	81856	0.60	cps
Beryllium	9-1	128	167	172	156	15.57	cps
Bismuth	209-1	6741686	6684526	6500445	6642219	1.90	cps
Bismuth	209-2	1877552	1873049	1845314	1865305	0.94	cps
Boron	10-1	10279	10513	10287	10360	1.28	cps
Boron	11-1	48884	47965	50490	49113	2.60	cps
Cadmium	111-1	1984	1803	1826	1871	5.24	cps
Cadmium	106-1	1784	1533	1609	1642	7.81	cps
Cadmium	108-1	75	58	71	68	12.75	cps
Calcium	43-1	2090083	2054756	2028147	2057662	1.51	cps
Calcium	44-1	33277043	33106674	33179766	33187828	0.26	cps
Chromium	52-2	330	273	363	322	14.12	cps
Cobalt	59-2	20128	20208	20141	20159	0.21	cps
Copper	63-2	8513	8493	8469	8492	0.26	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	7	10	30	16	81.11	cps
Gadolinium	160-1	42	58	108	69	49.96	cps
Gadolinium	160-2	10	30	7	16	81.11	cps
Holmium	165-1	10695465	10419223	10393740	10502810	1.59	cps
Holmium	165-2	2380711	2373073	2387093	2380293	0.29	cps
Indium	115-1	8491623	8396388	8347621	8411877	0.87	cps
Indium	115-2	393640	394974	393511	394042	0.21	cps
Iron	56-2	27795	27121	27928	27615	1.57	cps
Iron	57-2	783	633	711	709	10.58	cps
Lead	206-1	160197	156132	158284	158204	1.29	cps
Lead	207-1	119171	119132	119373	119225	0.11	cps
Lead	208-1	583253	573374	576779	577802	0.87	cps
Lithium	6-1	1616564	1623771	1591882	1610739	1.04	cps
Magnesium	24-2	1891110	1900432	1900850	1897464	0.29	cps
Manganese	55-2	4918	4511	4714	4714	4.31	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-10	Instrumnet Name :	P8
Client Sample ID :	MGA543	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:21:57	DataFile Name :	040SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2159	2342	2617	2373	9.73	cps
Molybdenum	95-1	3801	3159	3626	3528	9.40	cps
Molybdenum	96-1	3701	3926	3859	3828	3.02	cps
Molybdenum	97-1	2284	2367	2167	2273	4.42	cps
Molybdenum	98-1	5927	5927	5585	5813	3.40	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	18880	18960	19123	18988	0.65	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	62222	60724	59669	60872	2.11	cps
Rhodium	103-1	7727352	7674272	7606123	7669249	0.79	cps
Rhodium	103-2	2168395	2188706	2171590	2176230	0.50	cps
Scandium	45-1	5116006	5085714	5059708	5087143	0.55	cps
Scandium	45-2	43166	43323	42695	43062	0.76	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	9	50	37	32	66.04	cps
Silicon	28-1	16294465	16212113	16122999	16209859	0.53	cps
Silver	109-1	417	392	392	400	3.61	cps
Silver	107-1	375	450	433	419	9.39	cps
Sodium	23-2	527830	527167	531284	528760	0.42	cps
Strontium	86-1	545519	537720	538468	540569	0.80	cps
Strontium	88-1	4752474	4720120	4693547	4722047	0.62	cps
Sulfur	34-1	2258296	2247984	2245092	2250457	0.31	cps
Terbium	159-1	10949337	10830253	10826958	10868849	0.64	cps
Terbium	159-2	2304418	2280398	2275747	2286854	0.67	cps
Thallium	203-1	733	692	717	714	2.94	cps
Thallium	205-1	1700	1625	1575	1634	3.85	cps
Tin	118-1	1175	967	817	986	18.25	cps
Titanium	47-1	375	400	317	364	11.75	cps
Uranium	238-1	56521	54747	55592	55620	1.60	cps
Vanadium	51-2	77	43	33	51	44.40	cps
Yttrium	89-1	9093685	8978136	8964240	9012020	0.79	cps
Yttrium	89-2	302235	303490	299831	301852	0.62	cps
Zinc	66-2	31937	31920	32124	31994	0.35	cps
Zirconium	90-1	958	900	858	906	5.55	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-10	Instrumnet Name :	P8
Client Sample ID :	MGA543	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:21:57	DataFile Name :	040SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	217	233	233	7.14	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I7018-11 Instrumnet Name : P8
 Client Sample ID : MGA544 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 15:25:02 DataFile Name : 041SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3892	3692	3784	3790	2.64	cps
Antimony	121-1	225	233	158	206	20.00	cps
Arsenic	75-2	648	809	846	768	13.72	cps
Barium	135-1	63746	63511	63218	63492	0.42	cps
Barium	137-1	107788	108208	109644	108546	0.90	cps
Beryllium	9-1	10454	10354	10182	10330	1.33	cps
Bismuth	209-1	6331815	6208629	6186012	6242152	1.26	cps
Bismuth	209-2	1732260	1790206	1743013	1755160	1.76	cps
Boron	10-1	3526	3567	3100	3398	7.60	cps
Boron	11-1	15759	15359	15142	15420	2.03	cps
Cadmium	111-1	15064	15595	15267	15309	1.75	cps
Cadmium	106-1	2609	3034	2917	2853	7.70	cps
Cadmium	108-1	933	950	963	949	1.54	cps
Calcium	43-1	5760	5818	5660	5746	1.39	cps
Calcium	44-1	93083	93058	93301	93147	0.14	cps
Chromium	52-2	11592	11328	11088	11336	2.22	cps
Cobalt	59-2	23083	23367	22669	23039	1.52	cps
Copper	63-2	453	540	537	510	9.63	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	25	50	58	44	39.04	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	9701557	9636439	9595318	9644438	0.56	cps
Holmium	165-2	2197984	2241605	2194526	2211372	1.19	cps
Indium	115-1	7990660	7770226	7878393	7879760	1.40	cps
Indium	115-2	369393	367770	368339	368500	0.22	cps
Iron	56-2	235088	232896	231072	233019	0.86	cps
Iron	57-2	6018	5774	5829	5874	2.18	cps
Lead	206-1	57441	55806	56554	56600	1.45	cps
Lead	207-1	49709	49714	50919	50114	1.39	cps
Lead	208-1	227151	226699	228774	227541	0.48	cps
Lithium	6-1	1513997	1483609	1485808	1494471	1.13	cps
Magnesium	24-2	16310	16460	15926	16232	1.70	cps
Manganese	55-2	2007	1957	1847	1937	4.23	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-11	Instrumnet Name :	P8
Client Sample ID :	MGA544	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:25:02	DataFile Name :	041SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	217	258	231	10.43	cps
Molybdenum	95-1	25	42	17	28	45.82	cps
Molybdenum	96-1	67	58	83	69	18.33	cps
Molybdenum	97-1	67	125	58	83	43.59	cps
Molybdenum	98-1	25	33	42	33	25.01	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	5178	5334	5178	5230	1.73	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	15109	15242	14617	14989	2.20	cps
Rhodium	103-1	7306276	7326179	7222409	7284955	0.76	cps
Rhodium	103-2	2065204	2028708	2031190	2041701	1.00	cps
Scandium	45-1	4678127	4666310	4634112	4659516	0.49	cps
Scandium	45-2	40004	40395	39990	40130	0.57	cps
Selenium	77-2	13	13	7	11	34.61	cps
Selenium	78-2	24	39	46	36	31.08	cps
Selenium	82-1	1425	1535	1578	1513	5.21	cps
Silicon	28-1	406885	408405	411965	409085	0.64	cps
Silver	109-1	59499	59692	58947	59379	0.65	cps
Silver	107-1	62780	61516	62455	62250	1.05	cps
Sodium	23-2	102609	100243	100168	101007	1.37	cps
Strontium	86-1	517	583	658	586	12.09	cps
Strontium	88-1	517	500	617	544	11.59	cps
Sulfur	34-1	452845	451792	449752	451463	0.35	cps
Terbium	159-1	9961456	9877235	9903144	9913945	0.44	cps
Terbium	159-2	2122549	2131868	2111013	2121810	0.49	cps
Thallium	203-1	105964	104847	103513	104775	1.17	cps
Thallium	205-1	250073	250095	250933	250367	0.20	cps
Tin	118-1	1092	900	975	989	9.77	cps
Titanium	47-1	167	125	142	144	14.52	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-2	3134	3274	3150	3186	2.40	cps
Yttrium	89-1	8294550	8204154	8107783	8202163	1.14	cps
Yttrium	89-2	277874	278298	276240	277471	0.39	cps
Zinc	66-2	2180	2010	2277	2156	6.26	cps
Zirconium	90-1	567	550	717	611	15.02	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I7018-11	Instrumnet Name :	P8
Client Sample ID :	MGA544	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:25:02	DataFile Name :	041SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	133	342	206	57.42	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6754-12 Instrumnet Name : P8
 Client Sample ID : MA4ZB8D Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 15:28:10 DataFile Name : 042SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	508	608	508	542	10.66	cps
Antimony	121-1	4826	4884	4293	4668	6.99	cps
Arsenic	75-2	185	161	170	172	7.05	cps
Barium	135-1	13474	13449	12723	13216	3.23	cps
Barium	137-1	23747	23155	24473	23792	2.78	cps
Beryllium	9-1	106	128	94	109	15.53	cps
Bismuth	209-1	4381855	4301973	3753315	4145714	8.25	cps
Bismuth	209-2	1321645	1342932	1353316	1339298	1.21	cps
Boron	10-1	357377	359026	354005	356803	0.72	cps
Boron	11-1	1767151	1797128	1770725	1778335	0.92	cps
Cadmium	111-1	1023	926	758	902	14.86	cps
Cadmium	106-1	1333	1158	1008	1167	13.94	cps
Cadmium	108-1	21	8	21	17	43.31	cps
Calcium	43-1	4506876	4540895	4367836	4471869	2.05	cps
Calcium	44-1	74070854	73133833	71369641	72858109	1.88	cps
Chromium	52-2	680	697	713	697	2.39	cps
Cobalt	59-2	180	133	183	166	16.88	cps
Copper	63-2	3230	3574	3484	3429	5.19	cps
Dysprosium	156-1	125	67	183	125	46.67	cps
Dysprosium	156-2	23	43	67	44	48.81	cps
Erbium	164-1	117	125	133	125	6.67	cps
Erbium	164-2	23	33	17	24	34.31	cps
Gadolinium	160-1	175	158	208	181	14.10	cps
Gadolinium	160-2	40	20	43	34	36.64	cps
Holmium	165-1	7548896	7424899	6554529	7176108	7.55	cps
Holmium	165-2	1918786	1976630	1993190	1962869	1.99	cps
Indium	115-1	6124797	6115514	5430210	5890174	6.76	cps
Indium	115-2	324415	331342	332374	329377	1.31	cps
Iron	56-2	74247	74348	76783	75126	1.91	cps
Iron	57-2	2067	2128	1700	1965	11.78	cps
Lead	206-1	2184	2234	1984	2134	6.20	cps
Lead	207-1	1878	1756	1717	1784	4.71	cps
Lead	208-1	8579	8462	7907	8316	4.32	cps
Lithium	6-1	1147963	1157357	1043922	1116414	5.64	cps
Magnesium	24-2	24032643	24600170	25009061	24547291	2.00	cps
Manganese	55-2	3100	3177	3224	3167	1.97	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:28:10	DataFile Name :	042SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12715	12732	12523	12657	0.92	cps
Molybdenum	95-1	21560	21192	21201	21318	0.98	cps
Molybdenum	96-1	23054	22102	22528	22561	2.11	cps
Molybdenum	97-1	13858	14075	13708	13880	1.33	cps
Molybdenum	98-1	33559	35121	33735	34138	2.51	cps
Neodymium	150-1	167	193	200	187	9.45	cps
Neodymium	150-2	17	23	43	28	49.95	cps
Nickel	60-2	400	437	443	427	5.47	cps
Phosphorus	31-2	25	50	58	44	39.04	cps
Potassium	39-2	4553504	4689556	4719559	4654206	1.90	cps
Rhodium	103-1	5532581	5508411	4867821	5302938	7.11	cps
Rhodium	103-2	1654085	1655541	1668760	1659462	0.49	cps
Scandium	45-1	4177224	4119935	3631400	3976187	7.54	cps
Scandium	45-2	39633	40866	40298	40265	1.53	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	0	7	2	173.21	cps
Selenium	82-1	1783	1258	995	1345	29.82	cps
Silicon	28-1	3913153	3972845	3856441	3914146	1.49	cps
Silver	109-1	483	450	575	503	12.87	cps
Silver	107-1	667	517	550	578	13.63	cps
Sodium	23-2	466178044	482250294	485242894	477890411	2.15	cps
Strontium	86-1	9739498	9674658	9445167	9619774	1.61	cps
Strontium	88-1	84394141	83122146	81460137	82992141	1.77	cps
Sulfur	34-1	12900982	12854533	12610001	12788505	1.22	cps
Terbium	159-1	7782528	7757996	6800436	7446987	7.52	cps
Terbium	159-2	1860729	1870152	1908299	1879727	1.34	cps
Thallium	203-1	125	125	225	158	36.46	cps
Thallium	205-1	342	317	275	311	10.83	cps
Tin	118-1	1942	2050	1775	1922	7.21	cps
Titanium	47-1	4218	4409	4192	4273	2.77	cps
Uranium	238-1	33187	33513	32001	32900	2.42	cps
Vanadium	51-2	1243	1283	1330	1286	3.37	cps
Yttrium	89-1	6890394	7022319	6185479	6699397	6.72	cps
Yttrium	89-2	258660	261833	264317	261603	1.08	cps
Zinc	66-2	447	523	600	523	14.65	cps
Zirconium	90-1	708	867	633	736	16.18	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:28:10	DataFile Name :	042SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	250	225	214	19.99	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:31:18	DataFile Name :	043SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	100	150	128	19.93	cps
Antimony	121-1	1200	1117	1067	1128	5.97	cps
Arsenic	75-2	37	48	52	46	16.87	cps
Barium	135-1	2809	2842	3234	2962	7.98	cps
Barium	137-1	5010	5093	4793	4965	3.12	cps
Beryllium	9-1	128	78	128	111	25.98	cps
Bismuth	209-1	4794972	4723478	4773669	4764040	0.77	cps
Bismuth	209-2	1576493	1571797	1580415	1576235	0.27	cps
Boron	10-1	80610	81884	80341	80945	1.02	cps
Boron	11-1	388465	394491	400643	394533	1.54	cps
Cadmium	111-1	966	1088	976	1010	6.69	cps
Cadmium	106-1	1383	1508	1375	1422	5.25	cps
Cadmium	108-1	21	8	29	19	53.95	cps
Calcium	43-1	951665	953145	956668	953826	0.27	cps
Calcium	44-1	15650603	15682112	15677210	15669975	0.11	cps
Chromium	52-2	390	377	387	384	1.80	cps
Cobalt	59-2	77	60	60	66	14.68	cps
Copper	63-2	1063	980	977	1007	4.88	cps
Dysprosium	156-1	42	50	58	50	16.67	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	67	75	75	72	6.66	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	8286659	8357547	8216328	8286845	0.85	cps
Holmium	165-2	2242338	2241897	2220041	2234759	0.57	cps
Indium	115-1	6941710	6906914	6928661	6925762	0.25	cps
Indium	115-2	381427	383619	382235	382427	0.29	cps
Iron	56-2	17728	17528	17211	17489	1.49	cps
Iron	57-2	394	372	406	391	4.34	cps
Lead	206-1	583	489	494	522	10.15	cps
Lead	207-1	444	411	483	446	8.10	cps
Lead	208-1	1978	1939	2022	1980	2.11	cps
Lithium	6-1	1256996	1292443	1282146	1277195	1.43	cps
Magnesium	24-2	5356252	5365837	5398877	5373656	0.42	cps
Manganese	55-2	710	717	673	700	3.33	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6754-11LX5 Instrumnet Name : P8
 Client Sample ID : MA4ZB8L Dilution Factor : 5
 Date & Time Acquired :: 2017-12-22 15:31:18 DataFile Name : 043SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3051	2617	2684	2784	8.38	cps
Molybdenum	95-1	4751	4768	4809	4776	0.63	cps
Molybdenum	96-1	4984	4818	5001	4934	2.06	cps
Molybdenum	97-1	2709	3042	3217	2989	8.64	cps
Molybdenum	98-1	7085	6652	7627	7122	6.86	cps
Neodymium	150-1	73	67	53	64	15.80	cps
Neodymium	150-2	17	3	0	7	132.33	cps
Nickel	60-2	183	170	150	168	10.00	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	998848	994403	1003196	998816	0.44	cps
Rhodium	103-1	6423587	6337700	6378990	6380092	0.67	cps
Rhodium	103-2	1954397	1954326	1955432	1954718	0.03	cps
Scandium	45-1	4585268	4542829	4592731	4573610	0.59	cps
Scandium	45-2	44955	44755	45139	44950	0.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	0	4	4	107.89	cps
Selenium	82-1	416	393	383	397	4.22	cps
Silicon	28-1	1214330	1235030	1224568	1224643	0.85	cps
Silver	109-1	267	158	225	217	25.22	cps
Silver	107-1	175	208	158	181	14.10	cps
Sodium	23-2	104520084	104391017	103668873	104193325	0.44	cps
Strontium	86-1	2133420	2093562	2141338	2122773	1.21	cps
Strontium	88-1	17814250	17897281	17973799	17895110	0.45	cps
Sulfur	34-1	3114993	3113755	3155863	3128204	0.77	cps
Terbium	159-1	8688943	8598316	8573003	8620087	0.71	cps
Terbium	159-2	2151403	2144188	2155063	2150218	0.26	cps
Thallium	203-1	108	92	100	100	8.33	cps
Thallium	205-1	167	158	275	200	32.54	cps
Tin	118-1	1108	1258	1167	1178	6.42	cps
Titanium	47-1	1058	908	1208	1058	14.17	cps
Uranium	238-1	6786	6886	7202	6958	3.13	cps
Vanadium	51-2	313	313	303	310	1.86	cps
Yttrium	89-1	7777735	7664736	7736537	7726336	0.74	cps
Yttrium	89-2	299028	298740	300976	299581	0.41	cps
Zinc	66-2	153	167	157	159	4.37	cps
Zirconium	90-1	450	408	408	422	5.70	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:31:18	DataFile Name :	043SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	83	150	108	33.53	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:34:24	DataFile Name :	044SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11122	11121	11463	11235	1.76	cps
Antimony	121-1	631246	621177	605509	619311	2.09	cps
Arsenic	75-2	3797	3728	3762	3762	0.91	cps
Barium	135-1	2481377	2416194	2324068	2407213	3.28	cps
Barium	137-1	4193623	4080302	3988031	4087319	2.52	cps
Beryllium	9-1	47412	46007	44118	45846	3.61	cps
Bismuth	209-1	4131830	3988366	3715898	3945365	5.35	cps
Bismuth	209-2	1290178	1286227	1302057	1292821	0.64	cps
Boron	10-1	380081	371417	366001	372500	1.91	cps
Boron	11-1	1896207	1874838	1817983	1863009	2.17	cps
Cadmium	111-1	62091	61954	60675	61573	1.27	cps
Cadmium	106-1	6594	6802	7002	6799	3.00	cps
Cadmium	108-1	3930	4076	3880	3962	2.57	cps
Calcium	43-1	4793408	4778987	4592365	4721587	2.38	cps
Calcium	44-1	78394291	77057456	74388954	76613567	2.66	cps
Chromium	52-2	142834	141591	143305	142576	0.62	cps
Cobalt	59-2	722571	711034	718503	717369	0.82	cps
Copper	63-2	293523	291141	293614	292759	0.48	cps
Dysprosium	156-1	100	75	25	67	57.28	cps
Dysprosium	156-2	23	13	10	16	44.60	cps
Erbium	164-1	108	50	108	89	37.89	cps
Erbium	164-2	20	10	23	18	39.03	cps
Gadolinium	160-1	100	67	83	83	20.00	cps
Gadolinium	160-2	27	37	30	31	16.37	cps
Holmium	165-1	7354252	7196805	6571926	7040994	5.88	cps
Holmium	165-2	1894293	1892715	1937061	1908023	1.32	cps
Indium	115-1	6120800	6029083	5573414	5907766	4.96	cps
Indium	115-2	322890	321842	325799	323511	0.63	cps
Iron	56-2	481407	482944	482790	482380	0.18	cps
Iron	57-2	12061	11299	12673	12011	5.73	cps
Lead	206-1	64558	63878	62649	63695	1.52	cps
Lead	207-1	58870	57809	55399	57360	3.10	cps
Lead	208-1	262488	257254	249538	256426	2.54	cps
Lithium	6-1	1117328	1087154	1023979	1076154	4.43	cps
Magnesium	24-2	25095023	24916380	25427730	25146378	1.03	cps
Manganese	55-2	104494	103504	106331	104776	1.37	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:34:24	DataFile Name :	044SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12998	12648	12106	12584	3.57	cps
Molybdenum	95-1	22578	22578	21885	22347	1.79	cps
Molybdenum	96-1	23930	22820	22586	23112	3.11	cps
Molybdenum	97-1	15893	15025	14442	15120	4.83	cps
Molybdenum	98-1	34495	34403	33292	34063	1.97	cps
Neodymium	150-1	133	153	140	142	7.16	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	202151	197824	200223	200066	1.08	cps
Phosphorus	31-2	50	58	50	53	9.12	cps
Potassium	39-2	4763733	4762755	4820919	4782469	0.70	cps
Rhodium	103-1	5511771	5439088	5070309	5340389	4.43	cps
Rhodium	103-2	1612128	1622401	1614606	1616378	0.33	cps
Scandium	45-1	4283119	4188245	3884317	4118560	5.06	cps
Scandium	45-2	39369	39255	39572	39399	0.41	cps
Selenium	77-2	63	77	50	63	21.06	cps
Selenium	78-2	183	193	239	205	14.52	cps
Selenium	82-1	9545	8680	7875	8700	9.60	cps
Silicon	28-1	3841821	3740081	3641545	3741149	2.68	cps
Silver	109-1	277523	270867	264222	270871	2.46	cps
Silver	107-1	290293	279899	275829	282007	2.65	cps
Sodium	23-2	494852261	485137528	496206861	492065550	1.23	cps
Strontium	86-1	10132571	9903668	9666474	9900904	2.35	cps
Strontium	88-1	87927925	85714710	83631285	85757973	2.51	cps
Sulfur	34-1	13938566	13563586	13055418	13519190	3.28	cps
Terbium	159-1	7679445	7511286	6960985	7383905	5.09	cps
Terbium	159-2	1848421	1833527	1830569	1837506	0.52	cps
Thallium	203-1	206359	201186	191685	199743	3.73	cps
Thallium	205-1	492615	475875	471833	480108	2.30	cps
Tin	118-1	2025	1900	1867	1931	4.32	cps
Titanium	47-1	1850	2375	2367	2198	13.69	cps
Uranium	238-1	31992	31148	31081	31407	1.62	cps
Vanadium	51-2	283740	278812	280209	280920	0.90	cps
Yttrium	89-1	6988691	6982113	6350722	6773842	5.41	cps
Yttrium	89-2	260104	259333	260667	260035	0.26	cps
Zinc	66-2	53771	53172	52947	53297	0.80	cps
Zirconium	90-1	758	692	808	753	7.78	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6754-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZB8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:34:24	DataFile Name :	044SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	217	267	225	16.97	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6755-12 Instrumnet Name : P8
 Client Sample ID : MA4ZC2D Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 15:37:32 DataFile Name : 045SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	150	75	100	43.31	cps
Antimony	121-1	4109	3967	3617	3898	6.50	cps
Arsenic	75-2	172	143	239	185	26.72	cps
Barium	135-1	12448	12298	12014	12253	1.80	cps
Barium	137-1	20708	20842	21260	20937	1.37	cps
Beryllium	9-1	100	94	133	109	19.25	cps
Bismuth	209-1	3689767	3671792	3717632	3693063	0.63	cps
Bismuth	209-2	1285111	1312815	1305467	1301131	1.10	cps
Boron	10-1	340646	340343	348793	343261	1.40	cps
Boron	11-1	1694414	1700350	1744600	1713121	1.60	cps
Cadmium	111-1	938	846	891	892	5.14	cps
Cadmium	106-1	1292	1133	1158	1195	7.13	cps
Cadmium	108-1	29	38	17	28	37.74	cps
Calcium	43-1	4369876	4351817	4421695	4381130	0.83	cps
Calcium	44-1	71806110	71007420	71927283	71580271	0.70	cps
Chromium	52-2	483	440	497	473	6.26	cps
Cobalt	59-2	57	60	123	80	46.96	cps
Copper	63-2	2580	2537	2574	2564	0.91	cps
Dysprosium	156-1	67	75	50	64	19.92	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	23	10	33	22	52.68	cps
Gadolinium	160-1	75	108	142	108	30.77	cps
Gadolinium	160-2	20	13	20	18	21.66	cps
Holmium	165-1	6735055	6726673	6673313	6711680	0.50	cps
Holmium	165-2	1909739	1950704	1941617	1934020	1.11	cps
Indium	115-1	5767726	5729163	5691218	5729369	0.67	cps
Indium	115-2	328827	335999	332417	332414	1.08	cps
Iron	56-2	16966	17684	18040	17563	3.11	cps
Iron	57-2	506	533	506	515	3.12	cps
Lead	206-1	528	644	572	582	10.13	cps
Lead	207-1	456	539	461	485	9.60	cps
Lead	208-1	2061	2300	2172	2178	5.49	cps
Lithium	6-1	1030755	1034195	1057553	1040834	1.40	cps
Magnesium	24-2	24817455	24594529	24891856	24767947	0.62	cps
Manganese	55-2	1813	1967	1970	1917	4.67	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:37:32	DataFile Name :	045SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11480	11981	11697	11719	2.14	cps
Molybdenum	95-1	21468	20491	20066	20675	3.48	cps
Molybdenum	96-1	22519	21651	21676	21949	2.25	cps
Molybdenum	97-1	13449	12973	14016	13480	3.87	cps
Molybdenum	98-1	32039	32156	32482	32226	0.71	cps
Neodymium	150-1	40	33	60	44	31.22	cps
Neodymium	150-2	20	0	13	11	91.66	cps
Nickel	60-2	500	457	527	494	7.15	cps
Phosphorus	31-2	75	50	50	58	24.74	cps
Potassium	39-2	4730027	4824189	4812613	4788943	1.07	cps
Rhodium	103-1	5234115	5115700	5187539	5179118	1.15	cps
Rhodium	103-2	1627322	1648781	1644231	1640111	0.69	cps
Scandium	45-1	3961707	3969144	4044019	3991623	1.14	cps
Scandium	45-2	39773	41388	40983	40715	2.06	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	438	196	-162	157	191.66	cps
Silicon	28-1	3536920	3493272	3564445	3531546	1.02	cps
Silver	109-1	358	258	200	272	29.41	cps
Silver	107-1	350	383	342	358	6.15	cps
Sodium	23-2	480967244	485755061	488995144	485239150	0.83	cps
Strontium	86-1	9239382	9257417	9259841	9252214	0.12	cps
Strontium	88-1	79285554	79631943	79941414	79619637	0.41	cps
Sulfur	34-1	12484202	12484558	12688547	12552436	0.94	cps
Terbium	159-1	6991219	6990699	7011469	6997796	0.17	cps
Terbium	159-2	1840513	1898073	1879490	1872692	1.57	cps
Thallium	203-1	142	108	175	142	23.53	cps
Thallium	205-1	250	242	325	272	16.86	cps
Tin	118-1	1659	1800	1525	1661	8.28	cps
Titanium	47-1	2627	1984	2084	2231	15.51	cps
Uranium	238-1	28768	28425	28525	28573	0.62	cps
Vanadium	51-2	1160	1377	1383	1307	9.72	cps
Yttrium	89-1	6603637	6534229	6578804	6572223	0.54	cps
Yttrium	89-2	264563	267066	265186	265605	0.49	cps
Zinc	66-2	350	283	337	323	10.91	cps
Zirconium	90-1	467	617	500	528	14.92	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-12	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:37:32	DataFile Name :	045SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	125	175	150	16.67	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6755-11LX5 Instrumnet Name : P8
 Client Sample ID : MA4ZC2L Dilution Factor : 5
 Date & Time Acquired :: 2017-12-22 15:40:39 DataFile Name : 046SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	50	44	39.04	cps
Antimony	121-1	1050	1158	892	1033	12.98	cps
Arsenic	75-2	50	41	46	46	10.20	cps
Barium	135-1	2550	2684	2659	2631	2.69	cps
Barium	137-1	4609	4518	4559	4562	1.01	cps
Beryllium	9-1	111	78	78	89	21.65	cps
Bismuth	209-1	4420703	4435094	4303637	4386478	1.64	cps
Bismuth	209-2	1515680	1518399	1527156	1520412	0.39	cps
Boron	10-1	79278	80452	79453	79727	0.79	cps
Boron	11-1	384289	390240	389631	388053	0.84	cps
Cadmium	111-1	882	991	985	953	6.41	cps
Cadmium	106-1	1233	1383	1392	1336	6.67	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	933905	935880	928953	932913	0.38	cps
Calcium	44-1	15417006	15392089	15449542	15419546	0.19	cps
Chromium	52-2	377	387	327	363	8.85	cps
Cobalt	59-2	57	43	37	46	22.36	cps
Copper	63-2	833	877	823	844	3.36	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	33	67	33	44	43.31	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	50	33	25	36	35.25	cps
Gadolinium	160-2	7	23	3	11	96.43	cps
Holmium	165-1	7709173	7781678	7547530	7679460	1.56	cps
Holmium	165-2	2152173	2189081	2177427	2172893	0.87	cps
Indium	115-1	6610954	6593558	6538426	6580979	0.58	cps
Indium	115-2	378236	380888	378799	379307	0.37	cps
Iron	56-2	4584	4823	4851	4753	3.09	cps
Iron	57-2	117	122	144	128	11.50	cps
Lead	206-1	278	233	233	248	10.34	cps
Lead	207-1	200	178	172	183	8.02	cps
Lead	208-1	889	950	861	900	5.05	cps
Lithium	6-1	1205575	1200535	1190954	1199021	0.62	cps
Magnesium	24-2	5346249	5317719	5299882	5321283	0.44	cps
Manganese	55-2	403	433	427	421	3.74	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:40:39	DataFile Name :	046SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2500	2942	2475	2639	9.95	cps
Molybdenum	95-1	4351	4409	4709	4490	4.28	cps
Molybdenum	96-1	4918	4718	4801	4812	2.09	cps
Molybdenum	97-1	2967	2992	2975	2978	0.43	cps
Molybdenum	98-1	7060	7244	6610	6972	4.68	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	157	177	137	157	12.77	cps
Phosphorus	31-2	8	25	25	19	49.50	cps
Potassium	39-2	1003186	1002268	1001740	1002398	0.07	cps
Rhodium	103-1	6041945	6124874	6024918	6063913	0.88	cps
Rhodium	103-2	1890850	1896014	1866249	1884371	0.84	cps
Scandium	45-1	4492004	4418400	4421145	4443849	0.94	cps
Scandium	45-2	44865	44694	44698	44752	0.22	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	191	102	208	167	34.16	cps
Silicon	28-1	1124592	1141440	1134945	1133659	0.75	cps
Silver	109-1	200	142	308	217	39.04	cps
Silver	107-1	242	233	292	256	12.35	cps
Sodium	23-2	104326269	103109715	104017367	103817784	0.61	cps
Strontium	86-1	2066904	2047165	2033129	2049066	0.83	cps
Strontium	88-1	17279476	17449776	17294567	17341273	0.54	cps
Sulfur	34-1	3071092	3058672	3067324	3065696	0.21	cps
Terbium	159-1	8040253	8103063	7874565	8005960	1.47	cps
Terbium	159-2	2114822	2087560	2087741	2096708	0.75	cps
Thallium	203-1	83	142	133	119	26.41	cps
Thallium	205-1	100	175	167	147	27.92	cps
Tin	118-1	1217	1250	1200	1222	2.08	cps
Titanium	47-1	450	542	400	464	15.49	cps
Uranium	238-1	6385	6669	5727	6260	7.72	cps
Vanadium	51-2	267	277	240	261	7.26	cps
Yttrium	89-1	7428197	7522846	7224081	7391708	2.07	cps
Yttrium	89-2	297225	294057	294371	295218	0.59	cps
Zinc	66-2	103	110	83	99	14.03	cps
Zirconium	90-1	492	433	417	447	8.81	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-22 15:40:39	DataFile Name :	046SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	92	83	100	22.05	cps

LB Number : LB92367 Operator : Jaswal
 Lab Sample ID : I6755-13 Instrumnet Name : P8
 Client Sample ID : MA4ZC2S Dilution Factor : 1
 Date & Time Acquired :: 2017-12-22 15:43:46 DataFile Name : 047SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11272	10805	12506	11527	7.63	cps
Antimony	121-1	589617	589179	565276	581357	2.40	cps
Arsenic	75-2	3878	3771	3869	3839	1.55	cps
Barium	135-1	2434469	2411509	2321594	2389191	2.50	cps
Barium	137-1	4118706	4088473	3967077	4058085	1.98	cps
Beryllium	9-1	43995	44241	43533	43923	0.82	cps
Bismuth	209-1	3757910	3783238	3645928	3729026	1.96	cps
Bismuth	209-2	1293455	1288329	1301971	1294585	0.53	cps
Boron	10-1	351454	353576	348877	351302	0.67	cps
Boron	11-1	1769710	1791561	1736698	1765990	1.56	cps
Cadmium	111-1	57721	57117	56507	57115	1.06	cps
Cadmium	106-1	6894	6218	6060	6391	6.93	cps
Cadmium	108-1	3842	3767	3446	3685	5.71	cps
Calcium	43-1	4466271	4485204	4361225	4437567	1.51	cps
Calcium	44-1	72887177	73082468	71036693	72335446	1.56	cps
Chromium	52-2	141408	140607	142329	141448	0.61	cps
Cobalt	59-2	710869	709143	713170	711060	0.28	cps
Copper	63-2	290330	290874	290671	290625	0.09	cps
Dysprosium	156-1	150	158	175	161	7.90	cps
Dysprosium	156-2	20	30	57	36	53.31	cps
Erbium	164-1	183	175	175	178	2.71	cps
Erbium	164-2	33	33	37	34	5.60	cps
Gadolinium	160-1	150	133	142	142	5.88	cps
Gadolinium	160-2	43	43	73	53	32.48	cps
Holmium	165-1	6823340	6891583	6634891	6783271	1.96	cps
Holmium	165-2	1919626	1910860	1914146	1914877	0.23	cps
Indium	115-1	5825163	5786021	5582256	5731147	2.28	cps
Indium	115-2	329835	325821	332625	329427	1.04	cps
Iron	56-2	548711	541253	549723	546562	0.85	cps
Iron	57-2	13340	13429	14224	13664	3.56	cps
Lead	206-1	61086	61889	59467	60814	2.03	cps
Lead	207-1	56158	55304	51505	54322	4.56	cps
Lead	208-1	246540	247540	237030	243703	2.38	cps
Lithium	6-1	1057983	1088030	1038862	1061625	2.33	cps
Magnesium	24-2	24752545	24454064	25023023	24743211	1.15	cps
Manganese	55-2	107745	106005	107134	106961	0.83	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:43:46	DataFile Name :	047SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11889	12156	11655	11900	2.10	cps
Molybdenum	95-1	20691	20917	20182	20597	1.83	cps
Molybdenum	96-1	22077	21326	21317	21574	2.02	cps
Molybdenum	97-1	13599	14492	13507	13866	3.92	cps
Molybdenum	98-1	31788	32273	32256	32106	0.86	cps
Neodymium	150-1	273	247	220	247	10.81	cps
Neodymium	150-2	33	37	30	33	10.01	cps
Nickel	60-2	198581	195417	198963	197654	0.98	cps
Phosphorus	31-2	33	58	8	33	75.02	cps
Potassium	39-2	4805839	4748680	4778432	4777650	0.60	cps
Rhodium	103-1	5246968	5229683	5018063	5164905	2.47	cps
Rhodium	103-2	1614095	1591790	1646182	1617356	1.69	cps
Scandium	45-1	4075869	4012270	3882953	3990364	2.46	cps
Scandium	45-2	40090	40341	40993	40475	1.15	cps
Selenium	77-2	47	60	63	57	15.56	cps
Selenium	78-2	237	230	200	222	8.82	cps
Selenium	82-1	8818	8184	7299	8100	9.42	cps
Silicon	28-1	4110885	4098937	3961430	4057084	2.05	cps
Silver	109-1	258547	257744	248424	254905	2.21	cps
Silver	107-1	270898	272946	260163	268002	2.56	cps
Sodium	23-2	486456644	482900061	489828444	486395050	0.71	cps
Strontium	86-1	9393711	9395409	9046844	9278655	2.16	cps
Strontium	88-1	81135835	81398641	78802075	80445517	1.78	cps
Sulfur	34-1	12727587	12915261	12369610	12670820	2.19	cps
Terbium	159-1	7135475	7194675	6873458	7067869	2.42	cps
Terbium	159-2	1871527	1850580	1858376	1860161	0.57	cps
Thallium	203-1	190099	186966	183262	186776	1.83	cps
Thallium	205-1	453452	456529	435166	448382	2.58	cps
Tin	118-1	1984	2075	1717	1925	9.67	cps
Titanium	47-1	4309	4951	4976	4745	7.97	cps
Uranium	238-1	29461	29661	27874	28999	3.38	cps
Vanadium	51-2	278381	280067	282630	280360	0.76	cps
Yttrium	89-1	6625812	6673433	6392758	6564001	2.29	cps
Yttrium	89-2	265766	260892	267000	264553	1.22	cps
Zinc	66-2	53112	53118	53663	53298	0.59	cps
Zirconium	90-1	700	633	692	675	5.38	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	I6755-13	Instrumnet Name :	P8
Client Sample ID :	MA4ZC2S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:43:46	DataFile Name :	047SMPL_P8122217MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	250	208	233	9.45	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:46:54	DataFile Name :	048CCV_P8122217MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302536	301574	299610	301240	0.50	cps
Antimony	121-1	3348349	3328333	3394150	3356944	1.01	cps
Arsenic	75-2	48962	48975	48912	48950	0.07	cps
Barium	135-1	3973306	3934492	3975464	3961088	0.58	cps
Barium	137-1	6682148	6658037	6746973	6695720	0.69	cps
Beryllium	9-1	533775	532954	529000	531910	0.48	cps
Bismuth	209-1	5432529	5476414	5483872	5464272	0.51	cps
Bismuth	209-2	1524443	1549609	1600626	1558226	2.49	cps
Boron	10-1	68614	70783	69804	69734	1.56	cps
Boron	11-1	317670	326660	323753	322694	1.42	cps
Cadmium	111-1	747304	749077	752966	749783	0.39	cps
Cadmium	106-1	77088	78595	80397	78693	2.11	cps
Cadmium	108-1	53949	55213	54368	54510	1.18	cps
Calcium	43-1	4154572	4165046	4148302	4155973	0.20	cps
Calcium	44-1	68711668	68667449	67875631	68418249	0.69	cps
Chromium	52-2	389932	387049	382186	386389	1.01	cps
Cobalt	59-2	789228	788025	779699	785651	0.66	cps
Copper	63-2	1316934	1322238	1302223	1313798	0.79	cps
Dysprosium	156-1	92	58	58	69	27.71	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	25	75	58	53	48.24	cps
Erbium	164-2	20	7	20	16	49.47	cps
Gadolinium	160-1	100	42	117	86	45.73	cps
Gadolinium	160-2	17	20	20	19	10.18	cps
Holmium	165-1	8993507	9079650	9118104	9063754	0.70	cps
Holmium	165-2	2107855	2150182	2173320	2143786	1.55	cps
Indium	115-1	7327491	7225062	7265224	7272592	0.71	cps
Indium	115-2	348852	350552	362953	354119	2.17	cps
Iron	56-2	64069785	63620797	63479842	63723475	0.48	cps
Iron	57-2	1649723	1623302	1627549	1633525	0.87	cps
Lead	206-1	2168697	2170205	2146786	2161896	0.61	cps
Lead	207-1	1948790	1976243	2016581	1980538	1.72	cps
Lead	208-1	8833501	8867563	8930063	8877042	0.55	cps
Lithium	6-1	1456081	1470608	1443595	1456761	0.93	cps
Magnesium	24-2	7073841	6978209	6977450	7009833	0.79	cps
Manganese	55-2	224723	225206	221826	223919	0.82	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:46:54	DataFile Name :	048CCV_P8122217MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6260273	6337783	6296381	6298145	0.62	cps
Molybdenum	95-1	7715828	7836234	7846525	7799529	0.93	cps
Molybdenum	96-1	8635903	8669461	8633579	8646314	0.23	cps
Molybdenum	97-1	4865093	4852410	4917770	4878425	0.71	cps
Molybdenum	98-1	12339880	12368636	12442018	12383512	0.43	cps
Neodymium	150-1	173	160	200	178	11.46	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	226017	225515	224348	225293	0.38	cps
Phosphorus	31-2	4676	4059	4284	4340	7.19	cps
Potassium	39-2	2166914	2139307	2109624	2138615	1.34	cps
Rhodium	103-1	6683681	6691009	6719136	6697942	0.28	cps
Rhodium	103-2	1852984	1871653	1937903	1887513	2.36	cps
Scandium	45-1	4730121	4752866	4717712	4733566	0.38	cps
Scandium	45-2	41566	41023	42611	41733	1.93	cps
Selenium	77-2	260	427	367	351	24.04	cps
Selenium	78-2	1232	1178	1122	1177	4.64	cps
Selenium	82-1	50167	49866	49410	49814	0.77	cps
Silicon	28-1	1933404	1942577	1939421	1938467	0.24	cps
Silver	109-1	3628150	3647003	3618680	3631278	0.40	cps
Silver	107-1	3729673	3745248	3740509	3738477	0.21	cps
Sodium	23-2	16661072	16590232	16285499	16512268	1.21	cps
Strontium	86-1	1018782	1024121	1023651	1022185	0.29	cps
Strontium	88-1	8858337	8770909	8834037	8821094	0.51	cps
Sulfur	34-1	674090	665439	665402	668310	0.75	cps
Terbium	159-1	9409398	9415111	9479515	9434675	0.41	cps
Terbium	159-2	2027779	2091054	2138483	2085772	2.66	cps
Thallium	203-1	2709162	2691350	2715578	2705363	0.46	cps
Thallium	205-1	6327001	6325479	6325087	6325856	0.02	cps
Tin	118-1	2556884	2506447	2534907	2532746	1.00	cps
Titanium	47-1	2187227	2210447	2192279	2196651	0.56	cps
Uranium	238-1	8532252	8561183	8553945	8549126	0.18	cps
Vanadium	51-2	295189	291522	291632	292781	0.71	cps
Yttrium	89-1	7978942	8119616	8083058	8060539	0.91	cps
Yttrium	89-2	274834	278288	286165	279762	2.08	cps
Zinc	66-2	122935	122737	122088	122587	0.36	cps
Zirconium	90-1	5308707	5352376	5372400	5344494	0.61	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:46:54	DataFile Name :	048CCV_P8122217MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1179896	1178671	1179949	1179505	0.06	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:51:19	DataFile Name :	049CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	50	44	21.64	cps
Antimony	121-1	1192	1317	1325	1278	5.85	cps
Arsenic	75-2	9	4	7	7	41.70	cps
Barium	135-1	92	75	142	103	33.76	cps
Barium	137-1	183	233	233	217	13.32	cps
Beryllium	9-1	378	322	244	315	21.27	cps
Bismuth	209-1	5782296	5805077	5725997	5771123	0.71	cps
Bismuth	209-2	1749810	1720875	1745589	1738758	0.90	cps
Boron	10-1	6060	5651	5593	5768	4.41	cps
Boron	11-1	30091	28613	27477	28727	4.56	cps
Cadmium	111-1	905	1142	1070	1039	11.69	cps
Cadmium	106-1	1233	1617	1484	1445	13.47	cps
Cadmium	108-1	0	21	21	14	86.60	cps
Calcium	43-1	1233	1383	1292	1303	5.80	cps
Calcium	44-1	23821	23537	24205	23855	1.41	cps
Chromium	52-2	270	203	297	257	18.73	cps
Cobalt	59-2	83	70	57	70	19.05	cps
Copper	63-2	427	380	407	404	5.79	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	75	33	42	50	44.09	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	9109767	9125623	9176448	9137279	0.38	cps
Holmium	165-2	2194027	2208102	2165969	2189366	0.98	cps
Indium	115-1	7597707	7657935	7650372	7635338	0.43	cps
Indium	115-2	383670	382423	379573	381889	0.55	cps
Iron	56-2	5123	3873	4117	4371	15.16	cps
Iron	57-2	150	100	61	104	42.97	cps
Lead	206-1	333	478	400	404	17.91	cps
Lead	207-1	283	400	383	356	17.75	cps
Lead	208-1	1383	1833	1667	1628	13.98	cps
Lithium	6-1	1522247	1541902	1513381	1525843	0.96	cps
Magnesium	24-2	1025	908	858	931	9.19	cps
Manganese	55-2	60	13	20	31	81.13	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:51:19	DataFile Name :	049CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	558	525	575	553	4.61	cps
Molybdenum	95-1	500	533	475	503	5.82	cps
Molybdenum	96-1	517	642	508	556	13.44	cps
Molybdenum	97-1	400	450	317	389	17.32	cps
Molybdenum	98-1	767	833	733	778	6.55	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	60	103	92	30.74	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	4376	4259	4126	4254	2.94	cps
Rhodium	103-1	7111229	7157785	7166185	7145067	0.41	cps
Rhodium	103-2	2083279	2080711	2057163	2073718	0.69	cps
Scandium	45-1	4664980	4719194	4670486	4684887	0.64	cps
Scandium	45-2	42862	42401	42722	42661	0.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	-104	1	-12	-38	-149.41	cps
Silicon	28-1	410750	410392	411651	410931	0.16	cps
Silver	109-1	367	333	367	356	5.41	cps
Silver	107-1	383	358	300	347	12.32	cps
Sodium	23-2	194848	189308	189359	191172	1.67	cps
Strontium	86-1	633	692	533	619	12.93	cps
Strontium	88-1	542	533	633	569	9.75	cps
Sulfur	34-1	400111	400100	397970	399394	0.31	cps
Terbium	159-1	9416466	9375814	9539431	9443904	0.90	cps
Terbium	159-2	2163331	2123374	2119173	2135293	1.14	cps
Thallium	203-1	358	550	408	439	22.65	cps
Thallium	205-1	733	1117	1042	964	21.08	cps
Tin	118-1	1250	1183	1392	1275	8.34	cps
Titanium	47-1	275	192	175	214	25.05	cps
Uranium	238-1	208	200	200	203	2.37	cps
Vanadium	51-2	10	17	27	18	47.19	cps
Yttrium	89-1	8195494	8216930	8062761	8158395	1.02	cps
Yttrium	89-2	289443	288615	288738	288932	0.15	cps
Zinc	66-2	13	33	30	26	41.94	cps
Zirconium	90-1	858	767	800	808	5.74	cps

LB Number :	LB92367	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-12-22 15:51:19	DataFile Name :	049CCBE_P8122217MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	200	200	189	10.19	cps