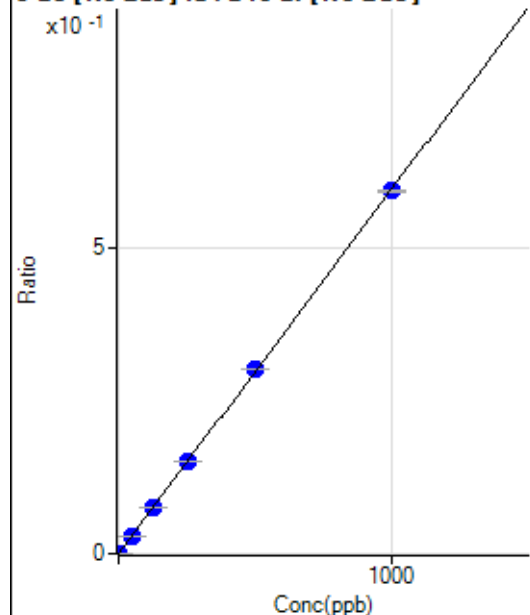


Batch Folder: D:\ICP-MS Data\P7070818MS .b\
Analysis File: P7070818MS .batch.bin
DA Date-Time: 2018-07-08 22:05:46
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7070818MS.D	S00	2018-07-08 12:40:43
2			
3	005CAL5 P7070818MS.D	S02	2018-07-08 12:49:00
4	006CAL5 P7070818MS.D	S03	2018-07-08 12:52:52
5	007CAL5 P7070818MS.D	S04	2018-07-08 12:57:00
6	008CAL5 P7070818MS.D	S05	2018-07-08 13:00:48
7	009CAL5 P7070818MS.D	S06	2018-07-08 13:04:33
8	010CAL5 P7070818MS.D	S07	2018-07-08 13:08:17
9	012CAL5 P7070818MS.D	S08	2018-07-08 13:19:26

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.19	0.0000	P	82.2
2	☐	0.100					
3	☐	1.000	0.970	2829.96	0.0006	P	0.4
4	☐	50.000	49.899	143211.33	0.0298	P	0.7
5	☐	125.000	126.274	353102.88	0.0753	P	3.2
6	☐	250.000	252.901	698549.10	0.1509	P	0.4
7	☐	500.000	506.123	1388285.93	0.3019	P	0.6
8	☐	1000.000	996.059	2642884.23	0.5942	P	0.3
9	☐			268.53	0.0001	P	13.2

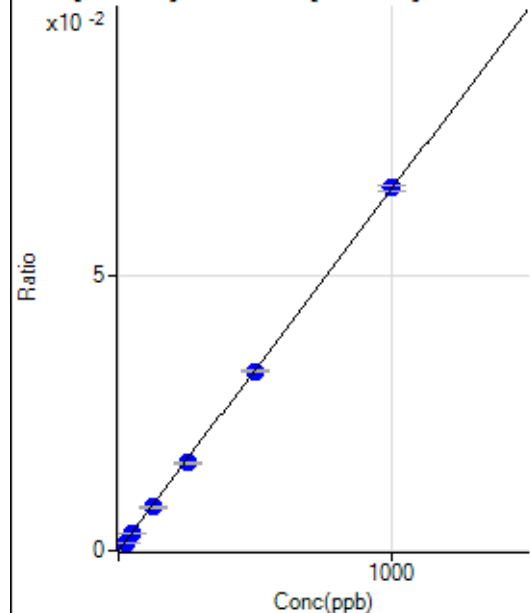
$$y = 5.9653\text{E-}004 * x + 7.3821\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03053$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.90	0.0000	P	16.4
2	☐	2.500					
3	☐	25.000	22.223	7215.90	0.0015	P	2.6
4	☐	50.000	47.906	15274.95	0.0032	P	1.5
5	☐	125.000	120.335	37124.15	0.0079	P	2.1
6	☐	250.000	243.403	73961.62	0.0160	P	2.1
7	☐	500.000	496.458	149638.87	0.0325	P	1.2
8	☐	1000.000	1004.177	292575.50	0.0658	P	1.4
9	☐			7621.67	0.0018	P	1.0

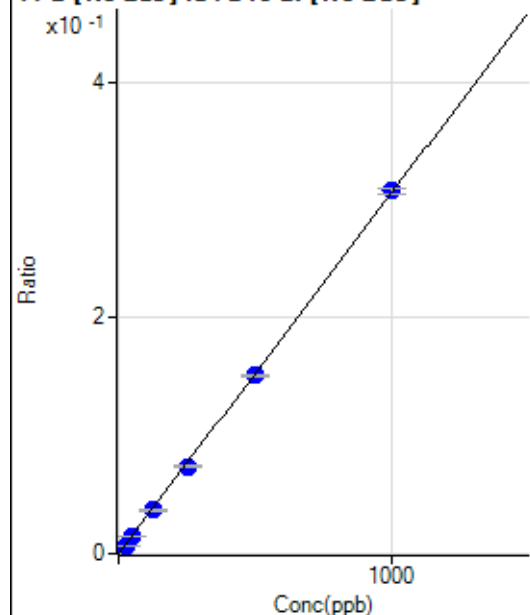
$$y = 6.5467\text{E-}005 * x + 3.9362\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.295$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	808.39	0.0002	P	10.9
2	☐	2.500					
3	☐	25.000	22.203	33599.47	0.0070	P	2.2
4	☐	50.000	47.305	70381.22	0.0146	P	1.9
5	☐	125.000	119.925	172742.20	0.0368	P	1.0
6	☐	250.000	241.355	342457.95	0.0740	P	1.1
7	☐	500.000	493.656	694866.91	0.1511	P	1.7
8	☐	1000.000	1006.172	1369063.90	0.3078	P	1.5
9	☐			34966.28	0.0082	P	5.8

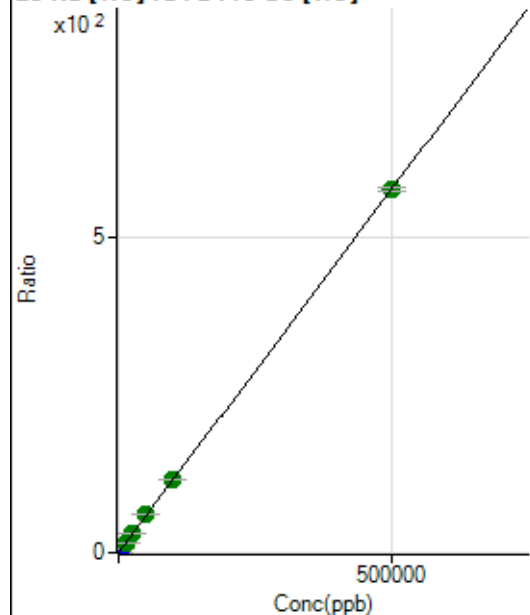
$$y = 3.0575\text{E-}004 * x + 1.6890\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1799$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16576.38	0.0334	P	0.2
2	☐	50.000					
3	☐	500.000	516.361	313771.84	0.6293	P	0.2
4	☐	5000.000	5280.020	3054511.27	6.1273	P	0.7
5	☐	12500.000	13283.942	7338250.95	15.3651	A	0.2
6	☐	25000.000	26297.692	14487066.99	30.3849	A	0.6
7	☐	50000.000	52612.723	29216732.60	60.7565	A	3.5
8	☐	100000.00	101288.61	57601581.15	116.9359	A	0.6
9	☐	500000.00	499393.70	303731065.1	576.4101	A	1.2

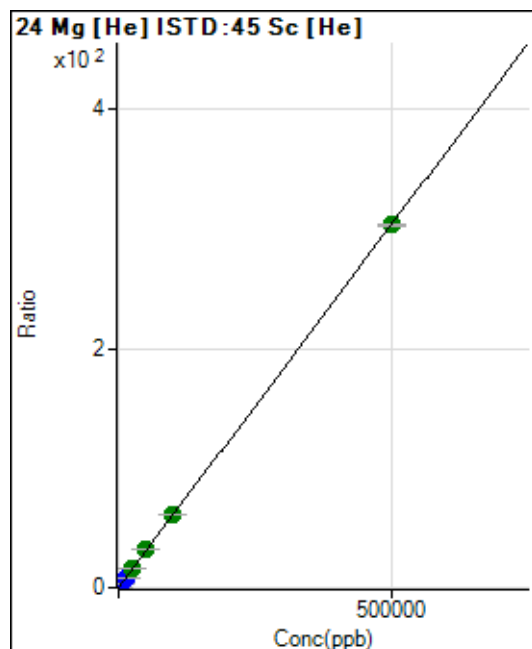
$$y = 0.0012 * x + 0.0334$$

$$R = 1.0000$$

$$DL = 0.2075$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0002	P	43.6
2	☐	50.000					
3	☐	500.000	502.910	152518.47	0.3059	P	0.5
4	☐	5000.000	5285.156	1601564.39	3.2127	P	0.8
5	☐	12500.000	13394.211	3888377.30	8.1417	P	0.3
6	☐	25000.000	26382.897	7645987.84	16.0367	A	0.7
7	☐	50000.000	52545.571	15360290.45	31.9392	A	3.2
8	☐	100000.00	100790.04	30178013.17	61.2639	A	0.6
9	☐	500000.00	499493.07	159989304.9	303.6093	A	0.9

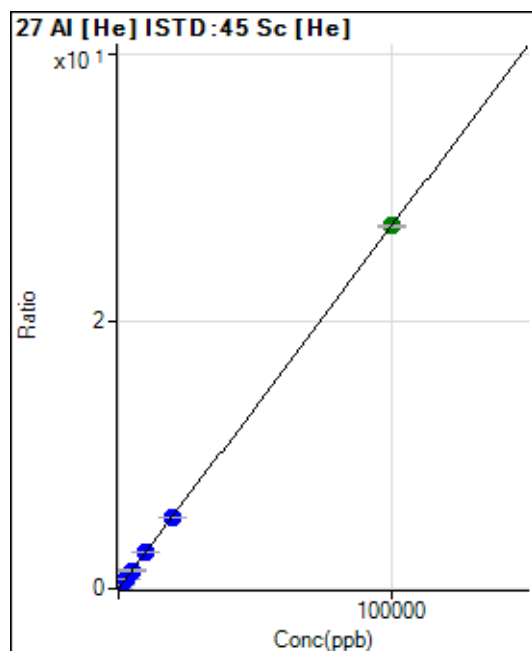
$$y = 6.0783\text{E-}004 * x + 2.2389\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4819$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0001	P	40.3
2	☐	2.000					
3	☐	20.000	20.106	2764.26	0.0055	P	2.5
4	☐	1000.000	1002.147	135708.12	0.2722	P	1.0
5	☐	2500.000	2538.117	329223.78	0.6893	P	0.4
6	☐	5000.000	5031.517	651486.68	1.3665	P	1.1
7	☐	10000.000	10078.306	1316375.35	2.7370	P	2.9
8	☐	20000.000	19661.474	2630176.45	5.3394	P	0.5
9	☐	100000.00	100057.32	14318282.26	27.1719	A	0.8

$$y = 2.7156\text{E-}004 * x + 8.3949\text{E-}005$$

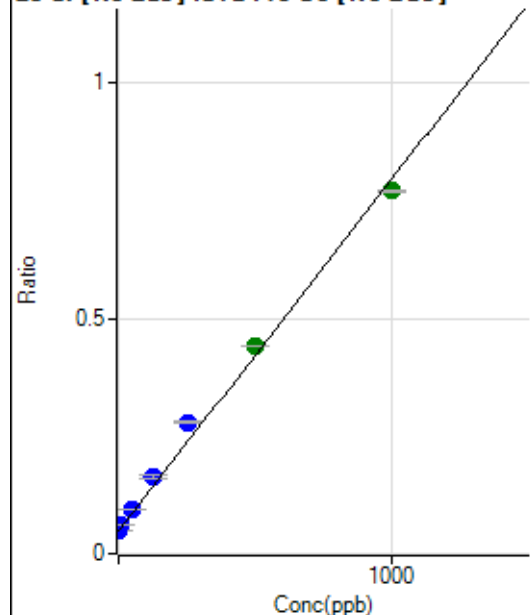
$$R = 1.0000$$

$$DL = 0.3733$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	427931.44	0.0479	P	2.1
2	☐	1.000					
3	☐	10.000	16.181	547053.78	0.0600	P	0.3
4	☐	50.000	60.310	845051.72	0.0930	P	0.1
5	☐	125.000	155.149	1456339.90	0.1639	P	3.8
6	☐	250.000	310.409	2462017.76	0.2800	P	0.7
7	☐	500.000	525.918	3906067.23	0.4411	A	0.3
8	☐	1000.000	967.593	6867402.24	0.7714	A	0.2
9	☐			559775.42	0.0609	P	1.2

$$y = 7.4767\text{E-}004 * x + 0.0479$$

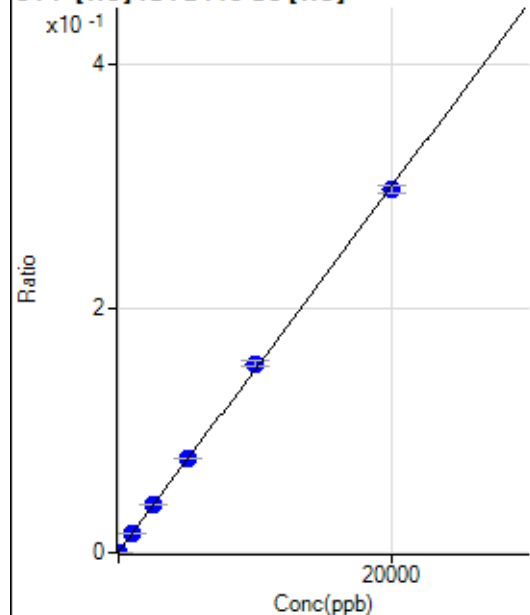
$$R = 0.9973$$

$$DL = 4.129$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-3.473	269.46	0.0005	P	15.1
2	☐	0.000					
3	☐	0.000	3.473	322.24	0.0006	P	3.5
4	☐	1000.000	1020.456	7910.76	0.0159	P	4.8
5	☐	2500.000	2563.511	18609.36	0.0390	P	1.3
6	☐	5000.000	5115.152	36787.89	0.0772	P	1.7
7	☐	10000.000	10295.766	74408.18	0.1547	P	3.0
8	☐	20000.000	19814.367	146380.97	0.2972	P	1.9
9	☐			433.36	0.0008	P	13.7

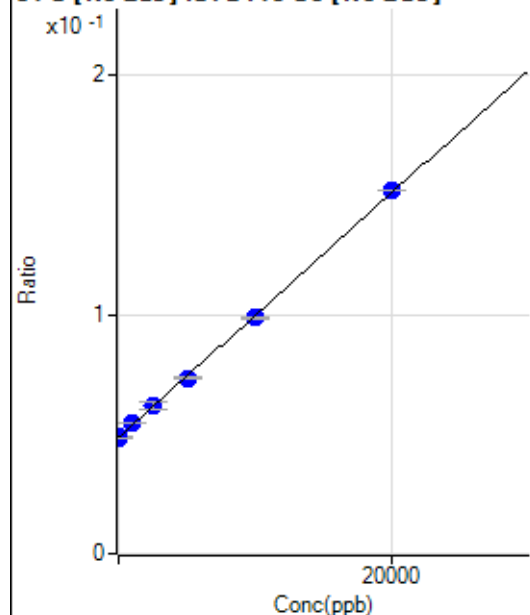
$$y = 1.4969\text{E-}005 * x + 5.9440\text{E-}004$$

$$R = 0.9998$$

$$DL = 10.5$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	62.353	437194.23	0.0490	P	2.0
2	☐	0.000					
3	☐	0.000	-62.353	440406.27	0.0483	P	1.0
4	☐	1000.000	1231.758	499139.46	0.0549	P	0.2
5	☐	2500.000	2587.197	549607.82	0.0619	P	4.5
6	☐	5000.000	4812.913	644116.57	0.0733	P	1.3
7	☐	10000.000	9755.034	872392.53	0.0985	P	1.4
8	☐	20000.000	20146.767	1350370.05	0.1517	P	0.1
9	☐			327485.34	0.0356	P	0.5

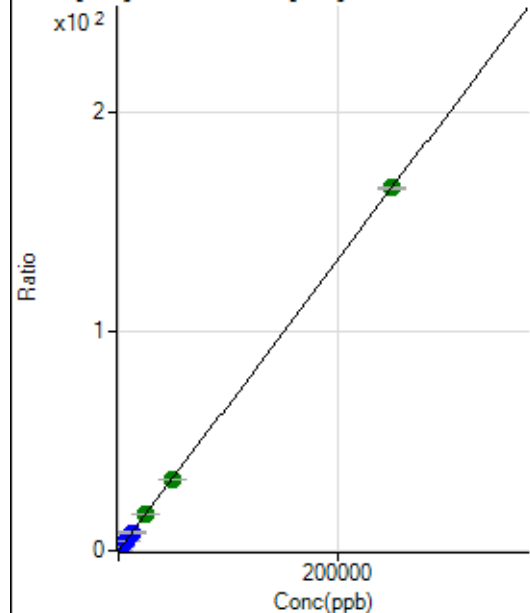
$$y = 5.1142\text{E-}006 * x + 0.0486$$

$$R = 0.9997$$

$$DL = 430.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40185.65	0.0809	P	2.9
2	☐	50.000					
3	☐	500.000	492.516	202664.96	0.4065	P	0.6
4	☐	2500.000	2477.696	856839.64	1.7188	P	0.8
5	☐	6250.000	6249.416	2011672.18	4.2122	P	0.4
6	☐	12500.000	12447.986	3961928.60	8.3098	P	0.9
7	☐	25000.000	24869.587	7946261.98	16.5212	A	2.8
8	☐	50000.000	48747.493	15913997.23	32.3060	A	0.2
9	☐	250000.00	250266.39	87222331.12	165.5222	A	0.8

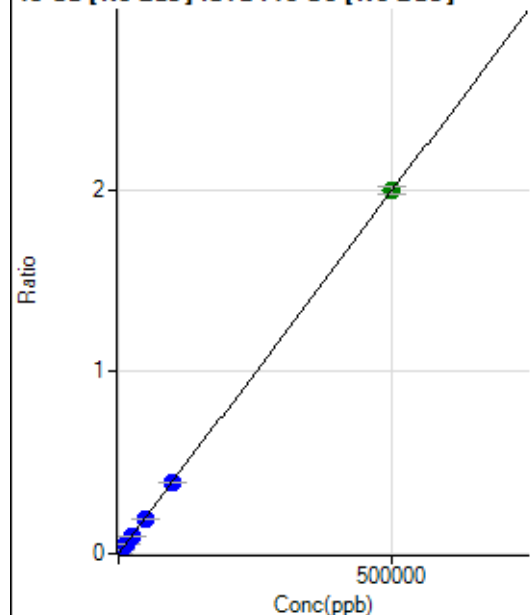
$$y = 6.6106\text{E-}004 * x + 0.0809$$

$$R = 1.0000$$

$$DL = 10.59$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250.01	0.0000	P	10.3
2	☐	50.000					
3	☐	500.000	470.186	17307.92	0.0019	P	3.3
4	☐	5000.000	4840.250	175216.31	0.0193	P	0.8
5	☐	12500.000	12258.913	433545.76	0.0488	P	4.2
6	☐	25000.000	24404.138	854028.82	0.0971	P	0.2
7	☐	50000.000	48943.623	1724570.83	0.1948	P	0.2
8	☐	100000.00	97794.915	3464487.19	0.3891	P	0.6
9	☐	500000.00	500584.10	18300761.87	1.9918	A	2.2

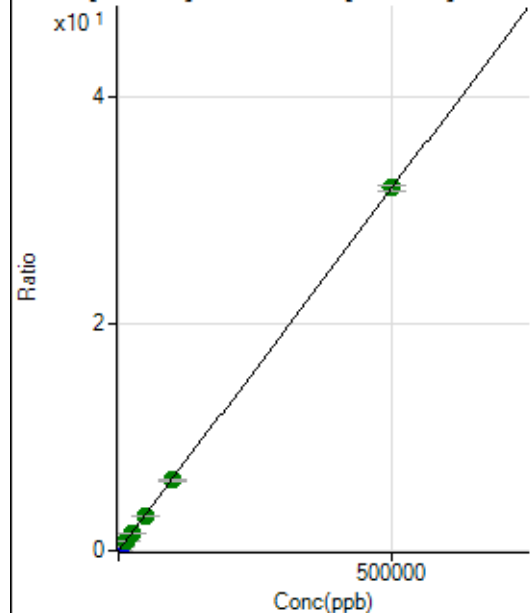
$$y = 3.9788\text{E-}006 * x + 2.8024\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.178$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25993.76	0.0029	P	2.5
2	☐	50.000					
3	☐	500.000	462.564	295484.02	0.0324	P	0.4
4	☐	5000.000	4883.444	2856784.31	0.3145	P	0.2
5	☐	12500.000	12249.171	6967724.90	0.7844	A	4.2
6	☐	25000.000	24271.675	13640644.23	1.5513	A	0.0
7	☐	50000.000	48823.142	27604802.70	3.1176	A	0.4
8	☐	100000.00	96864.266	55042108.17	6.1824	A	0.1
9	☐	500000.00	500788.72	293584731.5	31.9510	A	1.8

$$y = 6.3796\text{E-}005 * x + 0.0029$$

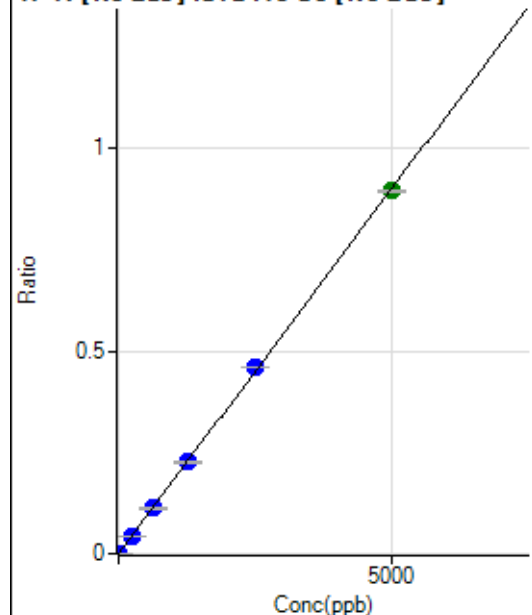
$$R = 1.0000$$

$$DL = 3.455$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	21.2
2	☐	0.500					
3	☐	5.000	4.718	7910.75	0.0009	P	1.0
4	☐	250.000	247.288	404459.02	0.0445	P	0.6
5	☐	625.000	625.342	999898.61	0.1126	P	4.0
6	☐	1250.000	1252.249	1981591.28	0.2254	P	0.4
7	☐	2500.000	2551.203	4065323.70	0.4591	P	0.2
8	☐	5000.000	4973.929	7969016.59	0.8951	A	0.3
9	☐			3775.62	0.0004	P	4.0

$$y = 1.7995\text{E-}004 * x + 1.9004\text{E-}005$$

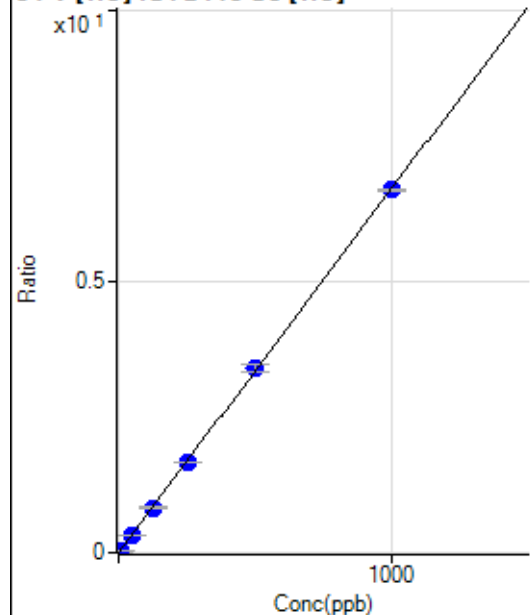
$$R = 0.9999$$

$$DL = 0.06706$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	19.8
2	☐	0.500					
3	☐	5.000	4.771	16004.41	0.0321	P	1.0
4	☐	50.000	49.355	165386.25	0.3318	P	0.3
5	☐	125.000	123.952	397895.96	0.8331	P	0.9
6	☐	250.000	249.057	798139.71	1.6740	P	0.8
7	☐	500.000	507.063	1638855.81	3.4081	P	3.6
8	☐	1000.000	996.869	3300488.39	6.7003	P	0.6
9	☐			1046.72	0.0020	P	5.8

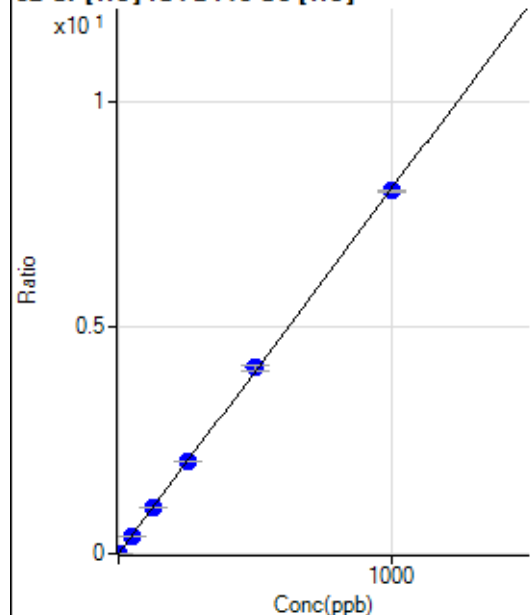
$$y = 0.0067 * x + 3.3544\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.002966$$

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	483.35	0.0010	P	1.4
2	☐	0.200					
3	☐	2.000	2.098	8921.71	0.0179	P	2.4
4	☐	50.000	49.869	200942.05	0.4031	P	0.3
5	☐	125.000	126.333	486974.31	1.0196	P	0.1
6	☐	250.000	251.922	968985.04	2.0323	P	0.4
7	☐	500.000	510.012	1978066.48	4.1134	P	3.5
8	☐	1000.000	994.353	3949950.36	8.0188	P	0.9
9	☐			153541.75	0.2914	P	0.6

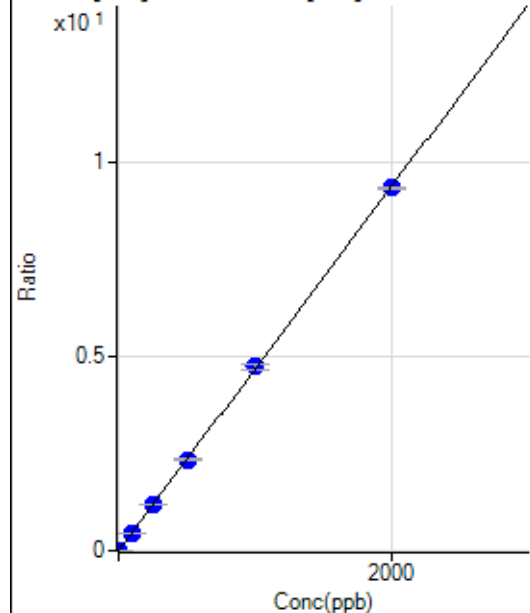
$$y = 0.0081 * x + 9.7311E-004$$

$$R = 0.9999$$

$$DL = 0.005$$

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	70.00	0.0001	P	21.8
2	☐	0.100					
3	☐	1.000	1.017	2446.91	0.0049	P	1.2
4	☐	100.000	99.128	231620.92	0.4646	P	1.2
5	☐	250.000	250.733	561178.33	1.1750	P	0.5
6	☐	500.000	501.128	1119659.13	2.3483	P	0.8
7	☐	1000.000	1013.211	2283337.62	4.7479	P	3.2
8	☐	2000.000	1993.065	4600541.84	9.3393	P	0.4
9	☐			23171.79	0.0440	P	0.3

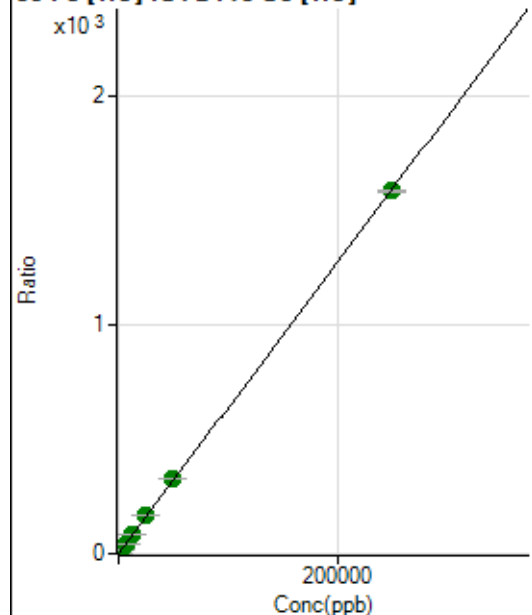
$$y = 0.0047 * x + 1.4093E-004$$

$$R = 1.0000$$

$$DL = 0.01969$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3952.50	0.0080	P	1.9
2	☐	5.000					
3	☐	50.000	51.558	167173.51	0.3353	P	0.9
4	☐	2500.000	2615.032	8280417.43	16.6104	A	0.6
5	☐	6250.000	6600.607	20018087.02	41.9143	A	0.3
6	☐	12500.000	13143.498	39789457.83	83.4541	A	0.7
7	☐	25000.000	26439.682	80722030.51	167.8697	A	3.7
8	☐	50000.000	51421.309	160821336.9	326.4745	A	0.3
9	☐	250000.00	249529.67	834821463.1	1,584.236	A	0.7

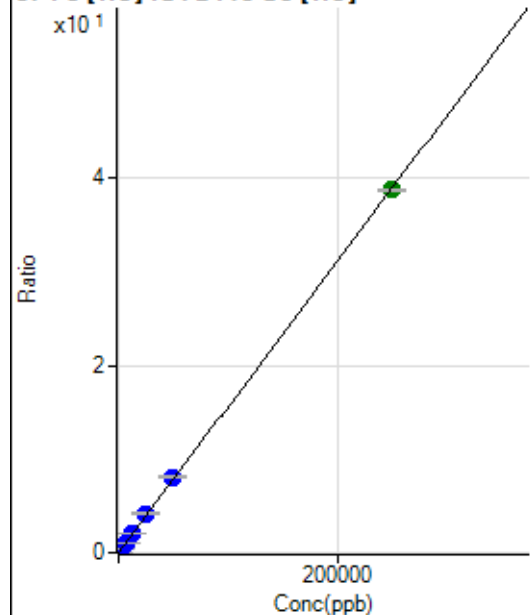
$$y = 0.0063 * x + 0.0080$$

$$R = 1.0000$$

$$DL = 0.06994$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	574.10	0.0012	P	3.2
2	☐	5.000					
3	☐	50.000	53.343	4710.14	0.0094	P	2.3
4	☐	2500.000	2599.191	201964.53	0.4051	P	0.7
5	☐	6250.000	6601.646	490597.87	1.0272	P	0.2
6	☐	12500.000	13177.658	977067.16	2.0493	P	0.8
7	☐	25000.000	26606.027	1988933.96	4.1364	P	3.9
8	☐	50000.000	52165.241	3994468.64	8.1090	P	0.5
9	☐	250000.00	249362.68	20424376.85	38.7586	A	0.6

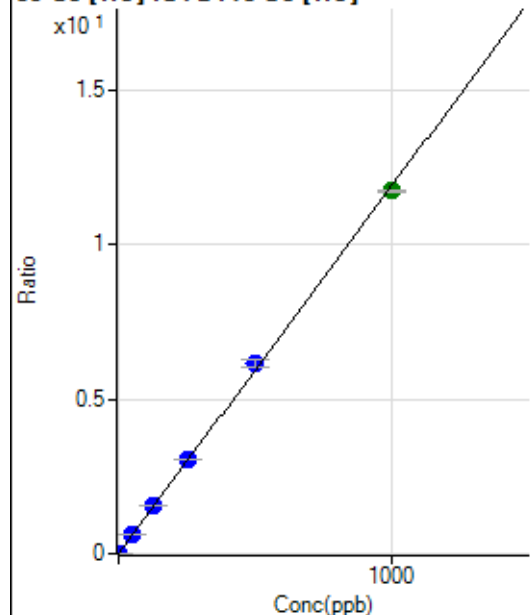
$$y = 1.5543E-004 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.7042$$

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	152.22	0.0003	P	6.8
2	☐	0.100					
3	☐	1.000	0.995	6049.12	0.0121	P	1.5
4	☐	50.000	50.823	301372.87	0.6046	P	0.7
5	☐	125.000	129.442	735137.49	1.5393	P	0.6
6	☐	250.000	257.769	1461318.66	3.0650	P	0.9
7	☐	500.000	520.117	2973535.89	6.1841	P	3.9
8	☐	1000.000	987.403	5782844.78	11.7398	A	0.9
9	☐			73762.10	0.1400	P	0.5

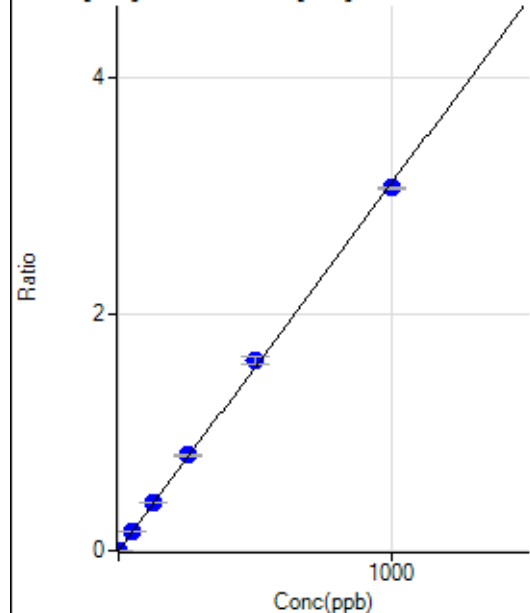
$$y = 0.0119 * x + 3.0643E-004$$

$$R = 0.9997$$

$$DL = 0.005245$$

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	43.34	0.0001	P	13.5
2	☐	0.100					
3	☐	1.000	1.052	1671.23	0.0034	P	3.7
4	☐	50.000	51.347	79473.75	0.1594	P	0.4
5	☐	125.000	130.584	193566.35	0.4053	P	0.8
6	☐	250.000	259.339	383739.57	0.8048	P	0.5
7	☐	500.000	518.126	773208.99	1.6079	P	3.5
8	☐	1000.000	987.837	1510045.03	3.0655	P	0.5
9	☐			48653.86	0.0923	P	0.5

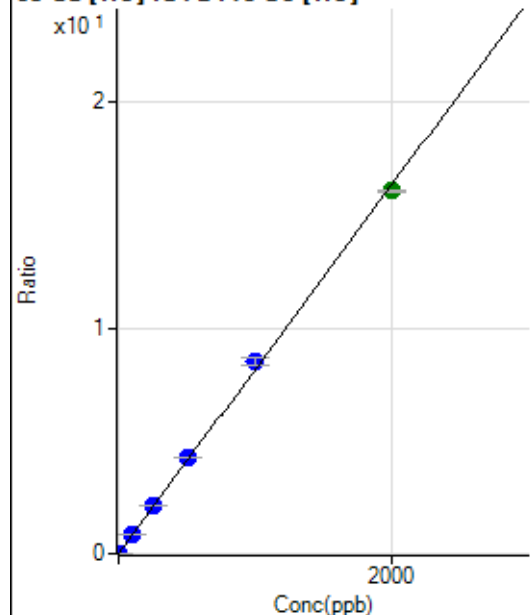
$$y = 0.0031 * x + 8.7261E-005$$

$$R = 0.9997$$

$$DL = 0.01136$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1064.51	0.0021	P	11.7
2	☐	0.200					
3	☐	2.000	2.071	9495.45	0.0190	P	1.0
4	☐	100.000	103.221	421049.57	0.8446	P	0.5
5	☐	250.000	262.275	1023372.21	2.1428	P	0.3
6	☐	500.000	524.343	2041464.66	4.2818	P	0.7
7	☐	1000.000	1046.701	4109086.40	8.5452	P	3.6
8	☐	2000.000	1968.868	7916771.34	16.0718	A	0.7
9	☐			14049.15	0.0267	P	0.9

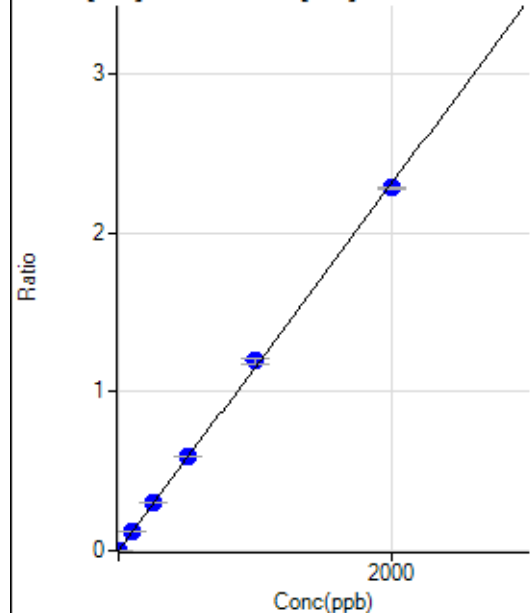
$$y = 0.0082 * x + 0.0021$$

$$R = 0.9995$$

$$DL = 0.0921$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	357.79	0.0007	P	10.4
2	☐	0.200					
3	☐	2.000	2.192	1621.23	0.0033	P	6.3
4	☐	100.000	102.376	59279.86	0.1189	P	0.8
5	☐	250.000	261.162	144342.32	0.3022	P	0.6
6	☐	500.000	516.422	284610.95	0.5969	P	0.4
7	☐	1000.000	1034.153	574475.02	1.1947	P	3.6
8	☐	2000.000	1977.304	1124851.08	2.2835	P	0.6
9	☐			8109.03	0.0154	P	0.2

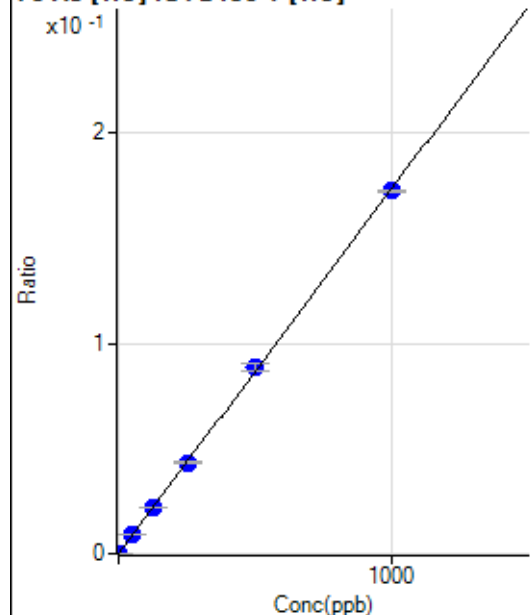
$$y = 0.0012 * x + 7.2043E-004$$

$$R = 0.9997$$

$$DL = 0.1951$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	33.7
2	☐	0.100					
3	☐	1.000	1.110	472.23	0.0002	P	9.1
4	☐	50.000	50.594	21475.18	0.0088	P	0.9
5	☐	125.000	125.240	52136.79	0.0217	P	0.6
6	☐	250.000	250.082	103469.43	0.0434	P	1.4
7	☐	500.000	510.144	212913.73	0.0885	P	3.9
8	☐	1000.000	994.847	424631.68	0.1726	P	0.6
9	☐			698.17	0.0003	P	3.5

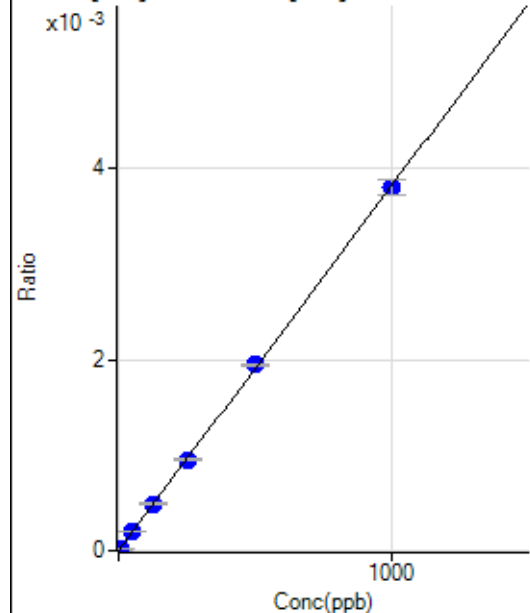
$$y = 1.7351\text{E-}004 * x + 2.3143\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0135$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	6.486	63.33	0.0000	P	5.4
4	☐	50.000	54.307	510.02	0.0002	P	1.8
5	☐	125.000	128.596	1180.07	0.0005	P	3.1
6	☐	250.000	249.138	2269.10	0.0010	P	2.1
7	☐	500.000	510.132	4687.50	0.0019	P	1.3
8	☐	1000.000	994.477	9334.25	0.0038	P	4.2
9	☐			8.89	0.0000	P	58.4

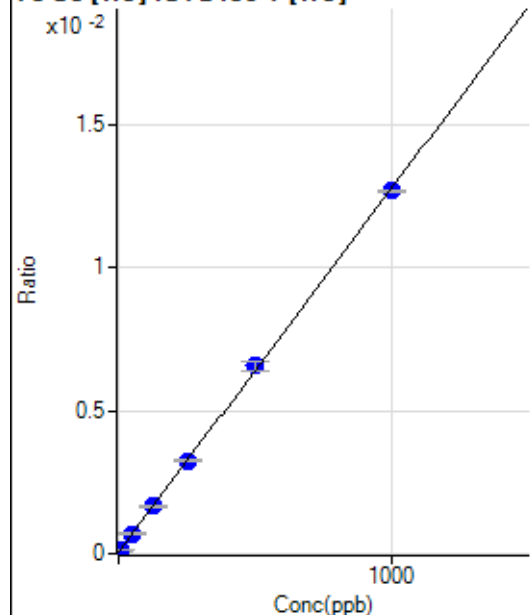
$$y = 3.8143\text{E-}006 * x + 1.3925\text{E-}006$$

$$R = 0.9999$$

$$DL = 1.897$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.37	0.0001	P	12.7
2	☐	0.500					
3	☐	5.000	5.774	299.39	0.0001	P	0.5
4	☐	50.000	50.880	1705.06	0.0007	P	2.9
5	☐	125.000	125.583	3951.80	0.0016	P	2.7
6	☐	250.000	251.898	7757.69	0.0033	P	2.1
7	☐	500.000	511.954	15775.95	0.0066	P	5.2
8	☐	1000.000	993.428	31201.98	0.0127	P	0.5
9	☐			145.68	0.0001	P	11.5

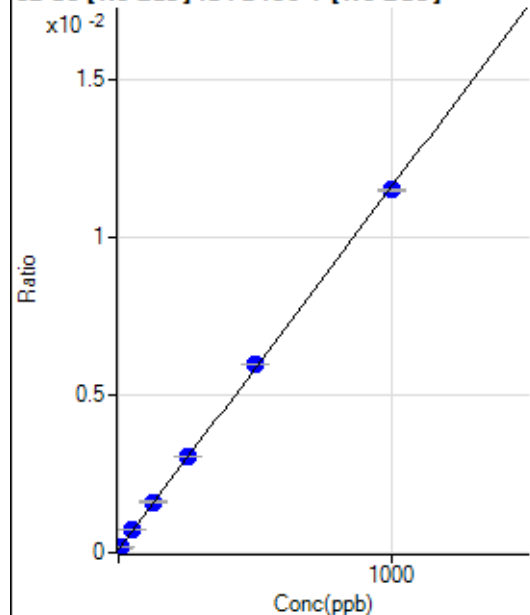
$$y = 1.2717\text{E-}005 * x + 5.0096\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.496$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1282.50	0.0001	P	3.6
2	☐	0.500					
3	☐	5.000	5.804	2149.09	0.0002	P	5.3
4	☐	50.000	52.872	9017.72	0.0007	P	0.6
5	☐	125.000	130.933	20235.71	0.0016	P	3.1
6	☐	250.000	258.066	38691.52	0.0031	P	0.5
7	☐	500.000	510.618	76266.48	0.0060	P	0.7
8	☐	1000.000	991.785	147244.07	0.0115	P	0.3
9	☐			1638.97	0.0001	P	3.0

$$y = 1.1510\text{E-}005 * x + 1.0350\text{E-}004$$

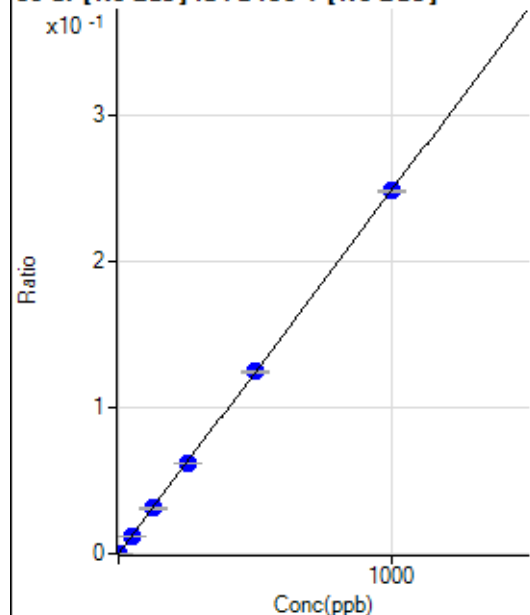
$$R = 0.9999$$

$$DL = 0.9645$$

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	602.82	0.0000	P	3.3
2	☐	0.100					
3	☐	1.000	1.017	3806.22	0.0003	P	1.4
4	☐	50.000	49.548	156635.02	0.0124	P	1.2
5	☐	125.000	124.467	389314.59	0.0310	P	4.4
6	☐	250.000	250.438	784411.15	0.0623	P	0.2
7	☐	500.000	501.669	1591181.49	0.1248	P	0.7
8	☐	1000.000	999.145	3176207.39	0.2485	P	0.6
9	☐			14099.12	0.0011	P	1.0

$$y = 2.4863E-004 * x + 4.8671E-005$$

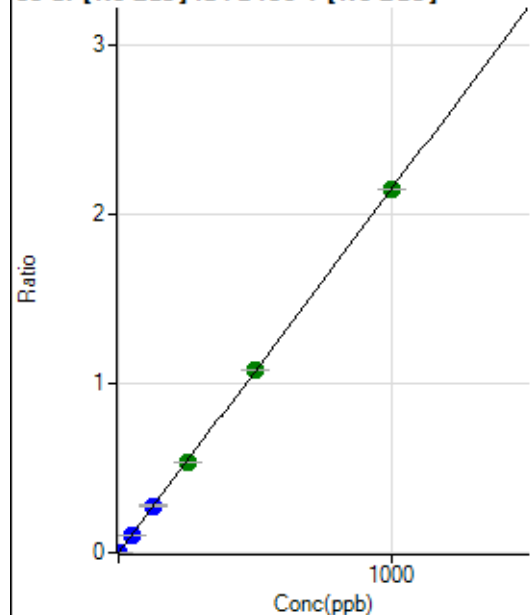
$$R = 1.0000$$

$$DL = 0.01939$$

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	63.89	0.0000	P	21.4
2	☐	0.100					
3	☐	1.000	0.985	26725.73	0.0021	P	2.7
4	☐	50.000	49.869	1354998.29	0.1070	P	0.2
5	☐	125.000	127.596	3438722.95	0.2737	P	3.9
6	☐	250.000	250.177	6755841.90	0.5367	A	0.5
7	☐	500.000	503.279	13768069.23	1.0797	A	0.6
8	☐	1000.000	997.998	27368648.53	2.1410	A	0.2
9	☐			121558.82	0.0095	P	2.0

$$y = 0.0021 * x + 5.1692E-006$$

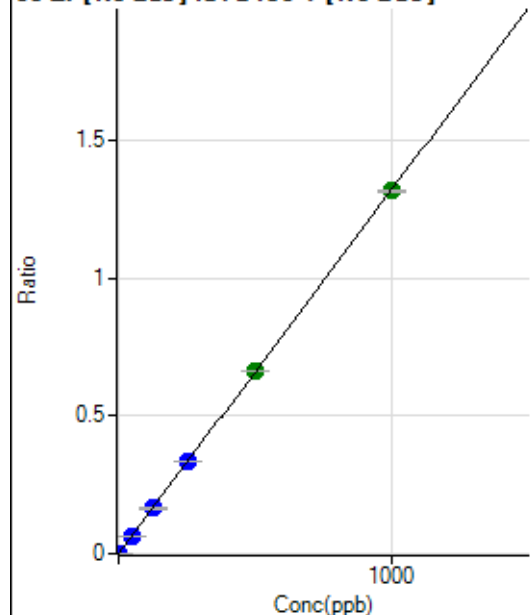
$$R = 1.0000$$

$$DL = 0.001549$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	952.85	0.0001	P	8.9
2	☐	0.100					
3	☐	1.000	0.961	16999.58	0.0013	P	2.2
4	☐	50.000	49.525	830054.66	0.0655	P	0.4
5	☐	125.000	125.951	2092386.92	0.1666	P	3.8
6	☐	250.000	254.428	4234302.78	0.3364	P	0.1
7	☐	500.000	502.608	8472797.85	0.6644	A	0.5
8	☐	1000.000	997.494	16855588.40	1.3186	A	0.5
9	☐			3606.17	0.0003	P	2.8

$$y = 0.0013 * x + 7.6978E-005$$

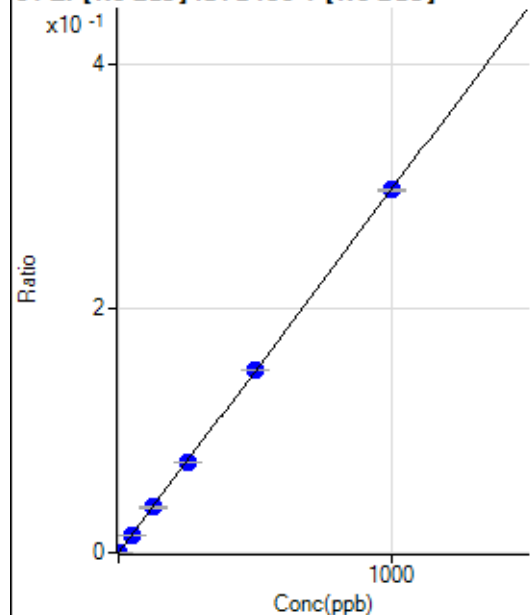
$$R = 1.0000$$

$$DL = 0.01561$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.35	0.0000	P	6.9
2	☐	0.100					
3	☐	1.000	0.923	3672.85	0.0003	P	3.8
4	☐	50.000	48.886	184146.99	0.0145	P	0.6
5	☐	125.000	124.656	465421.57	0.0371	P	4.0
6	☐	250.000	250.194	935825.11	0.0743	P	0.8
7	☐	500.000	502.713	1904702.76	0.1494	P	0.5
8	☐	1000.000	998.694	3792902.08	0.2967	P	0.4
9	☐			800.06	0.0001	P	5.6

$$y = 2.9708E-004 * x + 1.6818E-005$$

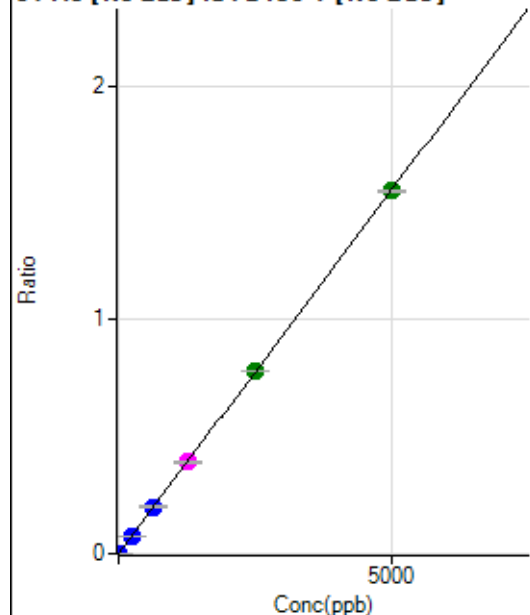
$$R = 1.0000$$

$$DL = 0.01167$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	400.02	0.0000	P	16.2
2	☐	0.500					
3	☐	5.000	4.893	19608.63	0.0016	P	4.7
4	☐	250.000	248.932	980844.59	0.0774	P	0.1
5	☐	625.000	636.220	2485776.10	0.1979	P	4.0
6	☐	1250.000	1262.272	4941600.98	0.3926	M	1.7
7	☐	2500.000	2511.812	9961358.12	0.7812	A	0.5
8	☐	5000.000	4989.677	19836144.02	1.5518	A	0.3
9	☐			21622.63	0.0017	P	4.1

$$y = 3.1099\text{E-}004 * x + 3.2337\text{E-}005$$

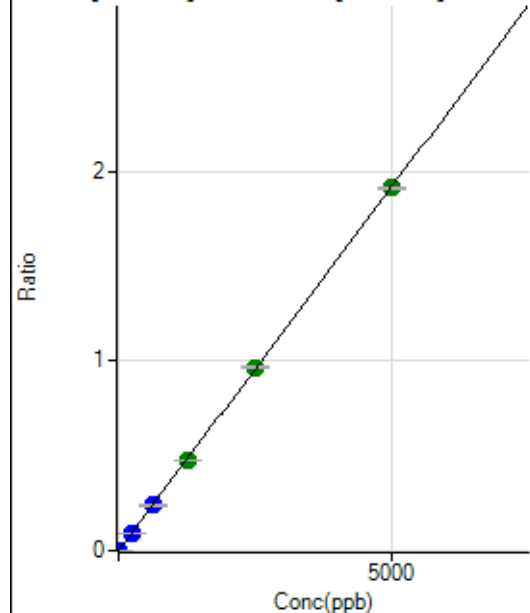
$$R = 1.0000$$

$$DL = 0.05061$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	39.3
2	☐	0.500					
3	☐	5.000	4.883	23706.57	0.0019	P	1.7
4	☐	250.000	249.715	1213624.12	0.0958	P	0.5
5	☐	625.000	633.655	3054212.13	0.2432	P	4.3
6	☐	1250.000	1251.033	6042753.65	0.4801	A	0.7
7	☐	2500.000	2519.187	12326774.06	0.9667	A	0.8
8	☐	5000.000	4989.081	24472506.97	1.9144	A	0.5
9	☐			36536.66	0.0028	P	2.5

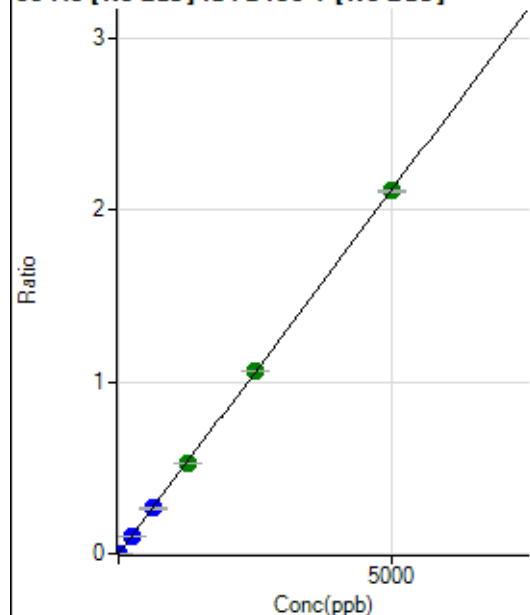
$$y = 3.8373\text{E-}004 * x + 4.7267\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01451$$

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	138.90	0.0000	P	14.0
2	☐	0.500					
3	☐	5.000	4.731	25390.08	0.0020	P	1.3
4	☐	250.000	248.288	1330040.25	0.1050	P	0.1
5	☐	625.000	632.231	3358740.39	0.2674	P	4.3
6	☐	1250.000	1249.493	6651961.44	0.5285	A	0.4
7	☐	2500.000	2516.194	13569943.71	1.0642	A	0.8
8	☐	5000.000	4991.212	26984101.30	2.1109	A	0.3
9	☐			43333.28	0.0034	P	2.3

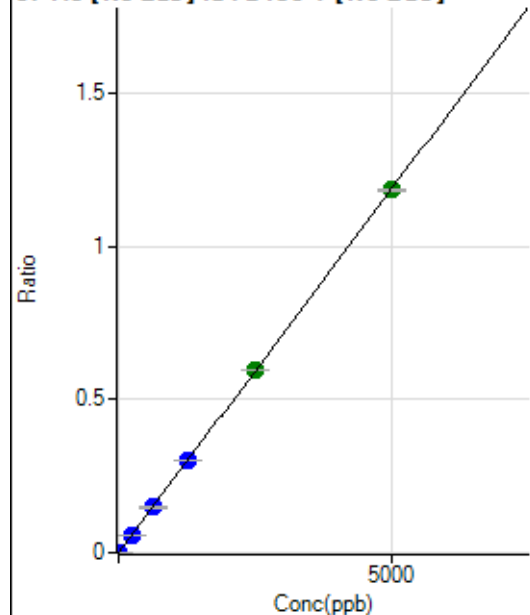
$$y = 4.2293E-004 * x + 1.1227E-005$$

$$R = 1.0000$$

$$DL = 0.01116$$

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	108.34	0.0000	P	14.7
2	☐	0.500					
3	☐	5.000	4.669	14099.10	0.0011	P	2.6
4	☐	250.000	246.451	741271.75	0.0585	P	0.2
5	☐	625.000	631.059	1882187.54	0.1499	P	4.6
6	☐	1250.000	1261.530	3770840.32	0.2996	P	0.2
7	☐	2500.000	2514.582	7614383.16	0.5971	A	0.2
8	☐	5000.000	4989.247	15144490.44	1.1847	A	0.7
9	☐			22468.36	0.0018	P	2.0

$$y = 2.3746E-004 * x + 8.7564E-006$$

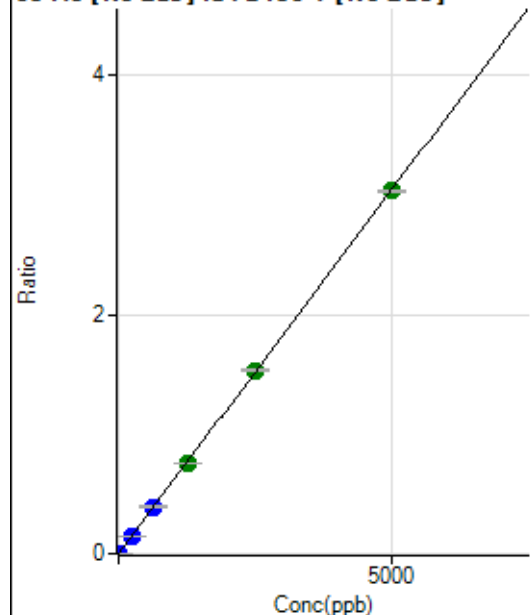
$$R = 1.0000$$

$$DL = 0.01627$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	40.4
2	☐	0.500					
3	☐	5.000	4.873	37453.02	0.0030	P	1.7
4	☐	250.000	248.892	1915286.09	0.1512	P	0.4
5	☐	625.000	638.314	4871625.76	0.3878	P	4.2
6	☐	1250.000	1250.389	9563039.02	0.7597	A	0.3
7	☐	2500.000	2519.840	19522948.35	1.5310	A	0.7
8	☐	5000.000	4988.374	38743425.52	3.0308	A	0.3
9	☐			55447.77	0.0043	P	2.9

$$y = 6.0758\text{E-}004 * x + 7.6447\text{E-}006$$

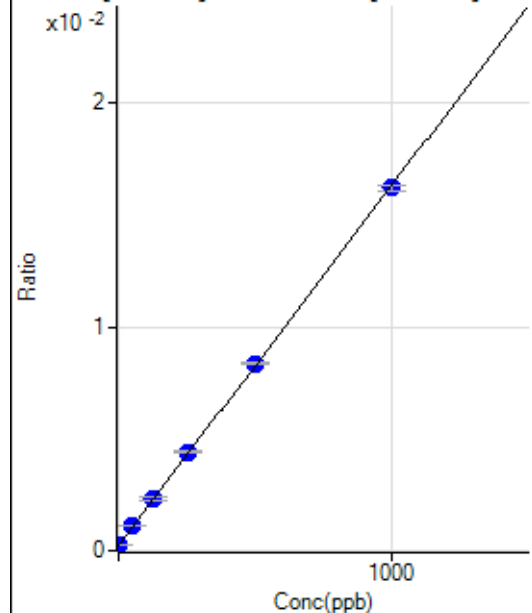
$$R = 1.0000$$

$$DL = 0.01525$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3050.46	0.0002	P	6.2
2	☐	0.100					
3	☐	1.000	1.403	3375.55	0.0003	P	6.0
4	☐	50.000	54.172	14680.36	0.0011	P	2.4
5	☐	125.000	131.429	31338.45	0.0023	P	6.1
6	☐	250.000	259.504	60391.12	0.0044	P	1.1
7	☐	500.000	505.127	116441.72	0.0084	P	1.3
8	☐	1000.000	994.048	222583.62	0.0162	P	1.8
9	☐			3078.25	0.0002	P	6.8

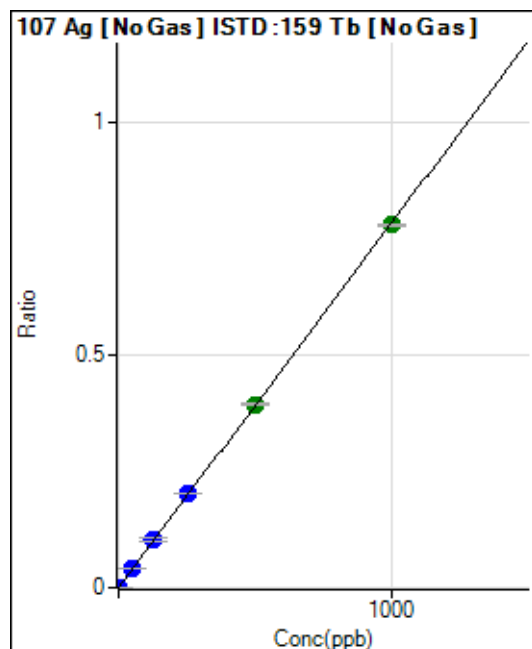
$$y = 1.6074\text{E-}005 * x + 2.3545\text{E-}004$$

$$R = 0.9999$$

$$DL = 2.723$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	29.9
2	☐	0.100					
3	☐	1.000	1.068	11035.25	0.0008	P	5.0
4	☐	50.000	52.819	550311.20	0.0415	P	0.4
5	☐	125.000	131.784	1381302.32	0.1034	P	4.4
6	☐	250.000	258.260	2778253.64	0.2027	P	0.6
7	☐	500.000	503.508	5508238.14	0.3952	A	0.7
8	☐	1000.000	995.192	10724313.44	0.7812	A	0.5
9	☐			827.84	0.0001	P	9.7

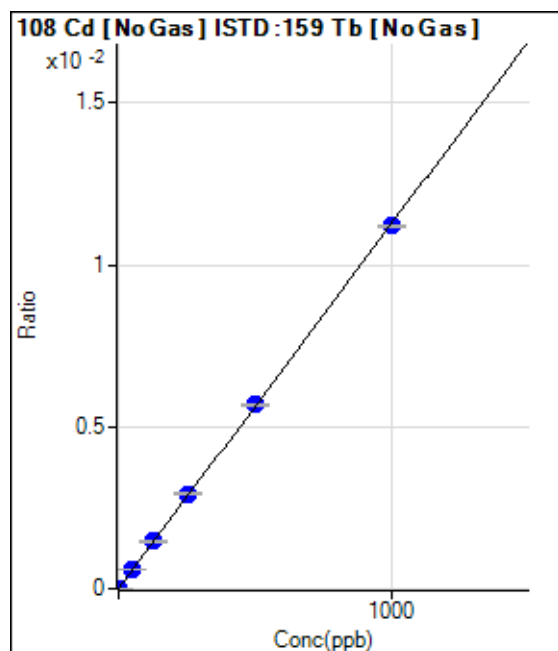
$$y = 7.8495E-004 * x + 5.3512E-006$$

$$R = 0.9999$$

$$DL = 0.006113$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	66.4
2	☐	0.100					
3	☐	1.000	1.026	168.06	0.0000	P	8.4
4	☐	50.000	53.071	7949.61	0.0006	P	2.5
5	☐	125.000	130.594	19661.10	0.0015	P	3.4
6	☐	250.000	259.136	40010.85	0.0029	P	1.4
7	☐	500.000	505.168	79306.28	0.0057	P	1.2
8	☐	1000.000	994.279	153737.89	0.0112	P	0.6
9	☐			31.94	0.0000	P	21.0

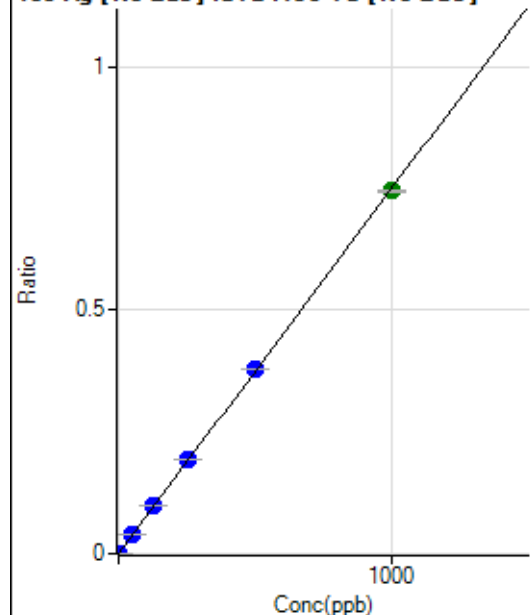
$$y = 1.1262E-005 * x + 1.2931E-006$$

$$R = 0.9999$$

$$DL = 0.2288$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	36.6
2	☐	0.100					
3	☐	1.000	1.079	10632.21	0.0008	P	2.3
4	☐	50.000	52.683	523534.73	0.0394	P	0.8
5	☐	125.000	131.565	1315587.88	0.0985	P	3.6
6	☐	250.000	256.972	2636700.73	0.1924	P	0.5
7	☐	500.000	506.208	5282130.80	0.3790	P	0.4
8	☐	1000.000	994.198	10218709.78	0.7444	A	0.8
9	☐			852.84	0.0001	P	9.2

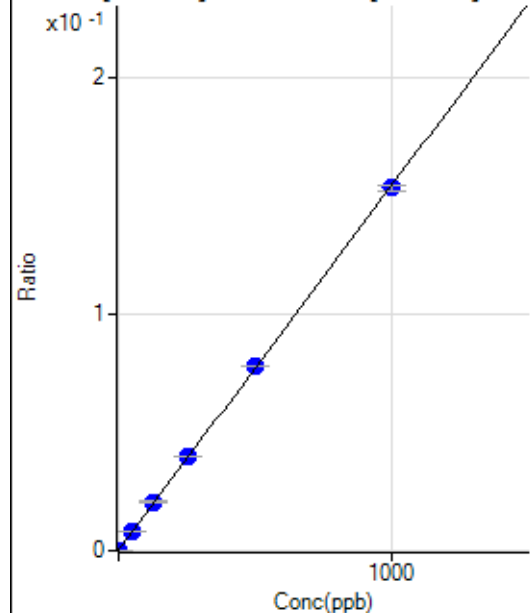
$$y = 7.4870\text{E-}004 * x + 4.4828\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.006578$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2134.77	0.0002	P	6.2
2	☐	0.100					
3	☐	1.000	0.989	4150.97	0.0003	P	3.9
4	☐	50.000	52.361	109382.31	0.0082	P	0.6
5	☐	125.000	131.222	272494.39	0.0204	P	4.3
6	☐	250.000	256.610	544744.92	0.0397	P	0.3
7	☐	500.000	506.805	1091890.91	0.0783	P	0.3
8	☐	1000.000	994.049	2107342.25	0.1535	P	1.4
9	☐			2535.20	0.0002	P	4.7

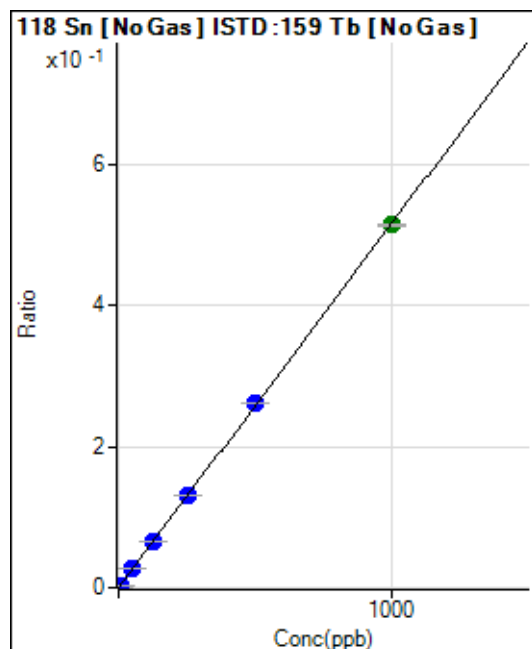
$$y = 1.5426\text{E-}004 * x + 1.6478\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1981$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	725.05	0.0001	P	9.6
2	☐	0.500					
3	☐	5.000	4.896	33788.77	0.0026	P	1.4
4	☐	50.000	50.399	345902.36	0.0261	P	0.5
5	☐	125.000	126.664	873598.49	0.0654	P	4.0
6	☐	250.000	251.986	1782827.58	0.1301	P	0.4
7	☐	500.000	505.127	3633654.38	0.2607	P	0.1
8	☐	1000.000	996.713	7061798.33	0.5144	A	0.4
9	☐			15175.48	0.0011	P	3.1

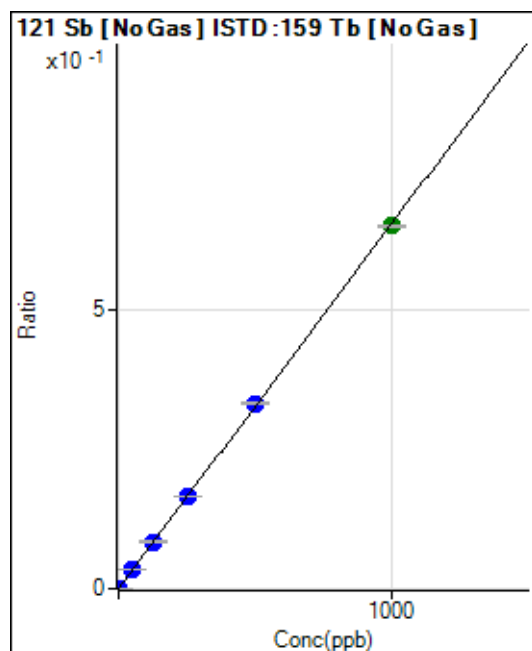
$$y = 5.1604\text{E-}004 * x + 5.5949\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.0312$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	18.7
2	☐	0.200					
3	☐	2.000	1.968	17058.16	0.0013	P	0.4
4	☐	50.000	50.242	437522.70	0.0330	P	0.2
5	☐	125.000	127.645	1118330.29	0.0837	P	3.6
6	☐	250.000	253.185	2276014.48	0.1661	P	0.2
7	☐	500.000	508.153	4645410.17	0.3333	P	0.3
8	☐	1000.000	994.784	8957683.10	0.6525	A	0.5
9	☐			11763.67	0.0009	P	3.2

$$y = 6.5591\text{E-}004 * x + 1.2654\text{E-}005$$

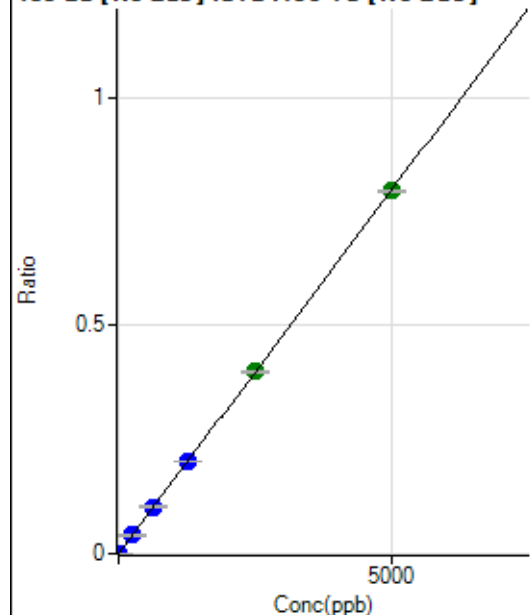
$$R = 0.9999$$

$$DL = 0.01082$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	35.7
2	☐	1.000					
3	☐	10.000	9.960	20777.42	0.0016	P	1.5
4	☐	250.000	251.571	531963.75	0.0401	P	0.6
5	☐	625.000	637.770	1357128.14	0.1016	P	3.6
6	☐	1250.000	1274.469	2782879.25	0.2031	P	0.5
7	☐	2500.000	2503.255	5558587.75	0.3988	A	0.6
8	☐	5000.000	4990.581	10915984.01	0.7951	A	0.7
9	☐			1319.57	0.0001	P	9.9

$$y = 1.5933\text{E-}004 * x + 1.0752\text{E-}006$$

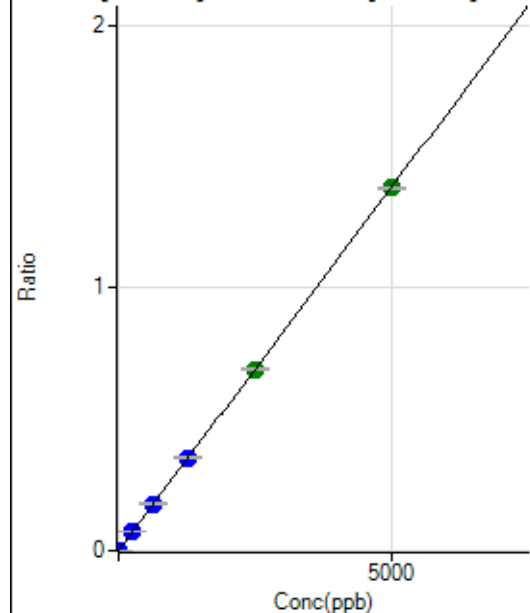
$$R = 1.0000$$

$$DL = 0.007234$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	27.8
2	☐	1.000					
3	☐	10.000	10.002	36245.48	0.0028	P	1.2
4	☐	250.000	252.582	927156.64	0.0699	P	0.7
5	☐	625.000	641.935	2371346.39	0.1775	P	3.4
6	☐	1250.000	1281.691	4858166.60	0.3545	P	0.7
7	☐	2500.000	2498.164	9629443.97	0.6909	A	0.5
8	☐	5000.000	4990.749	18949504.24	1.3803	A	0.6
9	☐			2389.21	0.0002	P	4.5

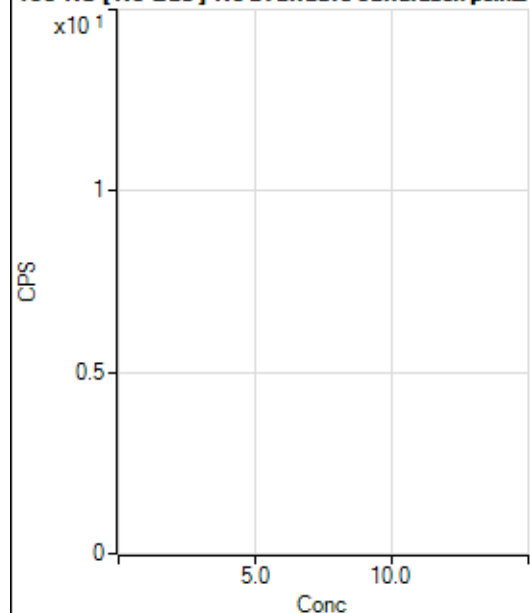
$$y = 2.7658\text{E-}004 * x + 3.8472\text{E-}006$$

$$R = 1.0000$$

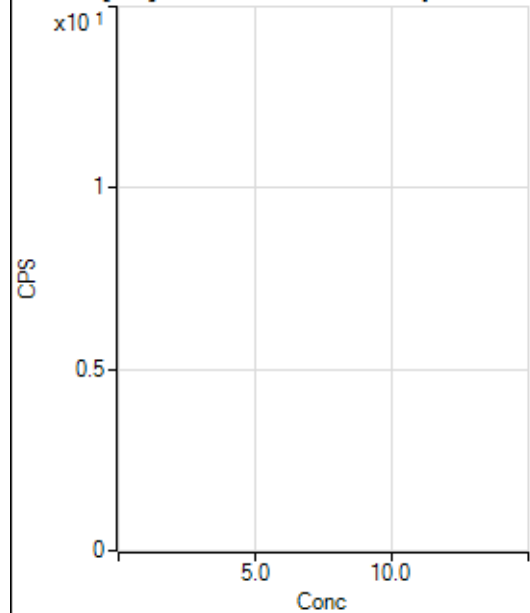
$$DL = 0.0116$$

Weight: <None>

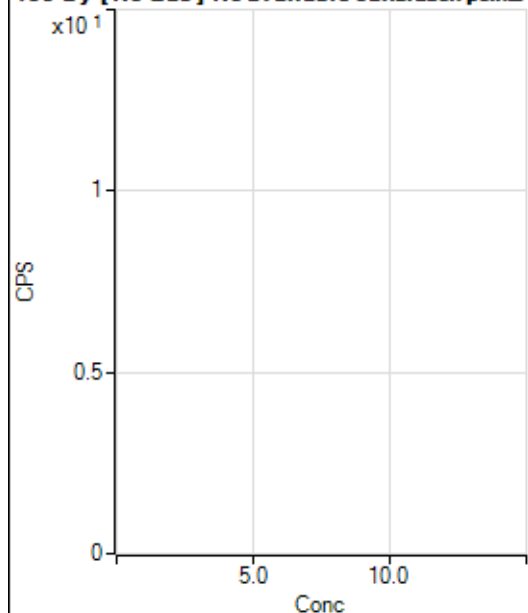
Min Conc: 0

150 Nd [No Gas] No available calibration points

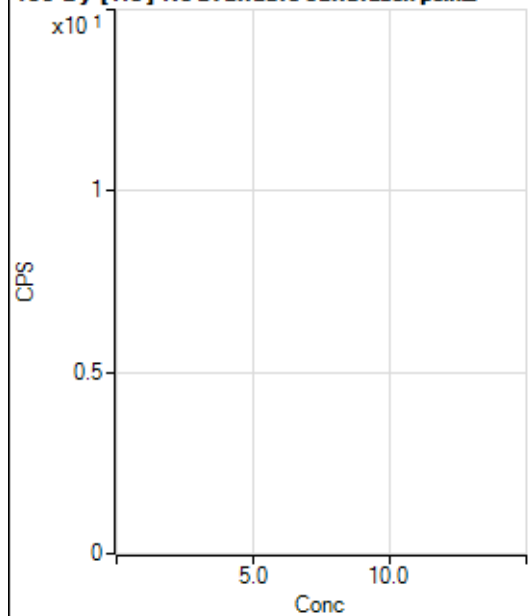
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			4.45		P	86.6
4	☐			37.78		P	36.7
5	☐			46.67		P	42.9
6	☐			117.78		P	36.8
7	☐			240.01		P	16.9
8	☐			426.69		P	20.3
9	☐			108.90		P	46.4

150 Nd [He] No available calibration points

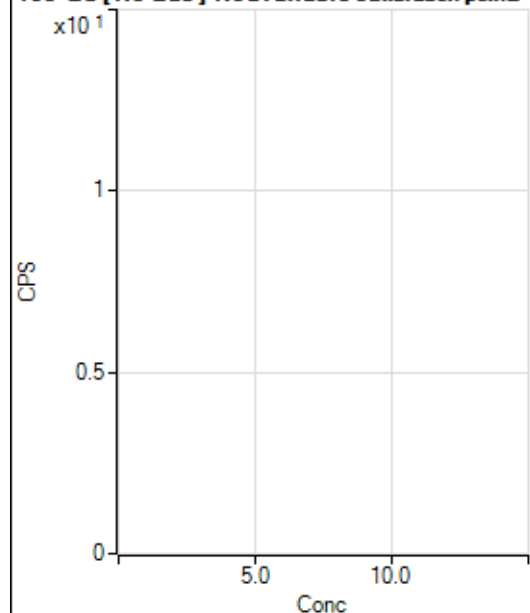
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.44		P	114.
4	☐			5.56		P	34.7
5	☐			8.89		P	21.6
6	☐			12.22		P	41.7
7	☐			47.78		P	20.1
8	☐			58.89		P	31.2
9	☐			80.00		P	8.3

156 Dy [No Gas] No available calibration points

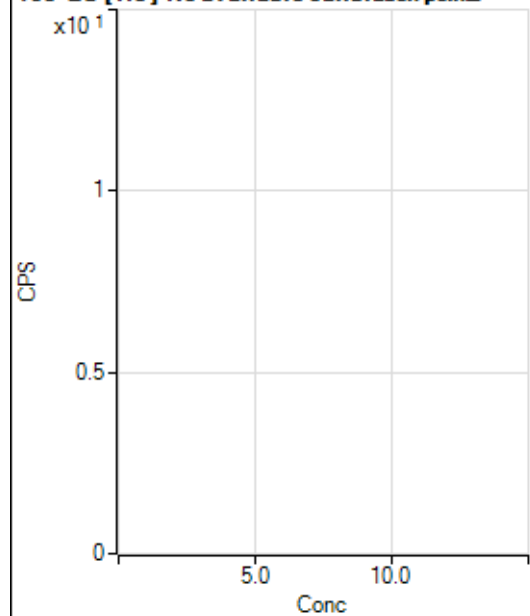
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐						
3	☐			11.11		P	86.6
4	☐			13.89		P	34.7
5	☐			25.00		P	57.7
6	☐			47.23		P	71.3
7	☐			58.34		P	14.3
8	☐			88.90		P	30.1
9	☐			80.56		P	11.9

156 Dy [He] No available calibration points

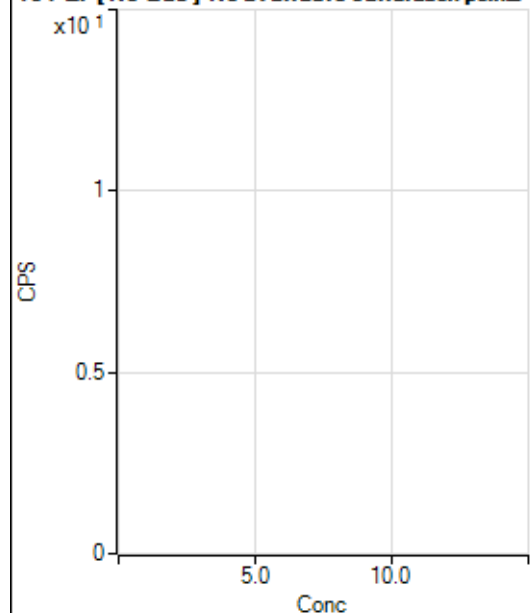
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			4.44		P	114.
4	☐			11.11		P	121.
5	☐			17.78		P	28.6
6	☐			43.33		P	35.3
7	☐			78.89		P	16.0
8	☐			165.56		P	25.3
9	☐			65.55		P	16.3

160 Gd [No Gas] Noavailable calibration poin_

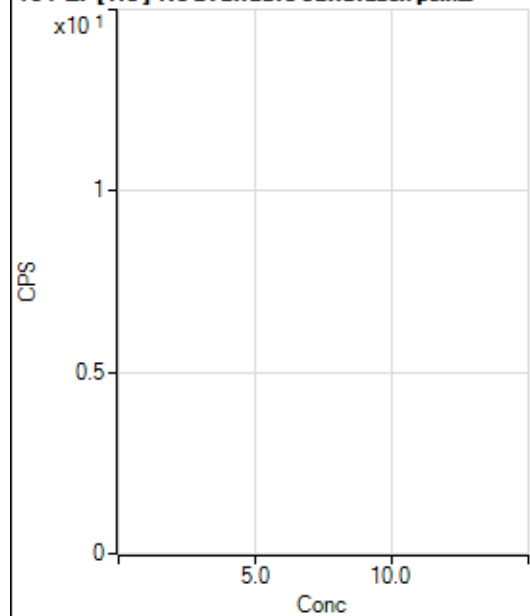
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	17.8
2	☐						
3	☐			80.56		P	23.9
4	☐			100.01		P	38.2
5	☐			91.67		P	24.1
6	☐			94.45		P	5.1
7	☐			102.79		P	20.4
8	☐			138.90		P	12.5
9	☐			155.56		P	35.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			206.68		P	14.8
2	☐						
3	☐			226.67		P	22.0
4	☐			198.89		P	22.3
5	☐			216.67		P	9.6
6	☐			202.23		P	7.8
7	☐			195.56		P	8.1
8	☐			218.89		P	8.4
9	☐			271.12		P	13.5

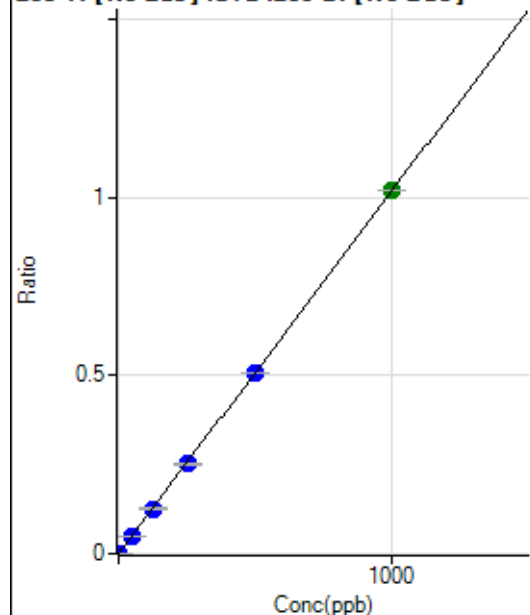
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	52.9
2	☐						
3	☐			63.89		P	15.1
4	☐			61.12		P	34.3
5	☐			58.34		P	42.9
6	☐			63.89		P	49.4
7	☐			72.22		P	6.7
8	☐			77.78		P	6.2
9	☐			72.23		P	35.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	75.5
2	☐						
3	☐			46.67		P	24.7
4	☐			22.22		P	8.7
5	☐			30.00		P	22.2
6	☐			30.00		P	22.2
7	☐			24.44		P	20.8
8	☐			36.66		P	15.7
9	☐			27.78		P	30.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.90	0.0000	P	11.0
2	☐	0.100					
3	☐	1.000	0.967	7141.11	0.0010	P	4.1
4	☐	50.000	48.158	351955.95	0.0490	P	0.8
5	☐	125.000	122.689	910062.31	0.1249	P	4.2
6	☐	250.000	247.174	1885402.15	0.2516	P	0.5
7	☐	500.000	499.249	3810306.12	0.5081	P	0.2
8	☐	1000.000	1001.463	7319782.11	1.0192	A	0.2
9	☐			2994.92	0.0005	P	7.0

$$y = 0.0010 * x + 1.2506E-005$$

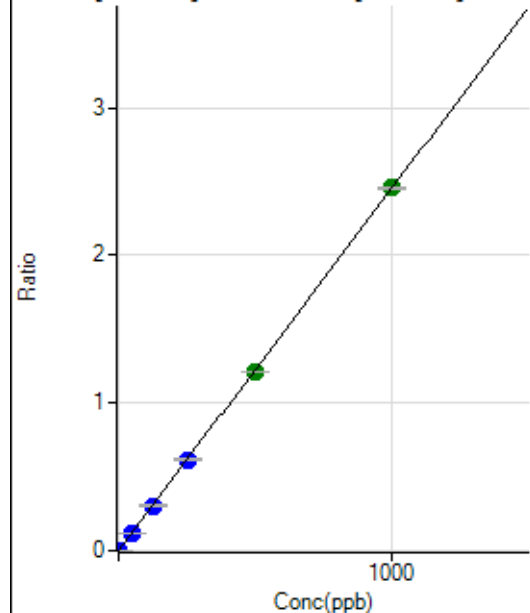
$$R = 1.0000$$

$$DL = 0.004046$$

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	225.01	0.0000	P	30.1
2	☐	0.100					
3	☐	1.000	0.958	17058.90	0.0024	P	2.3
4	☐	50.000	48.802	859551.37	0.1197	P	0.5
5	☐	125.000	124.397	2223698.62	0.3051	P	4.3
6	☐	250.000	252.209	4636046.15	0.6186	P	0.2
7	☐	500.000	494.995	9104112.88	1.2141	A	0.4
8	☐	1000.000	1002.085	17650780.08	2.4578	A	0.4
9	☐			6982.72	0.0011	P	2.6

$$y = 0.0025 * x + 3.1713E-005$$

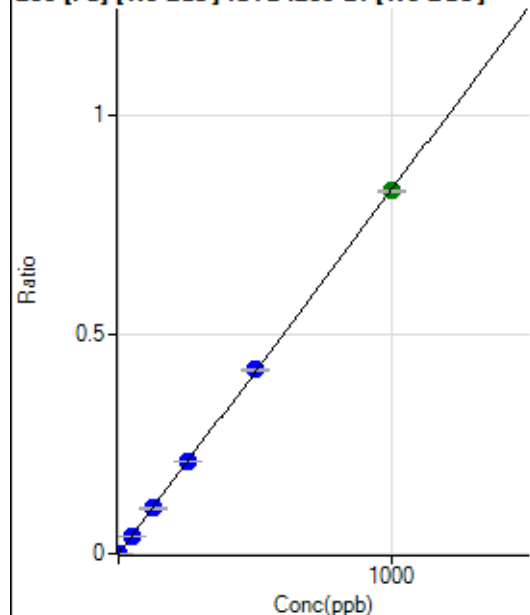
$$R = 1.0000$$

$$DL = 0.01166$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	162.97	0.0000	P	35.1
2	☐	0.100					
3	☐	1.000	0.956	5838.50	0.0008	P	4.2
4	☐	50.000	49.157	292618.15	0.0408	P	0.7
5	☐	125.000	124.945	754855.86	0.1036	P	3.8
6	☐	250.000	251.400	1561523.96	0.2084	P	0.1
7	☐	500.000	505.381	3140795.59	0.4188	P	0.8
8	☐	1000.000	997.009	5933651.81	0.8262	A	0.7
9	☐			31033.36	0.0048	P	0.8

$$y = 8.2870E-004 * x + 2.2856E-005$$

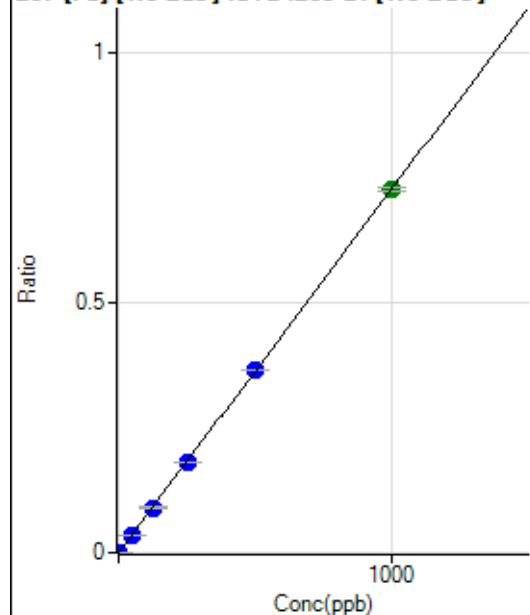
$$R = 1.0000$$

$$DL = 0.02901$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0000	P	16.3
2	☐	0.100					
3	☐	1.000	0.928	4986.26	0.0007	P	3.1
4	☐	50.000	48.406	252834.20	0.0352	P	0.8
5	☐	125.000	123.911	656838.69	0.0901	P	3.7
6	☐	250.000	249.097	1357541.43	0.1811	P	0.1
7	☐	500.000	503.857	2747418.20	0.3664	P	0.2
8	☐	1000.000	998.513	5214040.02	0.7260	A	1.0
9	☐			25276.68	0.0039	P	1.5

$$y = 7.2710E-004 * x + 2.1103E-005$$

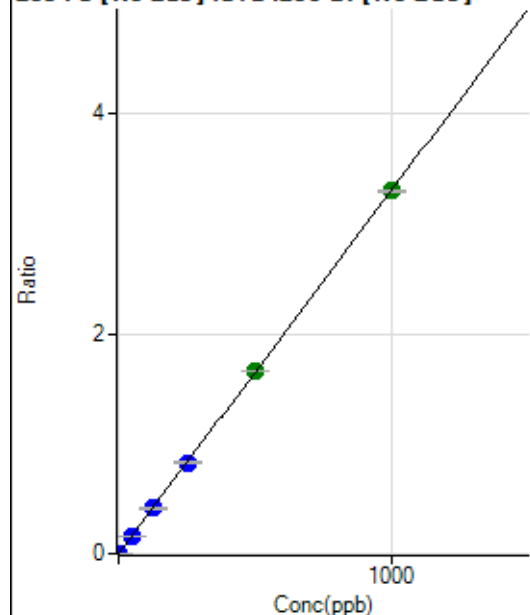
$$R = 1.0000$$

$$DL = 0.01419$$

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	766.70	0.0001	P	4.9
2	☐	0.100					
3	☐	1.000	0.942	23082.67	0.0032	P	2.3
4	☐	50.000	48.763	1157623.74	0.1612	P	0.8
5	☐	125.000	124.697	3004307.45	0.4122	P	3.6
6	☐	250.000	250.939	6215447.44	0.8293	P	0.4
7	☐	500.000	502.824	12460828.52	1.6617	A	0.5
8	☐	1000.000	998.453	23695170.93	3.2995	A	0.7
9	☐			119100.70	0.0183	P	1.2

$$y = 0.0033 * x + 1.0782E-004$$

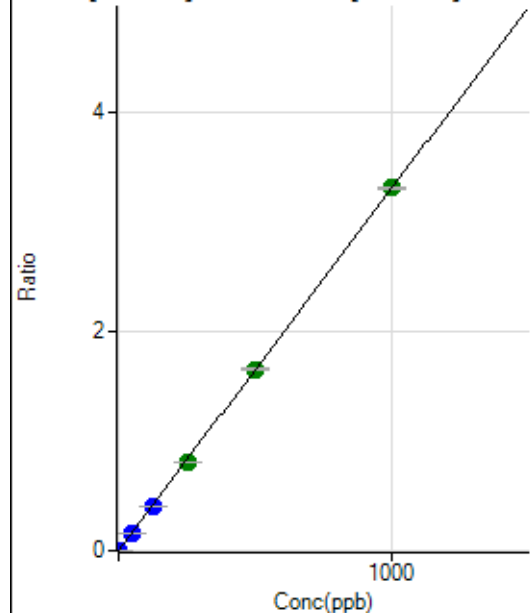
$$R = 1.0000$$

$$DL = 0.004836$$

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	86.11	0.0000	P	31.3
2	☐	0.100					
3	☐	1.000	0.924	21969.56	0.0031	P	0.9
4	☐	50.000	47.458	1126124.39	0.1569	P	0.2
5	☐	125.000	121.990	2938271.85	0.4032	P	4.1
6	☐	250.000	243.907	6041226.05	0.8061	A	0.4
7	☐	500.000	500.137	12394515.21	1.6529	A	1.2
8	☐	1000.000	1001.958	23780544.63	3.3113	A	0.3
9	☐			1194.57	0.0002	P	11.6

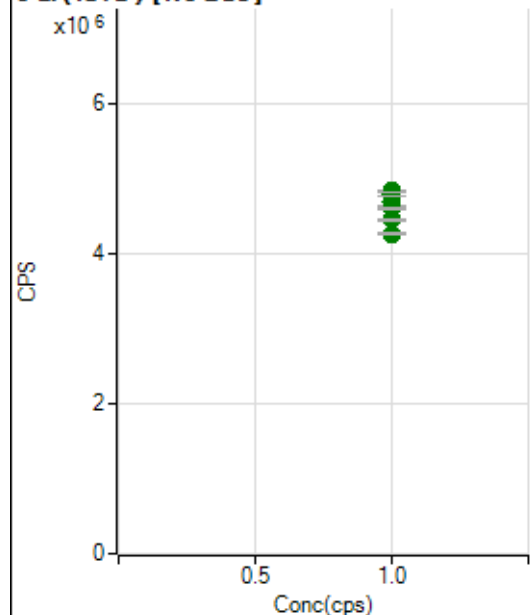
$$y = 0.0033 * x + 1.2120E-005$$

$$R = 1.0000$$

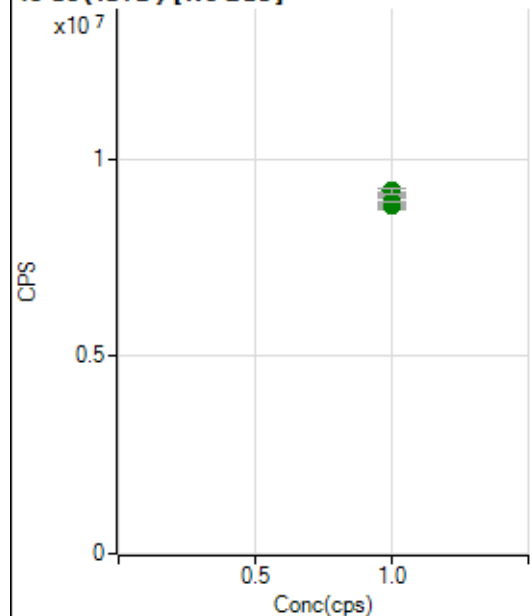
$$DL = 0.003447$$

Weight: <None>

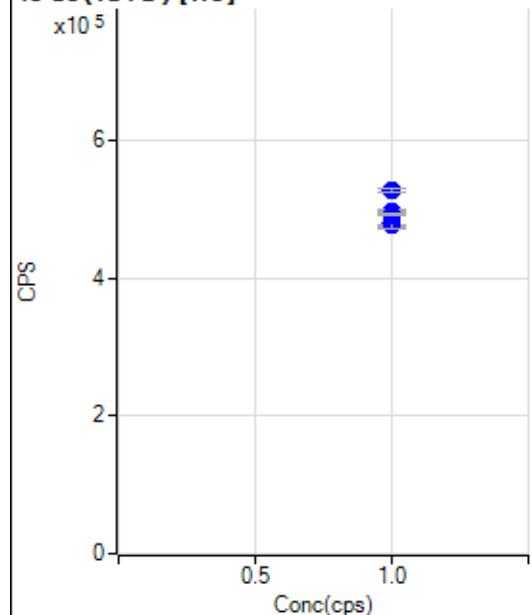
Min Conc: 0

6 Li (ISTD) [No Gas]

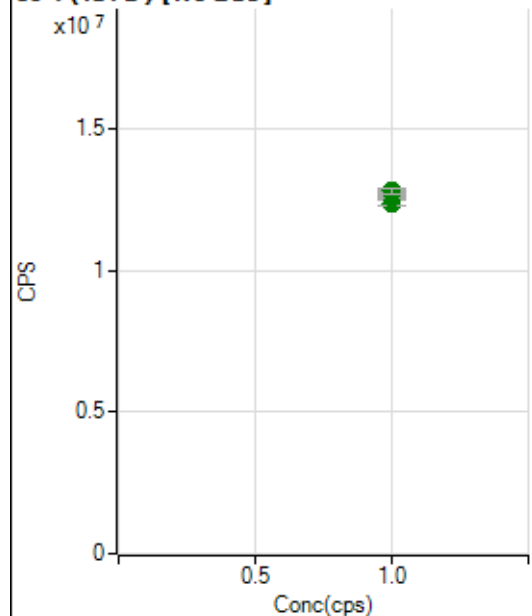
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4791307.47		A	1.5
2	☐	1.000					
3	☐	1.000		4829294.96		A	0.1
4	☐	1.000		4810031.18		A	0.1
5	☐	1.000		4690271.22		A	3.1
6	☐	1.000		4630108.33		A	0.1
7	☐	1.000		4598208.20		A	0.7
8	☐	1.000		4447895.77		A	0.4
9	☐	1.000		4259040.11		A	0.7

45 Sc (ISTD) [No Gas]

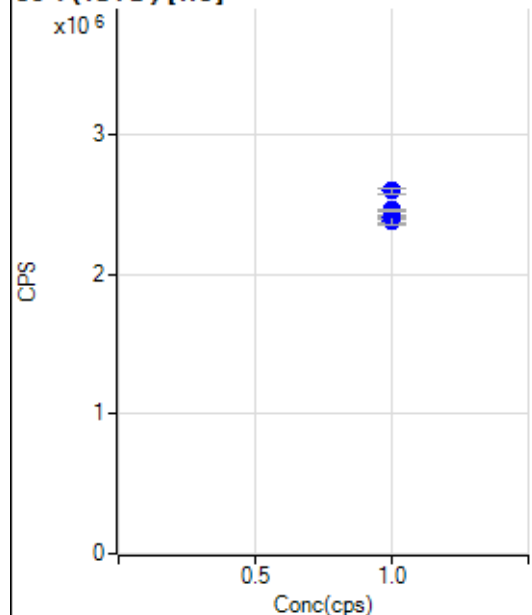
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8932010.35		A	2.2
2	☐	1.000					
3	☐	1.000		9114185.79		A	0.5
4	☐	1.000		9084985.10		A	0.4
5	☐	1.000		8892495.16		A	3.7
6	☐	1.000		8792834.31		A	0.3
7	☐	1.000		8854635.79		A	0.7
8	☐	1.000		8902987.27		A	0.2
9	☐	1.000		9190534.32		A	1.7

45 Sc (ISTD) [He]

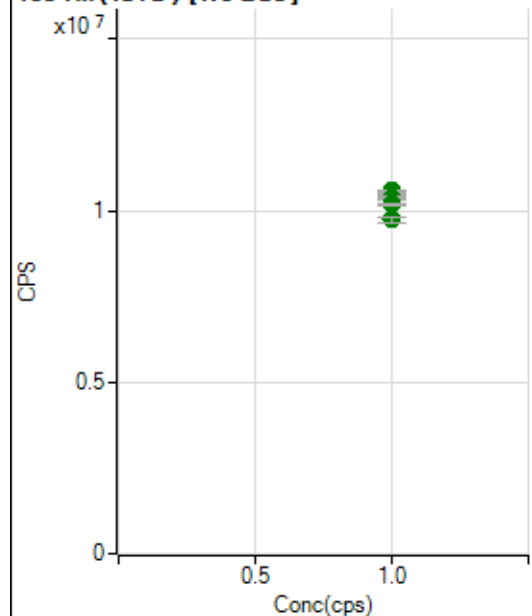
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		496706.05		P	0.3
2	☐	1.000					
3	☐	1.000		498582.36		P	0.5
4	☐	1.000		498513.23		P	0.3
5	☐	1.000		477593.56		P	0.5
6	☐	1.000		476797.14		P	0.7
7	☐	1.000		481341.49		P	4.1
8	☐	1.000		492607.18		P	0.8
9	☐	1.000		526984.66		P	1.2

89 Y (ISTD) [No Gas]

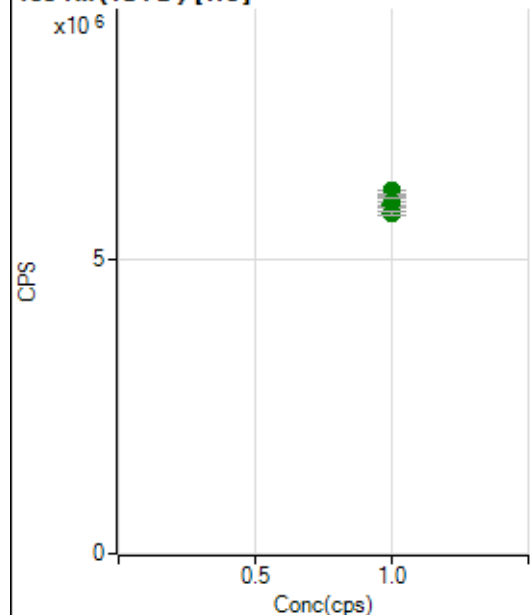
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12389276.90		A	1.7
2	☐	1.000					
3	☐	1.000		12618759.67		A	0.4
4	☐	1.000		12664789.26		A	0.2
5	☐	1.000		12574685.09		A	3.9
6	☐	1.000		12587642.87		A	0.2
7	☐	1.000		12752128.14		A	0.8
8	☐	1.000		12783086.20		A	0.1
9	☐	1.000		12828300.78		A	1.7

89 Y(ISTD) [He]

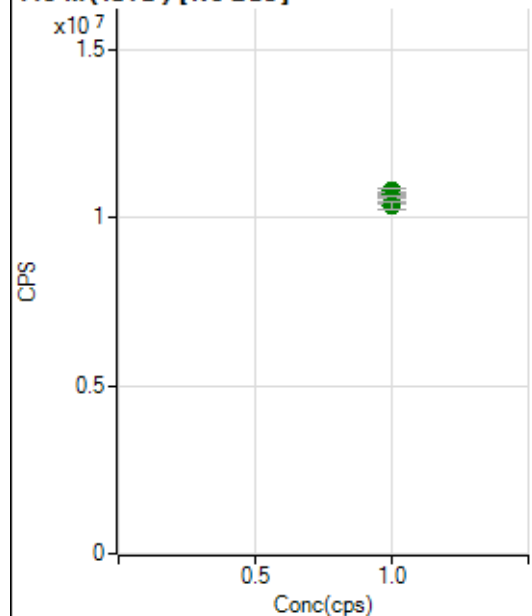
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2403033.33		P	0.4
2	☐	1.000					
3	☐	1.000		2423714.41		P	0.2
4	☐	1.000		2445696.44		P	0.0
5	☐	1.000		2399042.19		P	0.3
6	☐	1.000		2384707.79		P	1.3
7	☐	1.000		2408211.96		P	4.6
8	☐	1.000		2459988.92		P	0.5
9	☐	1.000		2593772.76		P	1.6

103 Rh(ISTD) [No Gas]

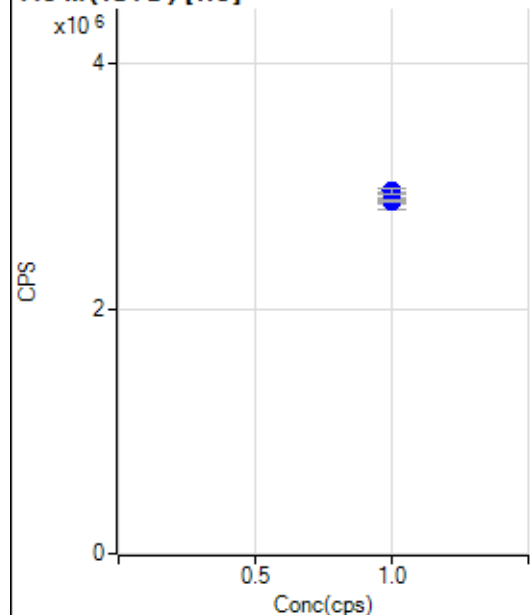
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10395354.66		A	1.7
2	☐	1.000					
3	☐	1.000		10575591.73		A	0.5
4	☐	1.000		10563510.74		A	0.3
5	☐	1.000		10397820.80		A	3.7
6	☐	1.000		10385243.64		A	0.0
7	☐	1.000		10381075.58		A	0.7
8	☐	1.000		10179557.86		A	0.3
9	☐	1.000		9735017.75		A	1.7

103 Rh (ISTD) [He]

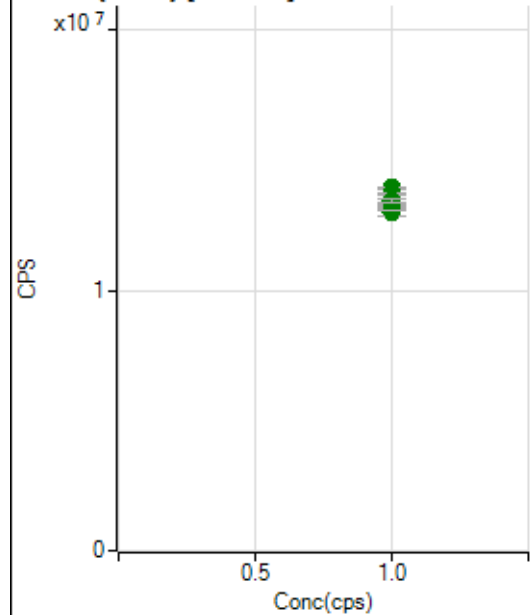
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6151921.37		A	0.1
2	☐	1.000					
3	☐	1.000		6076461.02		A	0.4
4	☐	1.000		6084484.42		A	0.3
5	☐	1.000		5971117.20		A	0.4
6	☐	1.000		5932564.22		A	1.0
7	☐	1.000		5892971.02		A	5.0
8	☐	1.000		5868666.23		A	0.5
9	☐	1.000		5777031.30		A	1.1

115 In (ISTD) [No Gas]

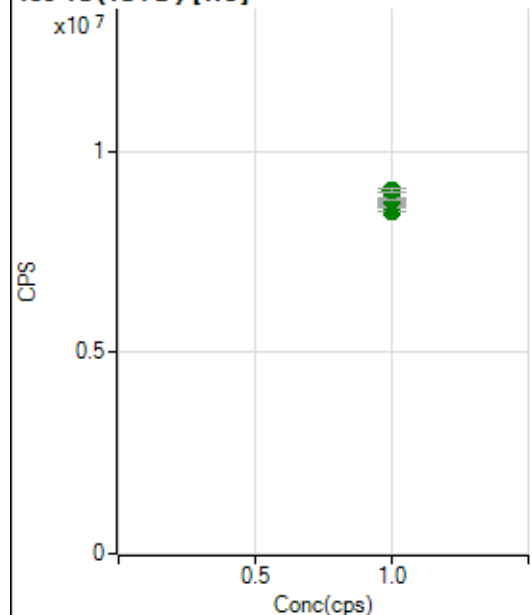
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10497576.79		A	1.7
2	☐	1.000					
3	☐	1.000		10654034.70		A	0.3
4	☐	1.000		10728596.18		A	0.6
5	☐	1.000		10674856.73		A	3.5
6	☐	1.000		10717319.95		A	0.8
7	☐	1.000		10803463.79		A	0.9
8	☐	1.000		10609869.39		A	0.3
9	☐	1.000		10348775.96		A	2.1

115 In (ISTD) [He]

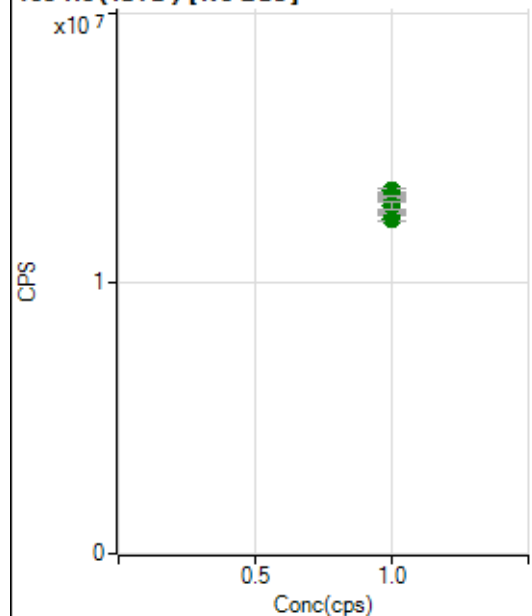
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2866259.64		P	0.4
2	☐	1.000					
3	☐	1.000		2893280.98		P	0.3
4	☐	1.000		2945060.34		P	0.3
5	☐	1.000		2883258.22		P	0.5
6	☐	1.000		2880205.66		P	1.4
7	☐	1.000		2877529.00		P	4.5
8	☐	1.000		2876496.78		P	0.6
9	☐	1.000		2961722.34		P	1.6

159 Tb (ISTD) [No Gas]

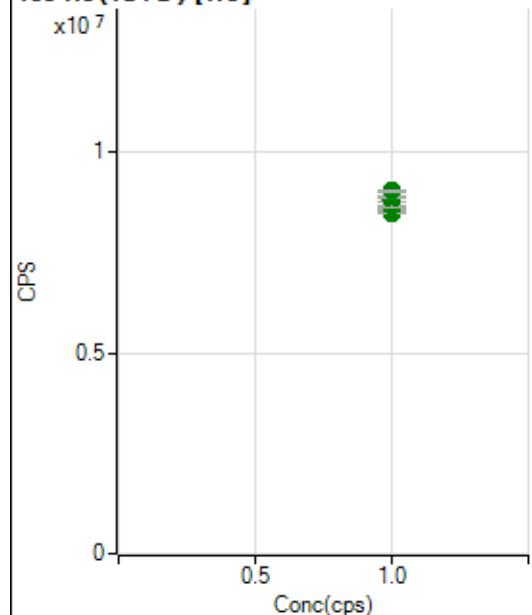
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12964517.59		A	1.7
2	☐	1.000					
3	☐	1.000		13084400.22		A	0.5
4	☐	1.000		13271558.69		A	0.5
5	☐	1.000		13367880.50		A	3.9
6	☐	1.000		13704498.69		A	0.4
7	☐	1.000		13937066.32		A	0.6
8	☐	1.000		13728499.52		A	0.4
9	☐	1.000		13456828.83		A	1.5

159 Tb (ISTD) [He]

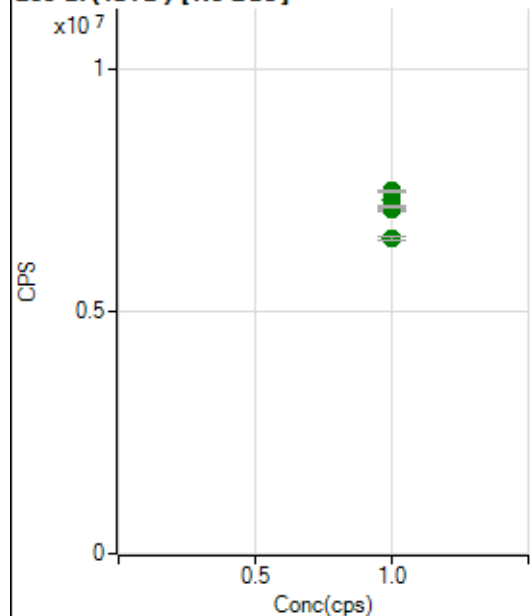
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8618591.81		A	0.2
2	☐	1.000					
3	☐	1.000		8505005.71		A	0.3
4	☐	1.000		8669450.36		A	0.3
5	☐	1.000		8661473.69		A	0.3
6	☐	1.000		8783567.44		A	1.3
7	☐	1.000		8790699.59		A	4.3
8	☐	1.000		8817857.37		A	0.5
9	☐	1.000		9021808.96		A	1.1

165 Ho (ISTD) [No Gas]

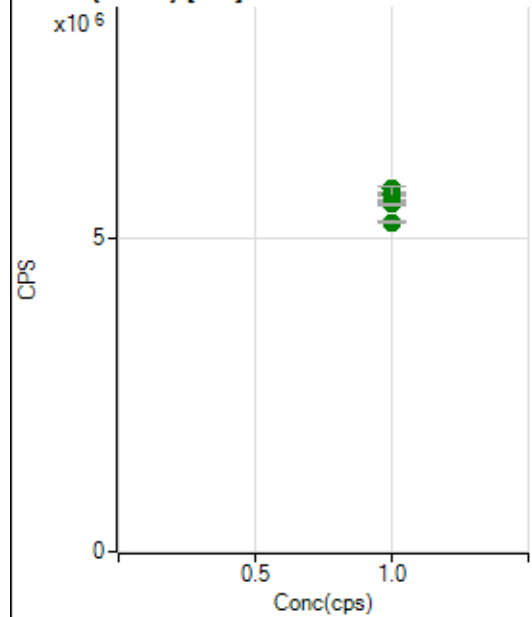
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12412422.93		A	2.0
2	☐	1.000					
3	☐	1.000		12547844.90		A	0.5
4	☐	1.000		12654558.01		A	0.6
5	☐	1.000		12850547.08		A	4.2
6	☐	1.000		13258171.91		A	0.4
7	☐	1.000		13424019.48		A	0.9
8	☐	1.000		13218099.86		A	0.6
9	☐	1.000		12892330.15		A	2.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8553553.14		A	0.2
2	☐	1.000					
3	☐	1.000		8489664.94		A	0.2
4	☐	1.000		8676426.26		A	0.1
5	☐	1.000		8658571.89		A	0.2
6	☐	1.000		8810840.29		A	1.2
7	☐	1.000		8817588.96		A	4.7
8	☐	1.000		8896275.63		A	0.8
9	☐	1.000		9043173.06		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7109695.17		A	1.3
2	☐	1.000					
3	☐	1.000		7166011.49		A	1.2
4	☐	1.000		7179538.16		A	0.9
5	☐	1.000		7296580.93		A	4.4
6	☐	1.000		7494440.58		A	0.6
7	☐	1.000		7498895.51		A	0.4
8	☐	1.000		7181648.30		A	0.6
9	☐	1.000		6514775.25		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5677576.09		A	0.4
2	☐	1.000					
3	☐	1.000		5578793.60		A	0.2
4	☐	1.000		5673125.61		A	0.5
5	☐	1.000		5680073.94		A	0.4
6	☐	1.000		5770891.65		A	1.7
7	☐	1.000		5676604.50		A	4.7
8	☐	1.000		5522137.42		A	0.6
9	☐	1.000		5235965.96		A	0.7

US EPA Tune Check Sample Report

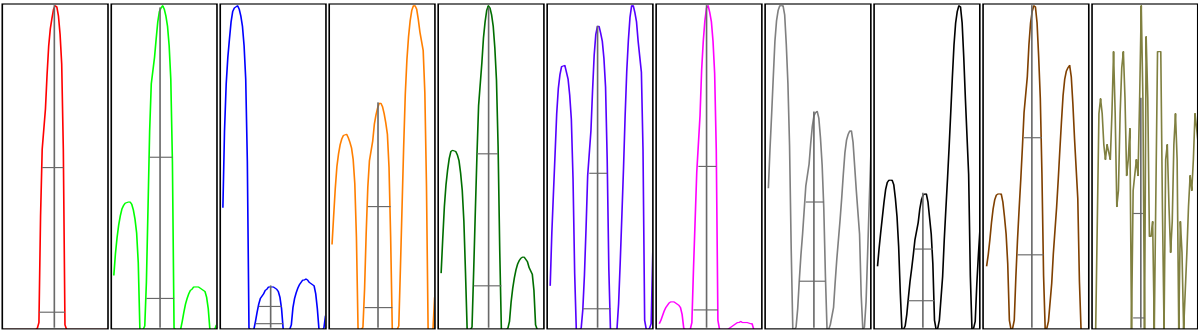
Batch Folder D:\ICP-MS Data\P7070818MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	11856	1.75	5.00	
24	175305	1.82	5.00	
25	23221	1.81	5.00	
26	27195	1.65	5.00	
59	85598	1.88	5.00	
113	8786	2.13	5.00	
115	111119	1.91	5.00	
206	24559	1.83	5.00	
207	24750	2.05	5.00	
208	52826	2.13	5.00	
220	1	26.99		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	11685	11769	11711	12186	11925
24	172474	173463	173869	180432	176286
25	22862	22948	23036	23890	23367
26	26859	26914	26945	27927	27328
59	83965	84730	85011	88085	86201
113	8600	8756	8678	9090	8808
115	109097	110294	110161	114627	111416
206	24235	24284	24307	25306	24663
207	24138	24577	24530	25434	25074
208	51601	52192	52406	54419	53512
220	1	1	0	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	20296	9.00	8.9 - 9.1		0.742	0.900	
24	274015	23.90	23.9 - 24.1		0.809	0.900	
25	36636	24.95	24.9 - 25.1		0.799	0.900	
26	42429	25.90	25.9 - 26.1		0.811	0.900	
59	145029	58.95	58.9 - 59.1		0.786	0.900	
113	16225	112.95	112.9 - 113.1		0.782	0.900	
115	207433	114.95	114.9 - 115.1		0.735	0.900	
206	43413	205.90	205.9 - 206.1		0.757	0.900	
207	39616	206.90	206.9 - 207.1		0.740	0.900	
208	94334	207.90	207.9 - 208.1		0.760	0.900	
220	1	219.90	-		0.343		

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
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.2	V	Deflect	14.0	V
Extract 2	-160.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-80	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	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	24832	1.58	
89	59374	1.58	
205	27593	1.12	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	24844	24864	25086	25186	24178
89	59472	59669	59982	60009	57740
205	27708	27716	27779	27721	27043

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.5	V	Deflect	2.4	V
Extract 2	-150.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-80	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	4.1	mL/min	OctP RF	200	V			

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:40:43	DataFile Name :	003CALB_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.12	-0.12	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.09	-0.02	0.11	0.00	N/A	ppb
Boron	11-1	0.05	0.01	-0.06	0.00	N/A	ppb
Cadmium	111-1	0.06	0.00	-0.07	0.00	N/A	ppb
Cadmium	106-1	0.84	0.12	-0.96	0.00	N/A	ppb
Cadmium	108-1	0.03	0.06	-0.09	0.00	N/A	ppb
Calcium	43-1	0.40	0.44	-0.84	0.00	N/A	ppb
Calcium	44-1	1.20	-1.09	-0.11	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.03	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	0.00	-0.02	0.02	0.00	N/A	ppb
Iron	57-2	-0.25	0.22	0.03	0.00	N/A	ppb
Lead	206-1	-0.01	0.00	0.01	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	-0.09	0.19	-0.09	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:40:43	DataFile Name :	003CALB_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	0.00	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	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-7.25	-5.98	2.81	-3.47		ppb
Potassium	39-2	-0.11	3.58	-3.47	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.73	-0.37	-0.37	0.00	N/A	ppb
Selenium	78-2	-0.11	-0.44	0.54	0.00	N/A	ppb
Selenium	82-1	-0.35	0.28	0.07	0.00	N/A	ppb
Silicon	28-1	1.28	0.17	-1.45	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.02	-0.05	0.08	0.00	N/A	ppb
Strontium	86-1	0.01	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	278.31	-25.06	-66.19	62.35	301.75	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	-0.02	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	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	0.05	-0.07	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:40:43	DataFile Name :	003CALB_P7070818MS.

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

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:49:00	DataFile Name :	005CALS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.76	20.70	19.86	20.11	2.55	ppb
Antimony	121-1	1.96	1.98	1.96	1.97	0.43	ppb
Arsenic	75-2	1.19	0.99	1.15	1.11	9.18	ppb
Barium	135-1	9.90	9.86	10.13	9.96	1.46	ppb
Barium	137-1	10.12	9.88	10.01	10.00	1.18	ppb
Beryllium	9-1	0.97	0.97	0.97	0.97	0.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	22.05	21.73	22.89	22.22	2.71	ppb
Boron	11-1	22.02	21.83	22.77	22.20	2.24	ppb
Cadmium	111-1	0.91	1.07	0.99	0.99	8.17	ppb
Cadmium	106-1	0.60	2.46	1.15	1.40	68.21	ppb
Cadmium	108-1	0.95	0.99	1.13	1.03	9.32	ppb
Calcium	43-1	487.57	466.09	456.90	470.19	3.35	ppb
Calcium	44-1	460.50	464.56	462.63	462.56	0.44	ppb
Chromium	52-2	2.06	2.16	2.08	2.10	2.58	ppb
Cobalt	59-2	1.00	1.01	0.98	0.99	1.58	ppb
Copper	63-2	2.06	2.10	2.05	2.07	1.13	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				99		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	51.15	52.12	51.40	51.56	0.97	ppb
Iron	57-2	52.59	54.95	52.49	53.34	2.61	ppb
Lead	206-1	0.92	0.95	1.00	0.96	4.30	ppb
Lead	207-1	0.90	0.93	0.96	0.93	3.16	ppb
Lead	208-1	0.92	0.93	0.97	0.94	2.41	ppb
Lithium	6-1				101		%
Magnesium	24-2	505.74	502.26	500.73	502.91	0.51	ppb
Manganese	55-2	1.00	1.03	1.02	1.02	1.26	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:49:00	DataFile Name :	005CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.76	5.17	4.75	4.89	4.84	ppb
Molybdenum	95-1	4.93	4.79	4.94	4.88	1.71	ppb
Molybdenum	96-1	4.71	4.80	4.68	4.73	1.35	ppb
Molybdenum	97-1	4.53	4.76	4.71	4.67	2.58	ppb
Molybdenum	98-1	4.79	4.88	4.95	4.87	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.07	1.01	1.05	3.83	ppb
Phosphorus	31-2	5.24	2.63	2.56	3.47	43.97	ppb
Potassium	39-2	496.60	491.47	489.47	492.52	0.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	6.86	6.12	6.48	6.49	5.72	ppb
Selenium	78-2	5.81	5.79	5.72	5.77	0.82	ppb
Selenium	82-1	6.70	5.47	5.24	5.80	13.51	ppb
Silicon	28-1	15.99	16.12	16.44	16.18	1.43	ppb
Silver	109-1	1.11	1.06	1.07	1.08	2.28	ppb
Silver	107-1	1.01	1.08	1.12	1.07	5.03	ppb
Sodium	23-2	517.60	515.70	515.78	516.36	0.21	ppb
Strontium	86-1	1.02	1.03	1.00	1.02	1.69	ppb
Strontium	88-1	0.99	1.01	0.96	0.98	2.70	ppb
Sulfur	34-1	-146.99	-86.79	46.72	-62.35		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.00	0.97	0.92	0.97	4.19	ppb
Thallium	205-1	0.94	0.95	0.98	0.96	2.32	ppb
Tin	118-1	4.83	4.89	4.97	4.90	1.43	ppb
Titanium	47-1	4.75	4.66	4.75	4.72	1.04	ppb
Uranium	238-1	0.92	0.93	0.92	0.92	0.86	ppb
Vanadium	51-2	4.82	4.77	4.73	4.77	0.98	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.05	2.39	2.13	2.19	8.13	ppb
Zirconium	90-1	0.97	0.94	0.98	0.96	2.33	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:49:00	DataFile Name :	005CALS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.94	0.88	0.92	4.05	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:52:52	DataFile Name :	006CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1013.17	993.87	999.40	1002.15	0.99	ppb
Antimony	121-1	50.17	50.21	50.34	50.24	0.18	ppb
Arsenic	75-2	50.15	50.62	51.01	50.59	0.85	ppb
Barium	135-1	253.04	249.95	251.72	251.57	0.62	ppb
Barium	137-1	254.45	250.97	252.33	252.58	0.69	ppb
Beryllium	9-1	49.87	49.58	50.25	49.90	0.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	47.12	48.03	48.57	47.91	1.53	ppb
Boron	11-1	46.90	46.66	48.36	47.30	1.95	ppb
Cadmium	111-1	52.56	52.02	52.50	52.36	0.57	ppb
Cadmium	106-1	54.39	52.40	55.72	54.17	3.08	ppb
Cadmium	108-1	51.61	53.49	54.11	53.07	2.46	ppb
Calcium	43-1	4867.78	4856.86	4796.11	4840.25	0.80	ppb
Calcium	44-1	4886.65	4893.34	4870.35	4883.44	0.24	ppb
Chromium	52-2	49.99	49.91	49.71	49.87	0.29	ppb
Cobalt	59-2	51.09	50.99	50.39	50.82	0.74	ppb
Copper	63-2	103.72	102.79	103.15	103.22	0.45	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				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	2631.21	2613.48	2600.41	2615.03	0.59	ppb
Iron	57-2	2604.57	2613.99	2579.01	2599.19	0.70	ppb
Lead	206-1	49.50	48.78	49.18	49.16	0.74	ppb
Lead	207-1	48.76	48.02	48.44	48.41	0.77	ppb
Lead	208-1	48.89	48.34	49.06	48.76	0.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	5302.19	5315.51	5237.77	5285.16	0.79	ppb
Manganese	55-2	100.23	99.32	97.83	99.13	1.22	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:52:52	DataFile Name :	006CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	248.70	248.76	249.34	248.93	0.14	ppb
Molybdenum	95-1	249.32	248.84	250.98	249.71	0.45	ppb
Molybdenum	96-1	248.54	247.98	248.35	248.29	0.12	ppb
Molybdenum	97-1	245.87	246.74	246.74	246.45	0.20	ppb
Molybdenum	98-1	248.61	248.19	249.87	248.89	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.52	51.38	51.14	51.35	0.37	ppb
Phosphorus	31-2	1002.23	1077.66	981.47	1020.46	4.96	ppb
Potassium	39-2	2499.40	2474.04	2459.65	2477.70	0.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	55.40	53.59	53.93	54.31	1.78	ppb
Selenium	78-2	49.14	52.21	51.30	50.88	3.10	ppb
Selenium	82-1	53.06	52.44	53.11	52.87	0.71	ppb
Silicon	28-1	60.30	60.42	60.21	60.31	0.18	ppb
Silver	109-1	52.52	52.37	53.16	52.68	0.80	ppb
Silver	107-1	52.62	52.81	53.03	52.82	0.40	ppb
Sodium	23-2	5322.57	5266.78	5250.72	5280.02	0.71	ppb
Strontium	86-1	49.84	48.85	49.95	49.55	1.23	ppb
Strontium	88-1	49.79	49.85	49.96	49.87	0.17	ppb
Sulfur	34-1	1244.85	1211.85	1238.57	1231.76	1.42	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	48.53	47.76	48.18	48.16	0.79	ppb
Thallium	205-1	48.91	48.53	48.96	48.80	0.48	ppb
Tin	118-1	50.56	50.12	50.51	50.40	0.48	ppb
Titanium	47-1	248.82	246.83	246.21	247.29	0.55	ppb
Uranium	238-1	47.44	47.37	47.56	47.46	0.20	ppb
Vanadium	51-2	49.47	49.38	49.21	49.35	0.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	102.71	102.99	101.43	102.38	0.81	ppb
Zirconium	90-1	49.43	49.38	49.76	49.53	0.42	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:52:52	DataFile Name :	006CALS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.05	48.54	49.06	48.89	0.61	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:57:00	DataFile Name :	007CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2535.20	2529.81	2549.34	2538.12	0.40	ppb
Antimony	121-1	132.71	123.89	126.33	127.64	3.57	ppb
Arsenic	75-2	124.69	124.97	126.06	125.24	0.58	ppb
Barium	135-1	664.34	624.94	624.03	637.77	3.61	ppb
Barium	137-1	667.20	630.50	628.11	641.94	3.41	ppb
Beryllium	9-1	130.86	123.02	124.94	126.27	3.23	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	121.77	117.37	121.87	120.34	2.14	ppb
Boron	11-1	120.96	118.68	120.14	119.93	0.97	ppb
Cadmium	111-1	137.72	127.52	128.43	131.22	4.30	ppb
Cadmium	106-1	141.45	124.17	128.66	131.43	6.82	ppb
Cadmium	108-1	135.20	126.42	130.17	130.59	3.37	ppb
Calcium	43-1	12828.31	11817.41	12131.01	12258.91	4.22	ppb
Calcium	44-1	12843.75	11877.22	12026.55	12249.17	4.25	ppb
Chromium	52-2	126.31	126.22	126.46	126.33	0.09	ppb
Cobalt	59-2	128.78	130.19	129.35	129.44	0.55	ppb
Copper	63-2	261.24	262.66	262.92	262.27	0.34	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				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	6613.73	6610.05	6578.04	6600.61	0.30	ppb
Iron	57-2	6613.39	6589.25	6602.29	6601.65	0.18	ppb
Lead	206-1	130.18	120.99	123.67	124.95	3.78	ppb
Lead	207-1	129.11	120.25	122.37	123.91	3.73	ppb
Lead	208-1	129.73	121.01	123.36	124.70	3.62	ppb
Lithium	6-1				98		%
Magnesium	24-2	13343.15	13416.37	13423.12	13394.21	0.33	ppb
Manganese	55-2	249.45	251.13	251.62	250.73	0.45	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:57:00	DataFile Name :	007CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	665.43	616.96	626.27	636.22	4.04	ppb
Molybdenum	95-1	663.58	610.28	627.10	633.65	4.30	ppb
Molybdenum	96-1	662.52	610.92	623.25	632.23	4.26	ppb
Molybdenum	97-1	664.27	611.31	617.61	631.06	4.58	ppb
Molybdenum	98-1	669.10	620.16	625.68	638.31	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.39	131.04	131.32	130.58	0.80	ppb
Phosphorus	31-2	2525.63	2581.62	2583.27	2563.51	1.28	ppb
Potassium	39-2	6219.55	6264.65	6264.05	6249.42	0.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	124.96	132.86	127.97	128.60	3.10	ppb
Selenium	78-2	125.06	129.32	122.37	125.58	2.79	ppb
Selenium	82-1	135.87	128.26	128.67	130.93	3.27	ppb
Silicon	28-1	164.56	148.53	152.35	155.15	5.40	ppb
Silver	109-1	137.01	128.42	129.27	131.57	3.60	ppb
Silver	107-1	138.48	128.36	128.51	131.78	4.40	ppb
Sodium	23-2	13277.79	13306.76	13267.27	13283.94	0.15	ppb
Strontium	86-1	130.83	120.88	121.69	124.47	4.44	ppb
Strontium	88-1	133.24	124.14	125.42	127.60	3.86	ppb
Sulfur	34-1	3203.72	2189.86	2368.00	2587.20	20.92	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	128.61	118.85	120.62	122.69	4.24	ppb
Thallium	205-1	130.33	120.11	122.75	124.40	4.26	ppb
Tin	118-1	132.44	123.09	124.46	126.66	3.99	ppb
Titanium	47-1	653.31	606.09	616.63	625.34	3.96	ppb
Uranium	238-1	127.70	118.48	119.79	121.99	4.09	ppb
Vanadium	51-2	122.80	124.94	124.11	123.95	0.87	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	259.41	262.02	262.06	261.16	0.58	ppb
Zirconium	90-1	131.35	122.03	124.47	125.95	3.84	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:57:00	DataFile Name :	007CALS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	129.99	120.25	123.73	124.66	3.96	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:00:48	DataFile Name :	008CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5073.03	4965.98	5055.55	5031.52	1.14	ppb
Antimony	121-1	253.31	252.74	253.51	253.18	0.16	ppb
Arsenic	75-2	253.95	246.95	249.34	250.08	1.42	ppb
Barium	135-1	1273.37	1268.84	1281.20	1274.47	0.49	ppb
Barium	137-1	1276.45	1277.31	1291.31	1281.69	0.65	ppb
Beryllium	9-1	251.93	253.95	252.82	252.90	0.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	237.40	246.75	246.06	243.40	2.14	ppb
Boron	11-1	238.46	241.82	243.79	241.35	1.12	ppb
Cadmium	111-1	257.46	255.75	256.62	256.61	0.33	ppb
Cadmium	106-1	260.43	261.84	256.23	259.50	1.12	ppb
Cadmium	108-1	261.28	261.14	254.99	259.14	1.38	ppb
Calcium	43-1	24353.37	24446.40	24412.65	24404.14	0.19	ppb
Calcium	44-1	24274.26	24269.96	24270.81	24271.68	0.01	ppb
Chromium	52-2	252.46	250.67	252.64	251.92	0.43	ppb
Cobalt	59-2	259.70	255.38	258.23	257.77	0.85	ppb
Copper	63-2	527.26	520.49	525.28	524.34	0.66	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				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	13211.89	13045.31	13173.30	13143.50	0.66	ppb
Iron	57-2	13250.56	13053.07	13229.35	13177.66	0.82	ppb
Lead	206-1	251.29	251.18	251.74	251.40	0.12	ppb
Lead	207-1	249.15	248.89	249.25	249.10	0.08	ppb
Lead	208-1	250.27	250.55	251.99	250.94	0.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	26541.93	26191.16	26415.60	26382.90	0.67	ppb
Manganese	55-2	500.49	497.71	505.18	501.13	0.75	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:00:48	DataFile Name :	008CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1261.80	1283.68	1241.34	1262.27	1.68	ppb
Molybdenum	95-1	1259.97	1251.72	1241.41	1251.03	0.74	ppb
Molybdenum	96-1	1255.74	1247.63	1245.11	1249.49	0.44	ppb
Molybdenum	97-1	1259.75	1264.44	1260.40	1261.53	0.20	ppb
Molybdenum	98-1	1254.57	1247.26	1249.33	1250.39	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.01	257.72	260.29	259.34	0.54	ppb
Phosphorus	31-2	5217.67	5071.73	5056.06	5115.15	1.74	ppb
Potassium	39-2	12511.61	12322.81	12509.54	12447.99	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	255.03	245.37	247.02	249.14	2.07	ppb
Selenium	78-2	254.84	245.63	255.22	251.90	2.15	ppb
Selenium	82-1	256.94	259.55	257.71	258.07	0.52	ppb
Silicon	28-1	308.42	313.47	309.34	310.41	0.87	ppb
Silver	109-1	258.53	255.84	256.55	256.97	0.54	ppb
Silver	107-1	257.78	259.91	257.09	258.26	0.57	ppb
Sodium	23-2	26391.35	26120.22	26381.51	26297.69	0.58	ppb
Strontium	86-1	251.03	250.26	250.02	250.44	0.21	ppb
Strontium	88-1	251.54	249.25	249.74	250.18	0.48	ppb
Sulfur	34-1	4951.39	4879.01	4608.34	4812.91	3.76	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	246.61	246.43	248.49	247.17	0.46	ppb
Thallium	205-1	252.86	251.87	251.90	252.21	0.22	ppb
Tin	118-1	251.11	251.86	252.99	251.99	0.37	ppb
Titanium	47-1	1254.13	1255.67	1246.95	1252.25	0.37	ppb
Uranium	238-1	243.08	244.90	243.74	243.91	0.38	ppb
Vanadium	51-2	251.09	247.34	248.74	249.06	0.76	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	518.67	514.18	516.42	516.42	0.43	ppb
Zirconium	90-1	254.55	254.68	254.05	254.43	0.13	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:00:48	DataFile Name :	008CALS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.17	250.27	248.14	250.19	0.81	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:04:33	DataFile Name :	009CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9946.76	9874.10	10414.05	10078.31	2.91	ppb
Antimony	121-1	508.49	506.25	509.72	508.15	0.35	ppb
Arsenic	75-2	502.04	495.47	532.92	510.14	3.92	ppb
Barium	135-1	2520.65	2493.24	2495.87	2503.26	0.60	ppb
Barium	137-1	2512.51	2492.68	2489.30	2498.16	0.50	ppb
Beryllium	9-1	509.00	506.55	502.82	506.12	0.61	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	491.04	495.11	503.23	496.46	1.25	ppb
Boron	11-1	485.61	492.58	502.78	493.66	1.75	ppb
Cadmium	111-1	507.90	505.40	507.11	506.80	0.25	ppb
Cadmium	106-1	508.17	497.34	509.87	505.13	1.35	ppb
Cadmium	108-1	508.07	498.32	509.11	505.17	1.18	ppb
Calcium	43-1	49005.42	49016.89	48808.56	48943.62	0.24	ppb
Calcium	44-1	49049.58	48738.52	48681.32	48823.14	0.41	ppb
Chromium	52-2	500.89	498.52	530.63	510.01	3.51	ppb
Cobalt	59-2	511.57	505.69	543.09	520.12	3.87	ppb
Copper	63-2	1029.78	1020.21	1090.11	1046.70	3.62	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				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	26128.66	25663.52	27526.87	26439.68	3.67	ppb
Iron	57-2	26200.54	25840.68	27776.86	26606.03	3.87	ppb
Lead	206-1	503.04	509.88	503.22	505.38	0.77	ppb
Lead	207-1	503.79	504.86	502.93	503.86	0.19	ppb
Lead	208-1	502.60	505.43	500.44	502.82	0.50	ppb
Lithium	6-1				96		%
Magnesium	24-2	51929.78	51261.65	54445.28	52545.57	3.19	ppb
Manganese	55-2	1000.18	989.13	1050.33	1013.21	3.22	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:04:33	DataFile Name :	009CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2524.77	2502.72	2507.94	2511.81	0.46	ppb
Molybdenum	95-1	2542.20	2504.07	2511.29	2519.19	0.80	ppb
Molybdenum	96-1	2537.27	2497.05	2514.26	2516.19	0.80	ppb
Molybdenum	97-1	2520.14	2513.61	2509.99	2514.58	0.20	ppb
Molybdenum	98-1	2540.32	2507.32	2511.88	2519.84	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.05	502.18	538.14	518.13	3.54	ppb
Phosphorus	31-2	10070.69	10160.99	10655.62	10295.77	3.06	ppb
Potassium	39-2	24618.17	24327.78	25662.82	24869.59	2.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	504.96	507.67	517.77	510.13	1.32	ppb
Selenium	78-2	494.36	498.72	542.78	511.95	5.23	ppb
Selenium	82-1	507.09	510.42	514.34	510.62	0.71	ppb
Silicon	28-1	526.18	527.55	524.02	525.92	0.34	ppb
Silver	109-1	507.59	504.19	506.84	506.21	0.35	ppb
Silver	107-1	507.56	500.49	502.48	503.51	0.72	ppb
Sodium	23-2	51960.38	51184.49	54693.29	52612.72	3.50	ppb
Strontium	86-1	505.21	501.53	498.27	501.67	0.69	ppb
Strontium	88-1	505.95	503.81	500.08	503.28	0.59	ppb
Sulfur	34-1	10011.84	9785.75	9467.52	9755.03	2.80	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	499.18	498.04	500.52	499.25	0.25	ppb
Thallium	205-1	496.44	495.94	492.60	495.00	0.42	ppb
Tin	118-1	505.45	505.08	504.84	505.13	0.06	ppb
Titanium	47-1	2547.67	2556.02	2549.93	2551.20	0.17	ppb
Uranium	238-1	506.46	499.42	494.54	500.14	1.20	ppb
Vanadium	51-2	499.46	493.61	528.12	507.06	3.64	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	1018.89	1006.99	1076.58	1034.15	3.60	ppb
Zirconium	90-1	504.71	500.17	502.94	502.61	0.45	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:04:33	DataFile Name :	009CALS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.84	500.14	505.16	502.71	0.50	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:08:17	DataFile Name :	010CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19703.43	19734.42	19546.57	19661.47	0.51	ppb
Antimony	121-1	989.07	997.63	997.65	994.78	0.50	ppb
Arsenic	75-2	996.96	988.28	999.29	994.85	0.58	ppb
Barium	135-1	4955.14	5024.43	4992.18	4990.58	0.69	ppb
Barium	137-1	4961.59	5022.41	4988.25	4990.75	0.61	ppb
Beryllium	9-1	998.23	993.17	996.78	996.06	0.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	991.14	1001.95	1019.44	1004.18	1.42	ppb
Boron	11-1	991.73	1004.46	1022.32	1006.17	1.53	ppb
Cadmium	111-1	978.29	1005.26	998.60	994.05	1.41	ppb
Cadmium	106-1	975.55	995.63	1010.96	994.05	1.79	ppb
Cadmium	108-1	988.24	999.73	994.87	994.28	0.58	ppb
Calcium	43-1	97620.81	97329.17	98434.77	97794.91	0.59	ppb
Calcium	44-1	96990.13	96856.09	96746.58	96864.27	0.13	ppb
Chromium	52-2	1004.42	988.85	989.79	994.35	0.88	ppb
Cobalt	59-2	995.66	988.00	978.55	987.40	0.87	ppb
Copper	63-2	1985.58	1959.21	1961.82	1968.87	0.74	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				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	51559.80	51421.18	51282.95	51421.31	0.27	ppb
Iron	57-2	52311.36	52305.84	51878.52	52165.24	0.48	ppb
Lead	206-1	1004.61	989.90	996.52	997.01	0.74	ppb
Lead	207-1	1008.55	988.75	998.24	998.51	0.99	ppb
Lead	208-1	1006.33	994.03	995.00	998.45	0.68	ppb
Lithium	6-1				93		%
Magnesium	24-2	101406.43	100814.84	100148.86	100790.04	0.62	ppb
Manganese	55-2	2000.47	1984.20	1994.52	1993.06	0.41	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:08:17	DataFile Name :	010CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4976.24	4986.84	5005.95	4989.68	0.30	ppb
Molybdenum	95-1	4963.01	4994.82	5009.41	4989.08	0.48	ppb
Molybdenum	96-1	4983.53	4984.10	5006.00	4991.21	0.26	ppb
Molybdenum	97-1	4962.37	4976.67	5028.70	4989.25	0.70	ppb
Molybdenum	98-1	4972.41	4986.76	5005.96	4988.37	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.50	983.46	987.56	987.84	0.46	ppb
Phosphorus	31-2	20177.19	19856.98	19408.93	19814.37	1.95	ppb
Potassium	39-2	48873.59	48640.48	48728.40	48747.49	0.24	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	996.76	951.87	1034.80	994.48	4.17	ppb
Selenium	78-2	995.83	987.18	997.27	993.43	0.55	ppb
Selenium	82-1	988.45	995.22	991.68	991.79	0.34	ppb
Silicon	28-1	964.83	969.82	968.12	967.59	0.26	ppb
Silver	109-1	987.45	1002.64	992.50	994.20	0.78	ppb
Silver	107-1	990.64	995.26	999.68	995.19	0.45	ppb
Sodium	23-2	101960.82	101135.85	100769.19	101288.62	0.60	ppb
Strontium	86-1	992.62	1001.76	1003.06	999.15	0.57	ppb
Strontium	88-1	998.78	998.98	996.23	998.00	0.15	ppb
Sulfur	34-1	20110.73	20138.70	20190.87	20146.77	0.20	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1002.83	999.75	1001.81	1001.46	0.16	ppb
Thallium	205-1	1004.07	997.44	1004.74	1002.09	0.40	ppb
Tin	118-1	992.14	997.44	1000.55	996.71	0.43	ppb
Titanium	47-1	4967.36	4963.20	4991.23	4973.93	0.30	ppb
Uranium	238-1	1005.65	1000.30	999.93	1001.96	0.32	ppb
Vanadium	51-2	1004.15	994.06	992.40	996.87	0.64	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1987.39	1980.48	1964.04	1977.30	0.61	ppb
Zirconium	90-1	994.19	994.51	1003.79	997.49	0.55	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:08:17	DataFile Name :	010CALS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	996.09	996.29	1003.71	998.69	0.44	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:19:26	DataFile Name :	012CALS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100754.59	100178.53	99238.86	100057.32	0.76	ppb
Antimony	121-1	1.36	1.30	1.28	1.31	3.20	ppb
Arsenic	75-2	1.59	1.54	1.49	1.54	3.51	ppb
Barium	135-1	0.60	0.67	0.55	0.61	9.99	ppb
Barium	137-1	0.66	0.61	0.61	0.63	4.55	ppb
Beryllium	9-1	0.11	0.08	0.09	0.09	14.94	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	26.93	26.83	26.44	26.73	0.97	ppb
Boron	11-1	27.70	26.60	24.62	26.30	5.93	ppb
Cadmium	111-1	0.12	0.22	0.12	0.15	37.39	ppb
Cadmium	106-1	-0.54	0.61	-1.30	-0.41		ppb
Cadmium	108-1	0.11	0.13	0.05	0.10	45.97	ppb
Calcium	43-1	508934.67	504852.47	487965.16	500584.10	2.22	ppb
Calcium	44-1	508052.30	503941.01	490372.86	500788.72	1.85	ppb
Chromium	52-2	36.22	36.00	35.82	36.01	0.56	ppb
Cobalt	59-2	11.77	11.79	11.68	11.75	0.54	ppb
Copper	63-2	2.97	3.01	3.03	3.00	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				104		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	251156.95	249751.64	247680.44	249529.68	0.70	ppb
Iron	57-2	249666.94	250754.62	247666.48	249362.68	0.63	ppb
Lead	206-1	5.70	5.69	5.77	5.72	0.81	ppb
Lead	207-1	5.32	5.38	5.22	5.31	1.51	ppb
Lead	208-1	5.56	5.50	5.43	5.50	1.18	ppb
Lithium	6-1				89		%
Magnesium	24-2	499756.00	503723.30	494999.94	499493.08	0.87	ppb
Manganese	55-2	9.38	9.33	9.35	9.35	0.27	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:19:26	DataFile Name :	012CAL5_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.55	5.29	5.11	5.32	4.14	ppb
Molybdenum	95-1	7.53	7.51	7.19	7.41	2.55	ppb
Molybdenum	96-1	7.98	8.13	7.77	7.96	2.30	ppb
Molybdenum	97-1	7.31	7.50	7.21	7.34	1.97	ppb
Molybdenum	98-1	7.34	6.98	6.98	7.10	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.56	29.88	29.73	29.72	0.54	ppb
Phosphorus	31-2	11.52	23.88	10.33	15.25	49.22	ppb
Potassium	39-2	251919.30	250707.42	248172.47	250266.40	0.76	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	1.00	0.65	-0.03	0.54	97.90	ppb
Selenium	78-2	0.46	1.00	-0.02	0.48	105.97	ppb
Selenium	82-1	2.10	1.77	2.45	2.11	16.03	ppb
Silicon	28-1	16.53	18.42	17.15	17.37	5.54	ppb
Silver	109-1	0.08	0.07	0.08	0.08	9.91	ppb
Silver	107-1	0.07	0.08	0.07	0.07	10.66	ppb
Sodium	23-2	504130.07	501090.25	492960.79	499393.70	1.16	ppb
Strontium	86-1	4.26	4.18	4.24	4.22	1.03	ppb
Strontium	88-1	4.47	4.47	4.31	4.42	2.05	ppb
Sulfur	34-1	-2552.15	-2506.93	-2571.00	-2543.36		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.43	0.48	0.42	0.44	7.15	ppb
Thallium	205-1	0.41	0.42	0.44	0.42	2.67	ppb
Tin	118-1	2.15	2.02	2.06	2.08	3.29	ppb
Titanium	47-1	2.27	2.08	2.18	2.18	4.19	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	12.46	ppb
Vanadium	51-2	0.27	0.29	0.31	0.29	5.94	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	12.71	12.67	12.73	12.70	0.25	ppb
Zirconium	90-1	0.16	0.15	0.15	0.15	3.83	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:19:26	DataFile Name :	012CALS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.14	0.15	0.15	7.66	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:25:38	DataFile Name :	013ICV01_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.43	476.48	472.03	472.98	0.66	ppb
Antimony	121-1	195.69	196.31	196.55	196.18	0.23	ppb
Arsenic	75-2	195.61	196.82	193.89	195.44	0.75	ppb
Barium	135-1	99.74	100.71	100.44	100.29	0.50	ppb
Barium	137-1	99.65	101.34	100.80	100.60	0.86	ppb
Beryllium	9-1	95.65	96.48	97.63	96.59	1.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	458.39	488.44	490.42	479.09	3.75	ppb
Boron	11-1	454.00	479.72	493.03	475.58	4.17	ppb
Cadmium	111-1	103.84	105.60	104.78	104.74	0.84	ppb
Cadmium	106-1	158.12	162.45	159.10	159.89	1.42	ppb
Cadmium	108-1	128.73	133.41	135.08	132.41	2.49	ppb
Calcium	43-1	2126.81	2184.31	2187.52	2166.21	1.58	ppb
Calcium	44-1	2024.71	2048.32	2046.74	2039.92	0.65	ppb
Chromium	52-2	94.55	94.95	93.98	94.50	0.52	ppb
Cobalt	59-2	98.27	99.28	97.70	98.42	0.81	ppb
Copper	63-2	101.25	100.91	100.45	100.87	0.40	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				106		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	1026.13	1028.44	1015.47	1023.34	0.68	ppb
Iron	57-2	1043.18	1037.57	1018.52	1033.09	1.25	ppb
Lead	206-1	193.03	194.97	196.72	194.91	0.95	ppb
Lead	207-1	183.20	183.98	187.05	184.75	1.10	ppb
Lead	208-1	187.32	189.01	190.99	189.11	0.97	ppb
Lithium	6-1				95		%
Magnesium	24-2	1168.85	1178.28	1170.56	1172.56	0.43	ppb
Manganese	55-2	96.60	96.83	95.58	96.34	0.69	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:25:38	DataFile Name :	013ICV01_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1099.60	1117.97	1119.44	1112.34	0.99	ppb
Molybdenum	95-1	499.83	507.33	509.38	505.51	0.99	ppb
Molybdenum	96-1	565.06	577.37	585.60	576.01	1.79	ppb
Molybdenum	97-1	490.73	501.59	501.98	498.10	1.28	ppb
Molybdenum	98-1	498.10	505.50	506.96	503.52	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.59	99.86	98.56	99.34	0.69	ppb
Phosphorus	31-2	1.80	-13.64	8.83	-1.00		ppb
Potassium	39-2	1968.04	1973.09	1948.96	1963.36	0.65	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	192.34	209.04	194.80	198.73	4.54	ppb
Selenium	78-2	204.80	204.23	204.20	204.41	0.17	ppb
Selenium	82-1	199.11	206.25	206.66	204.01	2.08	ppb
Silicon	28-1	-8.99	-7.37	-7.17	-7.84		ppb
Silver	109-1	101.92	103.69	103.00	102.87	0.87	ppb
Silver	107-1	102.91	104.92	104.36	104.06	1.00	ppb
Sodium	23-2	1995.41	2021.34	1987.93	2001.56	0.88	ppb
Strontium	86-1	479.12	484.66	487.20	483.66	0.85	ppb
Strontium	88-1	481.77	489.75	488.58	486.70	0.89	ppb
Sulfur	34-1	-2403.07	-2157.37	-2257.99	-2272.81		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	190.06	194.47	196.58	193.70	1.72	ppb
Thallium	205-1	194.78	196.37	200.02	197.06	1.37	ppb
Tin	118-1	506.22	510.85	514.95	510.68	0.86	ppb
Titanium	47-1	479.20	485.19	485.42	483.27	0.73	ppb
Uranium	238-1	452.93	453.64	461.54	456.04	1.05	ppb
Vanadium	51-2	94.69	95.09	92.98	94.25	1.19	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	203.37	203.54	200.74	202.55	0.78	ppb
Zirconium	90-1	481.83	488.34	486.06	485.41	0.68	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:25:38	DataFile Name :	013ICV01_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	476.66	486.39	483.83	482.30	1.05	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:31:54	DataFile Name :	014CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.69	0.20	0.52	0.47	53.89	ppb
Antimony	121-1	0.14	0.14	0.14	0.14	1.56	ppb
Arsenic	75-2	0.01	0.03	0.03	0.02	51.39	ppb
Barium	135-1	0.02	0.01	0.02	0.02	22.38	ppb
Barium	137-1	0.01	0.01	0.01	0.01	23.73	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	29.04	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	16.58	15.23	16.55	16.12	4.79	ppb
Boron	11-1	16.94	15.15	15.99	16.03	5.60	ppb
Cadmium	111-1	0.18	0.06	-0.07	0.06	215.81	ppb
Cadmium	106-1	2.55	0.84	-1.09	0.77	238.22	ppb
Cadmium	108-1	0.05	-0.09	-0.01	-0.01		ppb
Calcium	43-1	3.45	1.75	1.19	2.13	55.10	ppb
Calcium	44-1	11.48	12.26	9.91	11.22	10.65	ppb
Chromium	52-2	-0.01	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	98.33	ppb
Copper	63-2	0.03	0.06	0.03	0.04	37.64	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				104		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				112		%
Iron	56-2	1.36	1.22	1.31	1.30	5.31	ppb
Iron	57-2	0.73	0.66	0.64	0.68	7.28	ppb
Lead	206-1	0.06	0.04	0.06	0.05	18.71	ppb
Lead	207-1	0.05	0.05	0.04	0.05	8.34	ppb
Lead	208-1	0.06	0.05	0.05	0.05	9.21	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.32	2.56	3.30	2.72	18.68	ppb
Manganese	55-2	0.00	0.01	0.01	0.01	51.20	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:31:54	DataFile Name :	014CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.15	0.16	0.15	3.93	ppb
Molybdenum	95-1	0.09	0.07	0.07	0.08	15.31	ppb
Molybdenum	96-1	0.09	0.08	0.07	0.08	16.23	ppb
Molybdenum	97-1	0.11	0.09	0.07	0.09	19.67	ppb
Molybdenum	98-1	0.09	0.07	0.09	0.08	11.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.02	0.00	928.97	ppb
Phosphorus	31-2	-8.40	-5.14	-0.77	-4.77		ppb
Potassium	39-2	5.07	7.04	5.84	5.98	16.60	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	77-2	-0.37	-0.04	-0.37	-0.26		ppb
Selenium	78-2	-0.21	0.34	-0.41	-0.09		ppb
Selenium	82-1	1.81	2.68	3.59	2.70	33.03	ppb
Silicon	28-1	-8.68	-9.48	-10.41	-9.52		ppb
Silver	109-1	0.02	0.01	0.01	0.01	36.70	ppb
Silver	107-1	0.02	0.01	0.01	0.02	55.69	ppb
Sodium	23-2	23.40	26.89	24.00	24.77	7.53	ppb
Strontium	86-1	0.06	0.05	0.05	0.05	17.40	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	6.38	ppb
Sulfur	34-1	-2073.95	-2148.55	-2310.53	-2177.68		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.03	0.03	0.03	14.28	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	11.60	ppb
Tin	118-1	0.11	0.10	0.09	0.10	9.68	ppb
Titanium	47-1	0.02	0.03	0.03	0.03	23.15	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	17.40	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	83.64	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	0.05	0.06	-0.02	0.03	139.50	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	10.64	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:31:54	DataFile Name :	014CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.07	0.06	14.02	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:35:28	DataFile Name :	015ICSA01_P7070818M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89171.85	89449.72	89409.91	89343.83	0.17	ppb
Antimony	121-1	1.32	1.18	1.33	1.28	6.60	ppb
Arsenic	75-2	0.31	0.37	0.33	0.34	8.73	ppb
Barium	135-1	1.54	1.54	1.59	1.55	2.02	ppb
Barium	137-1	1.51	1.42	1.50	1.48	3.06	ppb
Beryllium	9-1	0.32	0.32	0.28	0.31	6.60	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	15.40	13.58	13.85	14.28	6.88	ppb
Boron	11-1	14.60	13.53	13.04	13.73	5.82	ppb
Cadmium	111-1	0.39	0.23	0.46	0.36	32.45	ppb
Cadmium	106-1	0.16	-0.72	0.57	0.01	12459.64	ppb
Cadmium	108-1	10.25	9.91	9.52	9.89	3.69	ppb
Calcium	43-1	98566.60	92164.97	93620.90	94784.16	3.54	ppb
Calcium	44-1	98936.35	92567.31	94001.48	95168.38	3.51	ppb
Chromium	52-2	18.48	18.65	18.82	18.65	0.92	ppb
Cobalt	59-2	1.13	1.11	1.11	1.11	0.96	ppb
Copper	63-2	7.53	7.56	7.65	7.58	0.87	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				105		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	99677.29	99958.77	99995.85	99877.30	0.17	ppb
Iron	57-2	99729.83	99852.35	99530.99	99704.39	0.16	ppb
Lead	206-1	4.87	4.45	4.44	4.59	5.38	ppb
Lead	207-1	4.07	4.00	3.92	4.00	1.90	ppb
Lead	208-1	4.40	4.16	4.11	4.22	3.75	ppb
Lithium	6-1				94		%
Magnesium	24-2	95343.66	95349.58	95503.02	95398.75	0.09	ppb
Manganese	55-2	7.55	7.69	7.67	7.64	0.96	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:35:28	DataFile Name :	015ICSA01_P7070818M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1390.99	1288.92	1317.68	1332.53	3.95	ppb
Molybdenum	95-1	1985.77	1867.60	1907.23	1920.20	3.13	ppb
Molybdenum	96-1	1910.60	1782.20	1842.04	1844.95	3.48	ppb
Molybdenum	97-1	1995.48	1851.25	1921.55	1922.76	3.75	ppb
Molybdenum	98-1	1997.53	1856.68	1898.63	1917.61	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.97	5.24	5.11	5.11	2.64	ppb
Phosphorus	31-2	95966.52	96964.45	95954.73	96295.23	0.60	ppb
Potassium	39-2	97350.13	97586.28	97914.12	97616.84	0.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	-0.03	0.64	-0.37	0.08	625.55	ppb
Selenium	78-2	0.00	0.15	-0.63	-0.16		ppb
Selenium	82-1	3.77	2.72	2.67	3.05	20.31	ppb
Silicon	28-1	21.87	17.21	17.97	19.02	13.14	ppb
Silver	109-1	0.07	0.08	0.10	0.08	15.28	ppb
Silver	107-1	0.07	0.09	0.09	0.08	9.86	ppb
Sodium	23-2	98905.47	98478.60	99155.02	98846.36	0.35	ppb
Strontium	86-1	33.75	31.69	32.11	32.52	3.35	ppb
Strontium	88-1	34.53	32.40	32.87	33.27	3.36	ppb
Sulfur	34-1	89832.80	82301.20	84091.04	85408.35	4.61	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.13	0.13	0.13	2.47	ppb
Thallium	205-1	0.14	0.13	0.14	0.14	6.74	ppb
Tin	118-1	0.23	0.20	0.18	0.20	13.21	ppb
Titanium	47-1	2034.25	1916.63	1940.50	1963.80	3.17	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	15.76	ppb
Vanadium	51-2	0.17	0.15	0.14	0.15	7.12	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	10.97	11.14	11.29	11.13	1.42	ppb
Zirconium	90-1	0.12	0.10	0.09	0.10	12.06	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:35:28	DataFile Name :	015ICSA01_P7070818M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.08	0.11	0.10	19.50	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:39:02	DataFile Name :	016ICSB_P7070818MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89434.40	89259.08	89533.58	89409.02	0.16	ppb
Antimony	121-1	20.89	21.15	21.06	21.03	0.64	ppb
Arsenic	75-2	19.50	19.58	20.01	19.70	1.40	ppb
Barium	135-1	22.10	21.65	21.68	21.81	1.15	ppb
Barium	137-1	21.88	21.60	21.41	21.63	1.08	ppb
Beryllium	9-1	19.28	19.81	19.52	19.54	1.36	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	62.63	65.61	65.34	64.52	2.55	ppb
Boron	11-1	63.86	64.53	64.83	64.41	0.77	ppb
Cadmium	111-1	20.41	20.30	20.39	20.37	0.28	ppb
Cadmium	106-1	23.23	24.36	23.34	23.64	2.63	ppb
Cadmium	108-1	30.93	31.29	32.06	31.43	1.83	ppb
Calcium	43-1	93035.21	93026.61	94464.12	93508.65	0.88	ppb
Calcium	44-1	93377.79	93221.00	94149.34	93582.71	0.53	ppb
Chromium	52-2	38.90	38.30	39.14	38.78	1.12	ppb
Cobalt	59-2	20.21	20.08	20.45	20.25	0.94	ppb
Copper	63-2	27.02	26.99	27.47	27.16	0.99	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				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	100206.16	99757.43	100618.86	100194.15	0.43	ppb
Iron	57-2	100323.07	99519.46	100539.28	100127.27	0.54	ppb
Lead	206-1	24.66	24.89	24.73	24.76	0.47	ppb
Lead	207-1	22.27	22.86	22.77	22.64	1.40	ppb
Lead	208-1	22.99	23.59	23.40	23.33	1.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	96331.38	94969.80	95777.82	95693.00	0.72	ppb
Manganese	55-2	27.19	27.15	26.97	27.11	0.43	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:39:02	DataFile Name :	016ICSB_P7070818MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1435.69	1417.50	1440.30	1431.16	0.84	ppb
Molybdenum	95-1	1943.39	1928.73	1957.53	1943.22	0.74	ppb
Molybdenum	96-1	1873.66	1865.36	1887.61	1875.54	0.60	ppb
Molybdenum	97-1	1939.96	1926.85	1955.91	1940.91	0.75	ppb
Molybdenum	98-1	1932.81	1937.07	1959.77	1943.22	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.92	24.52	24.56	24.67	0.88	ppb
Phosphorus	31-2	96619.68	95830.23	96766.99	96405.63	0.52	ppb
Potassium	39-2	98134.10	97865.58	98737.23	98245.64	0.45	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	18.63	19.34	18.31	18.76	2.83	ppb
Selenium	78-2	18.10	20.44	18.95	19.17	6.17	ppb
Selenium	82-1	21.37	22.50	21.39	21.75	2.97	ppb
Silicon	28-1	76.17	76.10	78.31	76.86	1.63	ppb
Silver	109-1	19.39	19.57	19.36	19.44	0.57	ppb
Silver	107-1	19.35	19.67	19.57	19.53	0.83	ppb
Sodium	23-2	99609.68	98766.26	99267.15	99214.36	0.43	ppb
Strontium	86-1	83.27	81.34	82.89	82.50	1.24	ppb
Strontium	88-1	83.32	83.56	83.70	83.52	0.23	ppb
Sulfur	34-1	83006.24	83213.25	84367.86	83529.12	0.88	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	19.78	19.85	20.53	20.05	2.05	ppb
Thallium	205-1	20.17	20.31	19.94	20.14	0.91	ppb
Tin	118-1	52.17	51.72	52.86	52.25	1.10	ppb
Titanium	47-1	1967.01	1970.04	1989.91	1975.65	0.63	ppb
Uranium	238-1	49.29	49.20	49.76	49.41	0.60	ppb
Vanadium	51-2	19.22	19.01	19.34	19.19	0.86	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	30.06	29.48	30.96	30.17	2.47	ppb
Zirconium	90-1	50.80	50.10	51.13	50.68	1.04	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:39:02	DataFile Name :	016ICSB_P7070818MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.28	50.41	50.65	50.45	0.37	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:42:36	DataFile Name :	017CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50243.68	50963.01	50235.36	50480.68	0.83	ppb
Antimony	121-1	508.80	521.19	521.40	517.13	1.39	ppb
Arsenic	75-2	497.70	499.23	497.87	498.27	0.17	ppb
Barium	135-1	2555.00	2603.33	2603.72	2587.35	1.08	ppb
Barium	137-1	2572.04	2619.15	2630.80	2607.33	1.19	ppb
Beryllium	9-1	495.44	502.97	503.07	500.49	0.87	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	481.45	506.49	518.06	502.00	3.73	ppb
Boron	11-1	490.73	511.04	520.24	507.34	2.98	ppb
Cadmium	111-1	502.25	508.25	510.54	507.01	0.84	ppb
Cadmium	106-1	517.97	515.83	514.32	516.04	0.36	ppb
Cadmium	108-1	505.19	509.51	510.81	508.50	0.58	ppb
Calcium	43-1	241108.01	242131.35	244985.29	242741.55	0.83	ppb
Calcium	44-1	241689.34	244206.14	244521.85	243472.44	0.64	ppb
Chromium	52-2	498.72	501.60	502.56	500.96	0.40	ppb
Cobalt	59-2	481.50	487.09	484.95	484.51	0.58	ppb
Copper	63-2	938.55	942.41	943.73	941.56	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				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	126337.90	127209.39	126266.51	126604.60	0.41	ppb
Iron	57-2	126521.91	126997.25	126940.54	126819.90	0.20	ppb
Lead	206-1	512.83	515.06	510.31	512.73	0.46	ppb
Lead	207-1	512.61	510.04	510.15	510.93	0.28	ppb
Lead	208-1	512.46	509.59	508.16	510.07	0.43	ppb
Lithium	6-1				92		%
Magnesium	24-2	249691.29	252741.14	249167.65	250533.36	0.77	ppb
Manganese	55-2	976.54	985.96	983.33	981.94	0.50	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:42:36	DataFile Name :	017CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2501.25	2498.86	2546.66	2515.59	1.07	ppb
Molybdenum	95-1	2491.88	2508.32	2521.15	2507.12	0.59	ppb
Molybdenum	96-1	2477.25	2509.56	2530.57	2505.80	1.07	ppb
Molybdenum	97-1	2478.74	2485.19	2507.06	2490.33	0.60	ppb
Molybdenum	98-1	2469.74	2492.00	2503.65	2488.46	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.73	485.08	481.54	482.45	0.48	ppb
Phosphorus	31-2	9949.65	10180.06	9936.62	10022.11	1.37	ppb
Potassium	39-2	125013.63	126280.39	124779.30	125357.77	0.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	493.26	492.37	498.09	494.57	0.62	ppb
Selenium	78-2	491.58	500.77	484.73	492.36	1.63	ppb
Selenium	82-1	488.23	493.34	494.03	491.87	0.64	ppb
Silicon	28-1	498.95	501.27	512.48	504.23	1.43	ppb
Silver	109-1	509.29	519.10	520.81	516.40	1.20	ppb
Silver	107-1	507.48	515.67	516.71	513.29	0.99	ppb
Sodium	23-2	249283.30	252263.99	250405.63	250650.97	0.60	ppb
Strontium	86-1	497.70	504.14	516.48	506.11	1.89	ppb
Strontium	88-1	502.98	504.43	511.28	506.23	0.88	ppb
Sulfur	34-1	8266.84	8297.75	8402.39	8322.32	0.85	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	511.60	513.27	509.13	511.33	0.41	ppb
Thallium	205-1	510.69	509.66	509.38	509.91	0.14	ppb
Tin	118-1	514.91	522.60	523.15	520.22	0.89	ppb
Titanium	47-1	2509.11	2520.67	2523.38	2517.72	0.30	ppb
Uranium	238-1	493.57	503.44	506.35	501.12	1.34	ppb
Vanadium	51-2	492.70	494.78	496.00	494.49	0.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	924.58	936.46	931.09	930.71	0.64	ppb
Zirconium	90-1	502.78	504.84	509.40	505.67	0.67	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:42:36	DataFile Name :	017CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.02	501.42	506.84	502.43	0.80	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:48:56	DataFile Name :	018CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	1.50	1.08	1.27	16.68	ppb
Antimony	121-1	0.22	0.24	0.19	0.22	10.56	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	45.33	ppb
Barium	135-1	0.06	0.09	0.07	0.07	14.72	ppb
Barium	137-1	0.09	0.08	0.07	0.08	14.91	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	18.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	11.38	10.62	10.86	10.95	3.51	ppb
Boron	11-1	10.60	10.43	10.03	10.36	2.81	ppb
Cadmium	111-1	0.17	0.07	-0.01	0.08	114.86	ppb
Cadmium	106-1	2.19	0.64	-0.62	0.74	190.98	ppb
Cadmium	108-1	0.04	-0.06	-0.06	-0.03		ppb
Calcium	43-1	7.06	5.57	6.42	6.35	11.73	ppb
Calcium	44-1	19.54	18.92	20.39	19.62	3.77	ppb
Chromium	52-2	0.04	0.02	0.00	0.02	87.23	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	115.20	ppb
Copper	63-2	0.14	0.11	0.13	0.13	10.17	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				104		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	4.08	3.36	3.27	3.57	12.40	ppb
Iron	57-2	4.04	2.56	1.74	2.78	41.97	ppb
Lead	206-1	0.10	0.11	0.09	0.10	13.44	ppb
Lead	207-1	0.10	0.09	0.08	0.09	11.28	ppb
Lead	208-1	0.10	0.10	0.09	0.09	7.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	7.64	5.91	5.41	6.32	18.55	ppb
Manganese	55-2	0.03	-0.01	0.03	0.02	115.53	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:48:56	DataFile Name :	018CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.19	0.21	0.21	10.97	ppb
Molybdenum	95-1	0.32	0.24	0.23	0.26	18.02	ppb
Molybdenum	96-1	0.27	0.25	0.22	0.25	9.52	ppb
Molybdenum	97-1	0.27	0.26	0.25	0.26	2.29	ppb
Molybdenum	98-1	0.26	0.25	0.24	0.25	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.04	0.03	36.18	ppb
Phosphorus	31-2	-11.65	-4.88	5.58	-3.65		ppb
Potassium	39-2	21.68	21.85	15.70	19.74	17.73	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	77-2	-0.03	-0.37	-0.04	-0.15		ppb
Selenium	78-2	0.01	1.23	-0.58	0.22	418.77	ppb
Selenium	82-1	3.72	2.26	2.18	2.72	31.72	ppb
Silicon	28-1	-11.34	-9.48	-9.86	-10.23		ppb
Silver	109-1	0.04	0.03	0.04	0.04	11.78	ppb
Silver	107-1	0.05	0.03	0.05	0.04	15.94	ppb
Sodium	23-2	42.68	39.85	39.81	40.78	4.03	ppb
Strontium	86-1	0.01	0.02	0.05	0.03	70.66	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	15.95	ppb
Sulfur	34-1	-2713.08	-2537.45	-2594.43	-2614.99		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.06	0.08	0.07	13.77	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	9.12	ppb
Tin	118-1	0.07	0.07	0.07	0.07	5.02	ppb
Titanium	47-1	0.13	0.09	0.12	0.12	16.08	ppb
Uranium	238-1	0.01	0.02	0.01	0.02	7.11	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	74.15	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	0.17	-0.01	0.11	0.09	104.28	ppb
Zirconium	90-1	0.04	0.03	0.05	0.04	15.36	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:48:56	DataFile Name :	018CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	29.73	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BL	Instrumnet Name :	P7
Client Sample ID :	PB110291BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:58:48	DataFile Name :	020CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	0.76	0.41	0.60	29.14	ppb
Antimony	121-1	0.05	0.05	0.03	0.04	22.63	ppb
Arsenic	75-2	0.03	-0.01	0.02	0.01	124.98	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	263.21	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	64.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	5.31	5.63	5.46	5.47	2.99	ppb
Boron	11-1	5.46	5.39	5.16	5.34	2.97	ppb
Cadmium	111-1	-0.04	-0.03	-0.12	-0.06		ppb
Cadmium	106-1	-0.55	-0.42	-1.68	-0.88		ppb
Cadmium	108-1	0.00	-0.09	-0.09	-0.06		ppb
Calcium	43-1	-0.89	-1.80	-0.66	-1.12		ppb
Calcium	44-1	9.99	9.28	11.06	10.11	8.86	ppb
Chromium	52-2	0.01	0.00	0.01	0.01	49.63	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.09	0.09	0.07	37.77	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				102		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	0.38	0.35	0.38	0.37	4.35	ppb
Iron	57-2	-0.13	-0.52	-0.08	-0.24		ppb
Lead	206-1	0.04	0.06	0.03	0.04	34.17	ppb
Lead	207-1	0.05	0.05	0.02	0.04	36.09	ppb
Lead	208-1	0.04	0.04	0.03	0.04	21.76	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.53	0.48	0.62	0.55	12.87	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BL	Instrumnet Name :	P7
Client Sample ID :	PB110291BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:58:48	DataFile Name :	020CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.04	0.05	0.03	74.91	ppb
Molybdenum	95-1	0.02	0.04	0.02	0.03	29.70	ppb
Molybdenum	96-1	0.03	0.06	0.02	0.04	52.37	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.04	4.40	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	9.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.02	0.02	17.45	ppb
Phosphorus	31-2	-7.19	5.01	-7.56	-3.25		ppb
Potassium	39-2	9.34	8.10	5.55	7.67	25.21	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	77-2	-0.03	-0.37	0.29	-0.04		ppb
Selenium	78-2	0.66	-0.60	0.10	0.05	1182.90	ppb
Selenium	82-1	4.09	2.63	2.69	3.14	26.47	ppb
Silicon	28-1	-7.55	-8.03	-7.34	-7.64		ppb
Silver	109-1	0.01	0.01	0.00	0.01	29.32	ppb
Silver	107-1	0.01	0.01	0.02	0.01	5.17	ppb
Sodium	23-2	20.85	21.66	20.21	20.91	3.46	ppb
Strontium	86-1	0.01	0.01	0.00	0.01	126.78	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	30.81	ppb
Sulfur	34-1	-1814.08	-1886.96	-1754.89	-1818.64		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.03	0.03	19.26	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	24.00	ppb
Tin	118-1	0.01	0.04	0.02	0.02	53.78	ppb
Titanium	47-1	0.01	-0.01	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	-0.11	-0.06	-0.06	-0.08		ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	26.63	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BL	Instrumnet Name :	P7
Client Sample ID :	PB110291BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:58:48	DataFile Name :	020CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.01	58.47	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:06:23	DataFile Name :	022SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.14	19.55	20.90	20.53	4.18	ppb
Antimony	121-1	2.12	2.04	2.08	2.08	2.03	ppb
Arsenic	75-2	1.05	0.98	1.08	1.04	4.79	ppb
Barium	135-1	9.74	9.88	9.96	9.86	1.11	ppb
Barium	137-1	10.18	10.21	10.42	10.27	1.29	ppb
Beryllium	9-1	1.01	1.00	0.95	0.98	3.38	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	25.52	25.32	26.30	25.71	2.02	ppb
Boron	11-1	25.18	25.57	26.89	25.88	3.46	ppb
Cadmium	111-1	1.16	1.09	1.03	1.09	5.91	ppb
Cadmium	106-1	1.13	1.25	0.70	1.03	28.44	ppb
Cadmium	108-1	1.01	0.80	1.14	0.98	17.73	ppb
Calcium	43-1	461.91	445.57	463.25	456.91	2.15	ppb
Calcium	44-1	471.13	469.99	478.48	473.20	0.97	ppb
Chromium	52-2	2.07	2.24	2.10	2.14	4.14	ppb
Cobalt	59-2	1.02	1.00	0.97	1.00	2.83	ppb
Copper	63-2	2.16	2.20	2.15	2.17	1.22	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				101		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	52.34	52.12	52.20	52.22	0.21	ppb
Iron	57-2	54.95	52.92	49.49	52.45	5.26	ppb
Lead	206-1	0.96	0.96	1.02	0.98	3.81	ppb
Lead	207-1	0.97	0.96	1.01	0.98	2.50	ppb
Lead	208-1	0.98	0.95	0.99	0.97	2.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	506.45	498.50	499.59	501.51	0.86	ppb
Manganese	55-2	1.08	1.00	1.01	1.03	3.85	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:06:23	DataFile Name :	022SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.85	4.86	4.84	4.85	0.22	ppb
Molybdenum	95-1	4.90	4.75	4.83	4.83	1.52	ppb
Molybdenum	96-1	4.70	4.67	4.81	4.73	1.60	ppb
Molybdenum	97-1	4.61	4.90	4.67	4.73	3.24	ppb
Molybdenum	98-1	4.63	4.63	4.71	4.66	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.15	1.11	1.11	4.43	ppb
Phosphorus	31-2	-0.20	6.19	2.27	2.75	117.03	ppb
Potassium	39-2	508.79	509.34	512.38	510.17	0.38	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	77-2	5.58	5.87	5.89	5.78	2.99	ppb
Selenium	78-2	4.21	5.19	6.60	5.33	22.52	ppb
Selenium	82-1	8.21	9.06	8.96	8.74	5.26	ppb
Silicon	28-1	10.58	10.13	10.70	10.47	2.85	ppb
Silver	109-1	1.04	1.09	1.05	1.06	2.73	ppb
Silver	107-1	1.12	1.10	1.16	1.12	2.76	ppb
Sodium	23-2	523.34	517.43	524.81	521.86	0.75	ppb
Strontium	86-1	1.02	1.00	1.00	1.00	1.08	ppb
Strontium	88-1	0.99	0.99	1.01	1.00	1.34	ppb
Sulfur	34-1	-1350.50	-1407.60	-1241.60	-1333.23		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.88	0.99	0.95	6.17	ppb
Thallium	205-1	0.97	0.96	0.99	0.98	1.34	ppb
Tin	118-1	5.22	5.17	5.33	5.24	1.52	ppb
Titanium	47-1	4.82	4.45	4.58	4.61	4.04	ppb
Uranium	238-1	0.91	0.87	0.90	0.89	2.45	ppb
Vanadium	51-2	4.88	4.77	4.71	4.79	1.81	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	2.31	2.41	2.27	2.33	3.09	ppb
Zirconium	90-1	0.97	0.99	1.04	1.00	3.33	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:06:23	DataFile Name :	022SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.96	0.98	0.96	3.04	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BS	Instrumnet Name :	P7
Client Sample ID :	PB110291BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:09:56	DataFile Name :	023LCS6_P7070818MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9806.63	10878.51	9716.21	10133.78	6.38	ppb
Antimony	121-1	513.04	513.34	506.96	511.11	0.70	ppb
Arsenic	75-2	505.41	556.60	504.68	522.23	5.70	ppb
Barium	135-1	2547.28	2539.06	2482.86	2523.07	1.39	ppb
Barium	137-1	2537.23	2512.35	2471.42	2507.00	1.33	ppb
Beryllium	9-1	480.66	479.90	480.82	480.46	0.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	450.91	462.65	482.57	465.38	3.44	ppb
Boron	11-1	449.90	467.75	472.89	463.51	2.60	ppb
Cadmium	111-1	511.35	513.24	506.99	510.53	0.63	ppb
Cadmium	106-1	521.97	516.53	499.08	512.53	2.33	ppb
Cadmium	108-1	522.29	512.05	510.34	514.89	1.25	ppb
Calcium	43-1	47598.04	47476.37	47149.85	47408.08	0.49	ppb
Calcium	44-1	47830.80	47533.39	47081.86	47482.02	0.79	ppb
Chromium	52-2	492.35	553.61	491.98	512.65	6.92	ppb
Cobalt	59-2	498.03	561.72	496.83	518.86	7.15	ppb
Copper	63-2	996.91	1119.45	1000.64	1039.00	6.71	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				108		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	25844.87	28785.21	25570.66	26733.58	6.67	ppb
Iron	57-2	25749.06	28790.88	25643.04	26727.66	6.69	ppb
Lead	206-1	489.44	485.73	485.03	486.73	0.49	ppb
Lead	207-1	486.45	483.28	477.66	482.46	0.92	ppb
Lead	208-1	488.98	485.54	479.13	484.55	1.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	51118.97	56790.73	50505.25	52804.98	6.56	ppb
Manganese	55-2	984.22	1106.45	984.61	1025.09	6.87	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BS	Instrumnet Name :	P7
Client Sample ID :	PB110291BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:09:56	DataFile Name :	023LCS6_P7070818MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2431.37	2415.14	2400.13	2415.54	0.65	ppb
Molybdenum	95-1	2425.35	2409.21	2403.42	2412.66	0.47	ppb
Molybdenum	96-1	2444.87	2424.80	2404.62	2424.76	0.83	ppb
Molybdenum	97-1	2438.99	2421.32	2397.06	2419.12	0.87	ppb
Molybdenum	98-1	2445.18	2415.51	2395.66	2418.78	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.54	558.46	494.70	515.23	7.27	ppb
Phosphorus	31-2	9967.60	11078.96	9968.34	10338.30	6.20	ppb
Potassium	39-2	24832.55	27542.77	24647.32	25674.22	6.31	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	77-2	510.24	559.37	499.38	522.99	6.11	ppb
Selenium	78-2	493.75	554.48	501.79	516.67	6.38	ppb
Selenium	82-1	496.67	497.21	492.27	495.38	0.55	ppb
Silicon	28-1	496.62	495.08	491.41	494.37	0.54	ppb
Silver	109-1	520.92	518.09	513.36	517.46	0.74	ppb
Silver	107-1	528.19	521.97	514.36	521.51	1.33	ppb
Sodium	23-2	51129.56	57059.54	50749.28	52979.46	6.68	ppb
Strontium	86-1	484.22	485.79	482.22	484.08	0.37	ppb
Strontium	88-1	490.92	493.74	485.61	490.09	0.84	ppb
Sulfur	34-1	9003.09	8589.61	8305.79	8632.83	4.06	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	480.24	482.26	476.60	479.70	0.60	ppb
Thallium	205-1	494.27	483.22	481.65	486.38	1.41	ppb
Tin	118-1	512.06	508.16	502.93	507.72	0.90	ppb
Titanium	47-1	2459.22	2441.81	2405.25	2435.43	1.13	ppb
Uranium	238-1	467.78	471.44	464.96	468.06	0.69	ppb
Vanadium	51-2	491.81	553.64	494.09	513.18	6.83	ppb
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	991.90	1119.31	995.13	1035.44	7.02	ppb
Zirconium	90-1	493.60	485.91	478.84	486.12	1.52	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BS	Instrumnet Name :	P7
Client Sample ID :	PB110291BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:09:56	DataFile Name :	023LCS6_P7070818MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.42	478.15	477.16	480.24	0.94	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02	Instrumnet Name :	P7
Client Sample ID :	S36-0138	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:17:02	DataFile Name :	025SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	746.07	765.37	744.04	751.82	1.57	ppb
Antimony	121-1	1.86	1.82	1.80	1.83	1.72	ppb
Arsenic	75-2	6.87	6.89	7.00	6.92	0.95	ppb
Barium	135-1	17.51	17.94	17.61	17.69	1.29	ppb
Barium	137-1	17.14	17.15	17.20	17.16	0.20	ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	20.57	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	19.23	19.27	20.65	19.72	4.11	ppb
Boron	11-1	20.36	20.30	20.29	20.32	0.20	ppb
Cadmium	111-1	0.05	0.00	0.02	0.02	111.13	ppb
Cadmium	106-1	-0.70	-0.93	-0.73	-0.79		ppb
Cadmium	108-1	0.24	0.37	0.31	0.31	21.91	ppb
Calcium	43-1	16368.13	16371.79	16201.27	16313.73	0.60	ppb
Calcium	44-1	16590.23	16509.61	16538.03	16545.96	0.25	ppb
Chromium	52-2	5.19	5.18	5.23	5.20	0.48	ppb
Cobalt	59-2	0.94	0.89	0.94	0.92	3.23	ppb
Copper	63-2	7.28	7.11	7.45	7.28	2.37	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				95		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	938.52	938.31	942.30	939.71	0.24	ppb
Iron	57-2	977.35	973.12	983.10	977.86	0.51	ppb
Lead	206-1	2.47	2.45	2.54	2.49	2.02	ppb
Lead	207-1	2.47	2.36	2.38	2.40	2.35	ppb
Lead	208-1	2.44	2.38	2.44	2.42	1.32	ppb
Lithium	6-1				123		%
Magnesium	24-2	563.33	570.16	565.74	566.41	0.61	ppb
Manganese	55-2	22.12	22.24	21.81	22.06	1.02	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02	Instrumnet Name :	P7
Client Sample ID :	S36-0138	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:17:02	DataFile Name :	025SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	15.43	16.17	15.61	15.73	2.47	ppb
Molybdenum	95-1	21.71	21.83	21.30	21.61	1.29	ppb
Molybdenum	96-1	20.76	20.68	20.61	20.68	0.38	ppb
Molybdenum	97-1	21.40	21.30	21.73	21.48	1.06	ppb
Molybdenum	98-1	21.26	21.66	21.50	21.47	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.19	3.19	3.31	3.23	2.14	ppb
Phosphorus	31-2	673.04	673.75	619.16	655.32	4.78	ppb
Potassium	39-2	29961.67	29768.79	29545.68	29758.71	0.70	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	77-2	3.10	1.17	3.10	2.45	45.46	ppb
Selenium	78-2	0.23	0.02	-0.61	-0.12		ppb
Selenium	82-1	2.00	2.55	1.64	2.06	22.32	ppb
Silicon	28-1	3496.96	3422.99	3448.36	3456.10	1.09	ppb
Silver	109-1	0.64	0.63	0.61	0.63	2.25	ppb
Silver	107-1	0.66	0.65	0.61	0.64	4.44	ppb
Sodium	23-2	40306.55	40356.55	40096.30	40253.13	0.34	ppb
Strontium	86-1	75.34	75.42	74.83	75.20	0.43	ppb
Strontium	88-1	75.70	75.32	75.88	75.63	0.38	ppb
Sulfur	34-1	2149.66	1639.91	1579.86	1789.81	17.49	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.13	0.07	0.09	0.10	28.86	ppb
Thallium	205-1	0.11	0.10	0.08	0.09	16.45	ppb
Tin	118-1	4.09	3.93	4.13	4.05	2.56	ppb
Titanium	47-1	24.74	24.10	24.82	24.55	1.60	ppb
Uranium	238-1	0.61	0.60	0.59	0.60	1.91	ppb
Vanadium	51-2	3.92	3.96	4.03	3.97	1.45	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	601.11	603.98	601.02	602.04	0.28	ppb
Zirconium	90-1	0.39	0.28	0.30	0.32	18.86	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02	Instrumnet Name :	P7
Client Sample ID :	S36-0138	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:17:02	DataFile Name :	025SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.29	0.25	0.29	12.12	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0138DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:20:36	DataFile Name :	026SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	765.83	780.82	760.08	768.91	1.39	ppb
Antimony	121-1	1.61	1.73	1.70	1.68	3.66	ppb
Arsenic	75-2	6.88	6.80	6.93	6.87	0.99	ppb
Barium	135-1	16.67	17.45	16.83	16.98	2.43	ppb
Barium	137-1	19.59	17.05	17.10	17.92	8.09	ppb
Beryllium	9-1	0.05	0.05	0.07	0.06	18.69	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	15.91	17.29	16.62	16.61	4.17	ppb
Boron	11-1	17.05	17.04	17.41	17.17	1.23	ppb
Cadmium	111-1	-0.04	0.00	-0.02	-0.02		ppb
Cadmium	106-1	-1.57	-1.26	-1.30	-1.38		ppb
Cadmium	108-1	0.33	0.25	0.30	0.29	14.82	ppb
Calcium	43-1	16355.91	16535.71	16313.07	16401.56	0.72	ppb
Calcium	44-1	16533.61	16707.71	16541.26	16594.19	0.59	ppb
Chromium	52-2	5.13	5.15	5.13	5.14	0.13	ppb
Cobalt	59-2	0.91	0.96	0.92	0.93	2.88	ppb
Copper	63-2	6.89	7.01	7.09	7.00	1.48	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				95		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	946.49	946.39	947.86	946.91	0.09	ppb
Iron	57-2	990.00	978.47	984.03	984.17	0.59	ppb
Lead	206-1	2.47	2.47	2.54	2.50	1.64	ppb
Lead	207-1	2.19	2.34	2.20	2.24	3.88	ppb
Lead	208-1	2.33	2.37	2.35	2.35	0.94	ppb
Lithium	6-1				111		%
Magnesium	24-2	555.50	570.80	555.32	560.54	1.59	ppb
Manganese	55-2	22.17	22.07	21.87	22.04	0.69	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0138DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:20:36	DataFile Name :	026SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	15.41	15.20	15.56	15.39	1.17	ppb
Molybdenum	95-1	21.39	21.82	21.74	21.65	1.06	ppb
Molybdenum	96-1	20.37	20.97	20.84	20.73	1.53	ppb
Molybdenum	97-1	21.09	21.36	21.92	21.45	1.97	ppb
Molybdenum	98-1	21.64	21.44	21.93	21.67	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.31	3.27	3.36	3.31	1.37	ppb
Phosphorus	31-2	622.24	645.88	636.76	634.96	1.88	ppb
Potassium	39-2	29447.50	29569.05	29334.42	29450.32	0.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	77-2	2.79	3.18	3.58	3.18	12.51	ppb
Selenium	78-2	0.26	-0.46	-0.58	-0.26		ppb
Selenium	82-1	1.10	2.48	1.55	1.71	40.94	ppb
Silicon	28-1	3454.15	3465.92	3449.19	3456.42	0.25	ppb
Silver	109-1	0.42	0.46	0.45	0.44	5.24	ppb
Silver	107-1	0.45	0.46	0.49	0.47	3.81	ppb
Sodium	23-2	40153.90	39868.46	40062.73	40028.37	0.36	ppb
Strontium	86-1	74.52	75.39	74.03	74.65	0.92	ppb
Strontium	88-1	75.80	75.56	75.59	75.65	0.17	ppb
Sulfur	34-1	1401.60	1293.55	1050.89	1248.68	14.38	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.08	0.06	0.09	0.07	15.76	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	9.36	ppb
Tin	118-1	3.17	3.51	3.61	3.43	6.71	ppb
Titanium	47-1	26.07	24.60	24.29	24.99	3.81	ppb
Uranium	238-1	0.62	0.59	0.63	0.62	2.85	ppb
Vanadium	51-2	3.97	3.97	3.87	3.94	1.45	ppb
Yttrium	89-1				104		%
Yttrium	89-2				92		%
Zinc	66-2	607.07	610.04	605.76	607.62	0.36	ppb
Zirconium	90-1	0.28	0.27	0.27	0.28	1.51	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0138DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:20:36	DataFile Name :	026SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.31	0.27	0.28	8.69	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0138L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 14:24:09	DataFile Name :	027SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	147.13	142.00	145.66	144.93	1.82	ppb
Antimony	121-1	0.40	0.41	0.36	0.39	6.75	ppb
Arsenic	75-2	1.33	1.54	1.37	1.41	7.82	ppb
Barium	135-1	3.33	3.26	3.21	3.26	1.83	ppb
Barium	137-1	3.42	3.29	3.47	3.39	2.64	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	11.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	8.43	6.84	6.65	7.31	13.38	ppb
Boron	11-1	7.85	7.49	7.70	7.68	2.33	ppb
Cadmium	111-1	-0.06	-0.02	-0.09	-0.06		ppb
Cadmium	106-1	-1.12	-0.72	-1.48	-1.11		ppb
Cadmium	108-1	0.09	0.02	0.09	0.07	66.83	ppb
Calcium	43-1	3111.11	3153.49	3160.64	3141.75	0.85	ppb
Calcium	44-1	3190.24	3198.87	3208.12	3199.08	0.28	ppb
Chromium	52-2	0.99	1.07	1.04	1.04	3.79	ppb
Cobalt	59-2	0.18	0.19	0.18	0.18	4.52	ppb
Copper	63-2	1.66	1.63	1.64	1.64	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				110		%
Holmium	165-2				102		%
Indium	115-1				114		%
Indium	115-2				102		%
Iron	56-2	183.47	183.05	182.75	183.09	0.20	ppb
Iron	57-2	186.88	192.31	192.66	190.62	1.70	ppb
Lead	206-1	0.51	0.54	0.52	0.52	2.90	ppb
Lead	207-1	0.48	0.51	0.48	0.49	4.32	ppb
Lead	208-1	0.48	0.50	0.50	0.49	3.03	ppb
Lithium	6-1				103		%
Magnesium	24-2	114.86	109.77	112.70	112.45	2.27	ppb
Manganese	55-2	4.39	4.31	4.32	4.34	1.06	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0138L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 14:24:09	DataFile Name :	027SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.09	3.06	3.07	3.07	0.49	ppb
Molybdenum	95-1	4.19	4.22	4.37	4.26	2.18	ppb
Molybdenum	96-1	4.20	4.05	4.18	4.14	1.97	ppb
Molybdenum	97-1	4.29	4.31	4.39	4.33	1.24	ppb
Molybdenum	98-1	4.10	4.16	4.28	4.18	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.65	0.68	0.66	2.91	ppb
Phosphorus	31-2	126.66	121.35	121.75	123.25	2.40	ppb
Potassium	39-2	5819.08	5785.41	5722.66	5775.72	0.85	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	77-2	0.35	1.43	0.71	0.83	65.76	ppb
Selenium	78-2	0.38	-0.59	-0.46	-0.23		ppb
Selenium	82-1	2.15	2.28	2.28	2.24	3.24	ppb
Silicon	28-1	649.71	647.50	651.67	649.62	0.32	ppb
Silver	109-1	0.20	0.17	0.16	0.18	11.97	ppb
Silver	107-1	0.17	0.16	0.18	0.17	7.67	ppb
Sodium	23-2	7817.51	7826.95	7769.71	7804.72	0.39	ppb
Strontium	86-1	14.55	14.42	14.40	14.46	0.55	ppb
Strontium	88-1	14.51	14.42	14.66	14.53	0.83	ppb
Sulfur	34-1	-1971.14	-1985.49	-1875.26	-1943.96		ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.06	0.04	0.04	38.90	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.29	ppb
Tin	118-1	0.33	0.45	0.31	0.36	20.33	ppb
Titanium	47-1	4.75	4.63	4.65	4.68	1.41	ppb
Uranium	238-1	0.12	0.15	0.14	0.13	12.09	ppb
Vanadium	51-2	0.83	0.81	0.87	0.84	3.72	ppb
Yttrium	89-1				113		%
Yttrium	89-2				101		%
Zinc	66-2	120.27	119.61	120.51	120.13	0.39	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	7.64	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0138L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 14:24:09	DataFile Name :	027SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.06	0.07	0.07	17.80	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-01	Instrumnet Name :	P7
Client Sample ID :	S36-0136	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:27:42	DataFile Name :	028SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	900.98	926.11	898.89	908.66	1.67	ppb
Antimony	121-1	1.12	1.15	1.20	1.16	3.31	ppb
Arsenic	75-2	48.72	47.50	47.48	47.90	1.48	ppb
Barium	135-1	50.43	50.85	51.47	50.92	1.03	ppb
Barium	137-1	49.93	50.55	51.00	50.49	1.07	ppb
Beryllium	9-1	0.10	0.08	0.08	0.09	13.90	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	73.16	73.27	74.52	73.65	1.02	ppb
Boron	11-1	74.20	78.31	79.21	77.24	3.46	ppb
Cadmium	111-1	-0.01	-0.08	-0.04	-0.04		ppb
Cadmium	106-1	-1.52	-2.47	-1.30	-1.76		ppb
Cadmium	108-1	0.05	0.08	0.32	0.15	98.07	ppb
Calcium	43-1	99128.70	100038.20	99634.47	99600.46	0.46	ppb
Calcium	44-1	99384.19	99892.18	99437.65	99571.34	0.28	ppb
Chromium	52-2	5.38	5.42	5.46	5.42	0.74	ppb
Cobalt	59-2	1.03	1.04	1.09	1.05	2.94	ppb
Copper	63-2	4.46	4.54	4.48	4.50	0.96	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				103		%
Holmium	165-2				96		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	3931.52	3932.77	3904.88	3923.06	0.40	ppb
Iron	57-2	4056.09	4070.80	4056.48	4061.12	0.21	ppb
Lead	206-1	5.12	5.12	5.21	5.15	1.10	ppb
Lead	207-1	4.78	4.77	4.80	4.78	0.34	ppb
Lead	208-1	4.90	4.92	4.88	4.90	0.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	42558.08	42264.53	42095.76	42306.12	0.55	ppb
Manganese	55-2	643.35	642.34	646.93	644.20	0.37	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-01	Instrumnet Name :	P7
Client Sample ID :	S36-0136	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:27:42	DataFile Name :	028SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.58	3.70	3.82	3.70	3.30	ppb
Molybdenum	95-1	3.96	3.99	3.98	3.97	0.38	ppb
Molybdenum	96-1	3.90	4.11	3.96	3.99	2.73	ppb
Molybdenum	97-1	4.00	4.05	4.05	4.03	0.63	ppb
Molybdenum	98-1	4.05	3.90	4.05	4.00	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.95	3.60	3.94	3.83	5.09	ppb
Phosphorus	31-2	167.31	180.12	171.26	172.90	3.79	ppb
Potassium	39-2	7044.46	7089.17	7076.80	7070.14	0.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				86		%
Selenium	77-2	2.90	4.86	2.45	3.40	37.65	ppb
Selenium	78-2	-0.20	-1.26	0.09	-0.46		ppb
Selenium	82-1	3.40	3.15	2.69	3.08	11.67	ppb
Silicon	28-1	8438.60	8456.35	8402.64	8432.53	0.32	ppb
Silver	109-1	0.35	0.38	0.35	0.36	5.00	ppb
Silver	107-1	0.39	0.36	0.36	0.37	5.16	ppb
Sodium	23-2	48588.30	48282.22	47812.99	48227.84	0.81	ppb
Strontium	86-1	740.75	746.46	743.94	743.72	0.38	ppb
Strontium	88-1	758.67	761.27	751.31	757.08	0.68	ppb
Sulfur	34-1	19794.73	19724.54	19621.73	19713.67	0.44	ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.08	0.09	0.09	20.49	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	2.25	ppb
Tin	118-1	3.39	3.60	3.58	3.52	3.27	ppb
Titanium	47-1	55.99	54.98	55.47	55.48	0.92	ppb
Uranium	238-1	2.72	2.76	2.72	2.73	0.82	ppb
Vanadium	51-2	3.68	3.76	3.78	3.74	1.41	ppb
Yttrium	89-1				102		%
Yttrium	89-2				90		%
Zinc	66-2	174.84	175.20	174.97	175.01	0.10	ppb
Zirconium	90-1	0.56	0.60	0.58	0.58	3.35	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-01	Instrumnet Name :	P7
Client Sample ID :	S36-0136	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:27:42	DataFile Name :	028SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.59	0.57	0.53	0.56	5.41	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MS	Instrumnet Name :	P7
Client Sample ID :	S36-0138MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:31:16	DataFile Name :	029SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10346.34	10281.20	10340.01	10322.52	0.35	ppb
Antimony	121-1	507.64	521.44	517.35	515.48	1.37	ppb
Arsenic	75-2	519.54	519.71	518.47	519.24	0.13	ppb
Barium	135-1	2533.37	2590.13	2559.05	2560.85	1.11	ppb
Barium	137-1	2552.29	2588.53	2555.24	2565.36	0.78	ppb
Beryllium	9-1	437.25	437.21	444.17	439.54	0.91	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	453.39	464.37	474.10	463.96	2.23	ppb
Boron	11-1	450.66	470.47	476.54	465.89	2.91	ppb
Cadmium	111-1	505.83	512.89	507.24	508.66	0.73	ppb
Cadmium	106-1	505.54	514.00	497.36	505.63	1.65	ppb
Cadmium	108-1	503.71	511.27	501.51	505.50	1.01	ppb
Calcium	43-1	65068.80	65997.75	65564.19	65543.58	0.71	ppb
Calcium	44-1	65295.52	65983.42	65483.54	65587.49	0.54	ppb
Chromium	52-2	536.43	540.17	535.76	537.45	0.44	ppb
Cobalt	59-2	547.70	551.53	548.18	549.14	0.38	ppb
Copper	63-2	1136.10	1141.57	1134.05	1137.24	0.34	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				104		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				89		%
Iron	56-2	28478.58	28681.63	28449.12	28536.45	0.44	ppb
Iron	57-2	28563.06	28609.76	28594.49	28589.10	0.08	ppb
Lead	206-1	517.83	513.02	520.06	516.97	0.70	ppb
Lead	207-1	497.68	499.33	506.23	501.08	0.91	ppb
Lead	208-1	506.56	507.49	512.38	508.81	0.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	53559.74	53184.21	53137.78	53293.91	0.43	ppb
Manganese	55-2	1045.51	1048.40	1045.84	1046.58	0.15	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MS	Instrumnet Name :	P7
Client Sample ID :	S36-0138MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:31:16	DataFile Name :	029SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2581.38	2581.16	2570.72	2577.75	0.24	ppb
Molybdenum	95-1	2601.70	2602.75	2580.74	2595.06	0.48	ppb
Molybdenum	96-1	2598.78	2610.15	2587.36	2598.77	0.44	ppb
Molybdenum	97-1	2581.12	2601.00	2590.71	2590.95	0.38	ppb
Molybdenum	98-1	2588.82	2598.61	2591.00	2592.81	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.45	561.21	556.07	557.58	0.57	ppb
Phosphorus	31-2	604.53	653.73	624.29	627.52	3.95	ppb
Potassium	39-2	54320.87	54299.45	54119.58	54246.64	0.20	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				85		%
Selenium	77-2	489.02	477.87	492.45	486.45	1.57	ppb
Selenium	78-2	490.97	487.58	485.75	488.10	0.54	ppb
Selenium	82-1	505.59	504.75	509.64	506.66	0.52	ppb
Silicon	28-1	4063.44	4110.81	4095.29	4089.85	0.59	ppb
Silver	109-1	426.91	433.67	426.12	428.90	0.97	ppb
Silver	107-1	428.82	437.86	430.86	432.51	1.10	ppb
Sodium	23-2	94466.26	93936.30	93718.53	94040.36	0.41	ppb
Strontium	86-1	576.74	584.40	578.46	579.87	0.69	ppb
Strontium	88-1	577.84	587.52	581.51	582.29	0.84	ppb
Sulfur	34-1	2062.73	2178.11	1993.03	2077.96	4.50	ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	507.02	509.78	518.26	511.69	1.15	ppb
Thallium	205-1	514.39	509.96	518.83	514.39	0.86	ppb
Tin	118-1	492.58	506.92	499.03	499.51	1.44	ppb
Titanium	47-1	2556.84	2580.62	2565.77	2567.74	0.47	ppb
Uranium	238-1	509.50	504.47	507.87	507.28	0.51	ppb
Vanadium	51-2	526.00	529.09	528.11	527.74	0.30	ppb
Yttrium	89-1				101		%
Yttrium	89-2				88		%
Zinc	66-2	1634.66	1653.36	1658.91	1648.98	0.77	ppb
Zirconium	90-1	507.66	514.04	513.13	511.61	0.67	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MS	Instrumnet Name :	P7
Client Sample ID :	S36-0138MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:31:16	DataFile Name :	029SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.90	507.44	507.00	505.78	0.49	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MSD	Instrumnet Name :	P7
Client Sample ID :	S36-0138MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:34:49	DataFile Name :	030SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10347.65	10381.10	10317.73	10348.82	0.31	ppb
Antimony	121-1	517.72	515.72	520.01	517.82	0.41	ppb
Arsenic	75-2	518.60	521.11	519.85	519.85	0.24	ppb
Barium	135-1	2586.19	2549.15	2567.82	2567.72	0.72	ppb
Barium	137-1	2596.20	2549.52	2561.21	2568.98	0.95	ppb
Beryllium	9-1	443.36	450.59	448.20	447.38	0.82	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	476.24	495.08	501.34	490.89	2.66	ppb
Boron	11-1	478.09	497.50	507.22	494.27	3.00	ppb
Cadmium	111-1	511.79	509.46	511.08	510.78	0.23	ppb
Cadmium	106-1	505.00	510.17	504.26	506.48	0.64	ppb
Cadmium	108-1	510.22	507.33	503.25	506.93	0.69	ppb
Calcium	43-1	65830.80	66091.26	66770.89	66230.99	0.73	ppb
Calcium	44-1	65788.02	65824.91	66209.32	65940.75	0.35	ppb
Chromium	52-2	542.77	541.66	543.48	542.64	0.17	ppb
Cobalt	59-2	556.58	555.77	554.69	555.68	0.17	ppb
Copper	63-2	1146.83	1154.76	1147.17	1149.59	0.39	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				94		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	28864.88	28773.77	28477.03	28705.23	0.71	ppb
Iron	57-2	28770.71	28940.49	28788.01	28833.07	0.32	ppb
Lead	206-1	520.66	524.37	529.52	524.85	0.85	ppb
Lead	207-1	501.92	506.54	510.95	506.47	0.89	ppb
Lead	208-1	510.01	514.77	518.19	514.32	0.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	53260.52	52833.56	52648.22	52914.10	0.59	ppb
Manganese	55-2	1057.77	1054.01	1051.95	1054.58	0.28	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MSD	Instrumnet Name :	P7
Client Sample ID :	S36-0138MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:34:49	DataFile Name :	030SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2569.44	2580.25	2608.94	2586.21	0.79	ppb
Molybdenum	95-1	2587.56	2563.12	2611.03	2587.23	0.93	ppb
Molybdenum	96-1	2598.45	2576.28	2620.87	2598.53	0.86	ppb
Molybdenum	97-1	2594.86	2589.89	2618.01	2600.92	0.58	ppb
Molybdenum	98-1	2604.30	2595.31	2625.37	2608.33	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.78	568.98	560.52	564.43	0.76	ppb
Phosphorus	31-2	596.39	644.43	631.61	624.14	3.99	ppb
Potassium	39-2	54192.26	54150.02	53318.26	53886.84	0.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				83		%
Selenium	77-2	513.60	500.34	507.99	507.31	1.31	ppb
Selenium	78-2	484.51	493.46	492.89	490.29	1.02	ppb
Selenium	82-1	509.99	504.06	511.72	508.59	0.79	ppb
Silicon	28-1	4007.01	4031.07	4059.09	4032.39	0.65	ppb
Silver	109-1	433.67	429.66	433.26	432.19	0.51	ppb
Silver	107-1	437.19	435.03	434.92	435.72	0.29	ppb
Sodium	23-2	94543.00	94101.31	93763.96	94136.09	0.42	ppb
Strontium	86-1	578.26	578.35	590.40	582.33	1.20	ppb
Strontium	88-1	582.32	579.19	590.67	584.06	1.02	ppb
Sulfur	34-1	1837.04	1828.33	1843.10	1836.16	0.40	ppb
Terbium	159-1				104		%
Terbium	159-2				93		%
Thallium	203-1	512.20	509.41	518.47	513.36	0.90	ppb
Thallium	205-1	511.89	513.74	518.08	514.57	0.62	ppb
Tin	118-1	502.58	500.71	504.34	502.54	0.36	ppb
Titanium	47-1	2565.98	2586.71	2631.44	2594.71	1.29	ppb
Uranium	238-1	510.20	507.94	515.81	511.31	0.79	ppb
Vanadium	51-2	536.70	534.04	529.67	533.47	0.67	ppb
Yttrium	89-1				100		%
Yttrium	89-2				87		%
Zinc	66-2	1658.28	1659.42	1660.44	1659.38	0.07	ppb
Zirconium	90-1	512.53	511.39	515.08	513.00	0.37	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MSD	Instrumnet Name :	P7
Client Sample ID :	S36-0138MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:34:49	DataFile Name :	030SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.05	508.65	515.89	511.20	0.80	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02A	Instrumnet Name :	P7
Client Sample ID :	S36-0138A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:38:23	DataFile Name :	031SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10228.87	10200.54	10298.95	10242.78	0.49	ppb
Antimony	121-1	524.47	517.56	520.13	520.72	0.67	ppb
Arsenic	75-2	517.50	518.46	516.83	517.60	0.16	ppb
Barium	135-1	2614.16	2564.26	2591.50	2589.97	0.96	ppb
Barium	137-1	2608.43	2566.39	2586.03	2586.95	0.81	ppb
Beryllium	9-1	458.59	458.31	452.80	456.57	0.72	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	492.23	500.36	505.07	499.22	1.30	ppb
Boron	11-1	496.77	503.61	508.83	503.07	1.20	ppb
Cadmium	111-1	514.98	506.82	506.28	509.36	0.96	ppb
Cadmium	106-1	501.67	501.17	504.29	502.37	0.33	ppb
Cadmium	108-1	516.84	499.55	507.00	507.79	1.71	ppb
Calcium	43-1	65965.55	66199.71	65251.56	65805.61	0.75	ppb
Calcium	44-1	66214.77	65708.16	65137.49	65686.81	0.82	ppb
Chromium	52-2	535.27	536.64	537.69	536.53	0.23	ppb
Cobalt	59-2	547.90	554.42	552.36	551.56	0.60	ppb
Copper	63-2	1132.92	1141.18	1144.38	1139.49	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				105		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				89		%
Iron	56-2	28581.86	28495.99	28459.90	28512.58	0.22	ppb
Iron	57-2	28527.35	28675.50	28585.67	28596.17	0.26	ppb
Lead	206-1	526.29	525.46	524.75	525.50	0.15	ppb
Lead	207-1	511.95	508.05	510.22	510.07	0.38	ppb
Lead	208-1	517.83	514.37	513.59	515.27	0.44	ppb
Lithium	6-1				96		%
Magnesium	24-2	52855.28	52623.27	53006.63	52828.39	0.37	ppb
Manganese	55-2	1047.80	1045.03	1045.11	1045.98	0.15	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02A	Instrumnet Name :	P7
Client Sample ID :	S36-0138A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:38:23	DataFile Name :	031SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2631.61	2577.03	2597.73	2602.12	1.06	ppb
Molybdenum	95-1	2627.72	2591.53	2603.69	2607.65	0.71	ppb
Molybdenum	96-1	2641.91	2597.72	2606.28	2615.31	0.90	ppb
Molybdenum	97-1	2656.91	2594.00	2605.88	2618.93	1.28	ppb
Molybdenum	98-1	2641.48	2617.59	2613.43	2624.17	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.51	561.72	560.85	559.36	0.60	ppb
Phosphorus	31-2	572.77	651.90	675.50	633.39	8.50	ppb
Potassium	39-2	53563.27	53330.90	53503.95	53466.04	0.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	490.60	487.36	504.47	494.14	1.84	ppb
Selenium	78-2	482.18	486.58	479.60	482.79	0.73	ppb
Selenium	82-1	514.84	506.01	507.67	509.51	0.92	ppb
Silicon	28-1	4129.48	4147.39	4052.82	4109.90	1.22	ppb
Silver	109-1	433.21	431.66	429.84	431.57	0.39	ppb
Silver	107-1	436.37	431.53	431.56	433.15	0.64	ppb
Sodium	23-2	93358.13	93328.09	93934.95	93540.39	0.37	ppb
Strontium	86-1	590.77	578.85	585.80	585.14	1.02	ppb
Strontium	88-1	594.56	581.97	580.84	585.79	1.30	ppb
Sulfur	34-1	1815.55	1482.31	1362.27	1553.37	15.12	ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	522.07	522.35	520.58	521.66	0.18	ppb
Thallium	205-1	519.60	518.47	516.18	518.08	0.34	ppb
Tin	118-1	512.34	503.89	503.37	506.53	0.99	ppb
Titanium	47-1	2620.70	2597.66	2586.94	2601.77	0.66	ppb
Uranium	238-1	516.39	510.58	510.29	512.42	0.67	ppb
Vanadium	51-2	527.51	528.50	531.05	529.02	0.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				88		%
Zinc	66-2	1643.05	1648.09	1650.14	1647.09	0.22	ppb
Zirconium	90-1	518.96	510.35	510.67	513.33	0.95	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02A	Instrumnet Name :	P7
Client Sample ID :	S36-0138A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:38:23	DataFile Name :	031SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	517.58	508.29	510.77	512.21	0.94	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:41:57	DataFile Name :	032CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49605.05	49284.98	48480.22	49123.42	1.18	ppb
Antimony	121-1	465.01	478.56	472.85	472.14	1.44	ppb
Arsenic	75-2	504.21	497.31	492.29	497.94	1.20	ppb
Barium	135-1	2592.77	2634.40	2577.25	2601.47	1.14	ppb
Barium	137-1	2578.11	2641.58	2584.37	2601.35	1.34	ppb
Beryllium	9-1	500.28	509.37	508.48	506.05	0.99	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	523.92	558.67	543.93	542.17	3.22	ppb
Boron	11-1	531.90	555.35	554.94	547.40	2.45	ppb
Cadmium	111-1	499.53	510.05	500.75	503.45	1.14	ppb
Cadmium	106-1	496.64	512.60	500.47	503.24	1.66	ppb
Cadmium	108-1	500.51	513.61	500.93	505.02	1.47	ppb
Calcium	43-1	248674.51	253171.67	248159.50	250001.89	1.10	ppb
Calcium	44-1	249189.94	254468.99	249722.41	251127.11	1.16	ppb
Chromium	52-2	524.70	518.04	508.50	517.08	1.57	ppb
Cobalt	59-2	515.36	509.03	501.74	508.71	1.34	ppb
Copper	63-2	1014.98	1003.22	987.83	1002.01	1.36	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				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	131150.92	129324.92	127023.87	129166.57	1.60	ppb
Iron	57-2	131635.07	129464.58	127517.04	129538.89	1.59	ppb
Lead	206-1	521.66	542.17	538.80	534.21	2.06	ppb
Lead	207-1	522.96	540.08	535.87	532.97	1.67	ppb
Lead	208-1	522.28	535.88	533.05	530.40	1.35	ppb
Lithium	6-1				91		%
Magnesium	24-2	252445.12	251148.32	247138.21	250243.88	1.11	ppb
Manganese	55-2	997.56	986.15	966.26	983.32	1.61	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:41:57	DataFile Name :	032CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2625.30	2646.90	2599.83	2624.01	0.90	ppb
Molybdenum	95-1	2625.05	2654.87	2602.15	2627.36	1.01	ppb
Molybdenum	96-1	2627.16	2654.55	2620.08	2633.93	0.69	ppb
Molybdenum	97-1	2630.12	2651.30	2616.87	2632.77	0.66	ppb
Molybdenum	98-1	2635.76	2645.47	2608.02	2629.75	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.16	513.04	500.93	510.04	1.58	ppb
Phosphorus	31-2	9717.96	9787.54	9512.91	9672.80	1.48	ppb
Potassium	39-2	123324.68	121780.90	120723.75	121943.11	1.07	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	472.47	482.67	469.85	474.99	1.43	ppb
Selenium	78-2	473.23	472.95	469.18	471.79	0.48	ppb
Selenium	82-1	501.56	508.39	499.57	503.17	0.92	ppb
Silicon	28-1	512.74	523.80	519.88	518.81	1.08	ppb
Silver	109-1	504.71	515.18	507.19	509.02	1.07	ppb
Silver	107-1	500.86	511.93	502.21	505.00	1.20	ppb
Sodium	23-2	255583.64	253655.20	249246.17	252828.34	1.28	ppb
Strontium	86-1	517.41	520.97	517.49	518.62	0.39	ppb
Strontium	88-1	520.21	526.69	518.11	521.67	0.86	ppb
Sulfur	34-1	9030.27	9088.36	8929.51	9016.05	0.89	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	519.91	530.59	527.91	526.14	1.06	ppb
Thallium	205-1	518.16	536.84	528.95	527.98	1.78	ppb
Tin	118-1	518.28	527.27	521.93	522.49	0.87	ppb
Titanium	47-1	2602.99	2643.22	2608.76	2618.32	0.83	ppb
Uranium	238-1	531.95	545.18	529.22	535.45	1.59	ppb
Vanadium	51-2	511.64	507.57	497.67	505.62	1.42	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	972.28	962.67	943.95	959.63	1.50	ppb
Zirconium	90-1	522.73	529.07	518.98	523.59	0.97	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:41:57	DataFile Name :	032CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	522.06	528.02	517.15	522.41	1.04	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:46:07	DataFile Name :	033CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.27	3.01	3.31	2.86	18.83	ppb
Antimony	121-1	0.37	0.40	0.36	0.38	6.31	ppb
Arsenic	75-2	0.15	0.08	0.04	0.09	57.93	ppb
Barium	135-1	0.30	0.20	0.21	0.24	22.69	ppb
Barium	137-1	0.24	0.21	0.25	0.23	9.06	ppb
Beryllium	9-1	0.12	0.10	0.10	0.11	10.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	26.91	27.33	23.50	25.92	8.11	ppb
Boron	11-1	26.96	26.15	23.76	25.62	6.51	ppb
Cadmium	111-1	0.06	0.04	0.03	0.04	35.68	ppb
Cadmium	106-1	-0.17	-0.59	-0.52	-0.42		ppb
Cadmium	108-1	0.12	-0.01	0.12	0.08	95.50	ppb
Calcium	43-1	18.43	20.16	17.38	18.66	7.52	ppb
Calcium	44-1	33.89	33.54	28.79	32.07	8.87	ppb
Chromium	52-2	0.05	0.03	0.06	0.05	31.52	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	22.78	ppb
Copper	63-2	0.24	0.23	0.23	0.23	2.79	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				109		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	7.93	7.98	7.46	7.79	3.65	ppb
Iron	57-2	6.97	4.91	7.11	6.33	19.43	ppb
Lead	206-1	0.09	0.09	0.08	0.09	9.40	ppb
Lead	207-1	0.07	0.08	0.07	0.08	6.99	ppb
Lead	208-1	0.08	0.08	0.08	0.08	5.88	ppb
Lithium	6-1				96		%
Magnesium	24-2	14.33	16.36	12.30	14.33	14.16	ppb
Manganese	55-2	0.08	0.08	0.07	0.07	2.39	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:46:07	DataFile Name :	033CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.59	0.52	0.45	0.52	13.42	ppb
Molybdenum	95-1	0.64	0.52	0.53	0.56	12.13	ppb
Molybdenum	96-1	0.61	0.58	0.51	0.57	9.32	ppb
Molybdenum	97-1	0.63	0.52	0.53	0.56	10.77	ppb
Molybdenum	98-1	0.61	0.56	0.51	0.56	9.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.05	0.05	0.06	24.83	ppb
Phosphorus	31-2	-6.67	-2.63	-9.12	-6.14		ppb
Potassium	39-2	11.50	7.24	4.55	7.76	45.15	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	-0.37	-0.37	-0.02	-0.25		ppb
Selenium	78-2	0.04	-0.48	-0.64	-0.36		ppb
Selenium	82-1	4.36	3.72	2.62	3.57	24.66	ppb
Silicon	28-1	-10.85	-7.96	-9.16	-9.32		ppb
Silver	109-1	0.40	0.42	0.37	0.40	6.85	ppb
Silver	107-1	0.42	0.42	0.40	0.41	2.25	ppb
Sodium	23-2	42.99	41.34	40.19	41.51	3.38	ppb
Strontium	86-1	0.05	0.06	0.05	0.06	5.07	ppb
Strontium	88-1	0.05	0.05	0.04	0.05	7.85	ppb
Sulfur	34-1	-2657.69	-2278.33	-2341.62	-2425.88		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.13	0.13	0.13	9.14	ppb
Thallium	205-1	0.15	0.14	0.12	0.14	9.32	ppb
Tin	118-1	0.17	0.19	0.14	0.17	13.93	ppb
Titanium	47-1	0.27	0.26	0.25	0.26	2.91	ppb
Uranium	238-1	0.05	0.05	0.03	0.04	24.69	ppb
Vanadium	51-2	0.03	0.04	0.03	0.03	20.80	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	0.28	0.36	0.46	0.36	24.40	ppb
Zirconium	90-1	0.10	0.09	0.08	0.09	9.75	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:46:07	DataFile Name :	033CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.12	0.08	0.10	18.60	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BL	Instrumnet Name :	P7
Client Sample ID :	PB110909BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:55:08	DataFile Name :	034CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	0.68	0.77	0.70	8.61	ppb
Antimony	121-1	0.08	0.08	0.06	0.07	10.10	ppb
Arsenic	75-2	0.02	0.05	0.04	0.03	42.09	ppb
Barium	135-1	0.04	0.03	0.04	0.04	16.61	ppb
Barium	137-1	0.03	0.03	0.03	0.03	4.97	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	12.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	8.45	9.91	9.59	9.32	8.22	ppb
Boron	11-1	9.41	9.39	8.81	9.20	3.68	ppb
Cadmium	111-1	-0.04	-0.04	-0.06	-0.05		ppb
Cadmium	106-1	-0.73	-0.94	-1.16	-0.94		ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	2.20	0.65	0.78	1.21	71.20	ppb
Calcium	44-1	7.21	6.86	7.06	7.04	2.54	ppb
Chromium	52-2	0.01	0.03	0.02	0.02	41.13	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.07	0.07	0.06	0.07	9.76	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				102		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	0.96	1.12	1.03	1.04	7.83	ppb
Iron	57-2	0.61	0.74	-0.18	0.39	128.83	ppb
Lead	206-1	0.05	0.04	0.04	0.04	16.24	ppb
Lead	207-1	0.02	0.04	0.04	0.03	25.70	ppb
Lead	208-1	0.04	0.04	0.03	0.04	5.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.77	2.33	1.93	2.01	14.40	ppb
Manganese	55-2	0.01	0.00	0.03	0.02	93.10	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BL	Instrumnet Name :	P7
Client Sample ID :	PB110909BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:55:08	DataFile Name :	034CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.06	0.07	0.08	40.24	ppb
Molybdenum	95-1	0.07	0.09	0.06	0.07	18.33	ppb
Molybdenum	96-1	0.09	0.06	0.08	0.08	18.97	ppb
Molybdenum	97-1	0.11	0.07	0.08	0.09	26.63	ppb
Molybdenum	98-1	0.09	0.07	0.07	0.08	14.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	25.40	ppb
Phosphorus	31-2	-3.40	-6.38	0.63	-3.05		ppb
Potassium	39-2	0.93	4.56	0.59	2.03	108.75	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-1.02	-0.44	-0.84	-0.77		ppb
Selenium	82-1	3.22	4.69	3.64	3.85	19.65	ppb
Silicon	28-1	-7.20	-9.31	-9.04	-8.52		ppb
Silver	109-1	0.05	0.04	0.04	0.04	12.08	ppb
Silver	107-1	0.05	0.05	0.04	0.04	11.07	ppb
Sodium	23-2	17.04	18.18	17.15	17.46	3.60	ppb
Strontium	86-1	0.04	0.00	0.06	0.03	79.84	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	4.66	ppb
Sulfur	34-1	-1703.70	-1774.70	-1733.85	-1737.42		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.02	0.02	16.43	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.03	ppb
Tin	118-1	0.02	0.03	0.02	0.02	31.66	ppb
Titanium	47-1	0.04	0.03	0.05	0.04	23.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	85.20	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	19.62	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.08	0.05	0.04	129.71	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	23.50	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BL	Instrumnet Name :	P7
Client Sample ID :	PB110909BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:55:08	DataFile Name :	034CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.02	62.58	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BS	Instrumnet Name :	P7
Client Sample ID :	PB110909BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:58:41	DataFile Name :	035LCS6_P7070818MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9294.14	9562.21	9521.43	9459.26	1.53	ppb
Antimony	121-1	498.16	508.64	502.19	503.00	1.05	ppb
Arsenic	75-2	484.31	498.84	498.61	493.92	1.69	ppb
Barium	135-1	2494.51	2527.77	2516.77	2513.02	0.67	ppb
Barium	137-1	2512.19	2545.33	2516.49	2524.67	0.71	ppb
Beryllium	9-1	484.04	491.49	490.90	488.81	0.85	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	453.48	490.87	481.37	475.24	4.09	ppb
Boron	11-1	459.28	483.87	492.02	478.39	3.56	ppb
Cadmium	111-1	504.22	503.26	500.75	502.74	0.36	ppb
Cadmium	106-1	508.77	503.26	503.72	505.25	0.60	ppb
Cadmium	108-1	503.40	508.11	504.04	505.19	0.51	ppb
Calcium	43-1	47759.99	48640.59	48380.39	48260.32	0.94	ppb
Calcium	44-1	48219.04	48693.86	48595.41	48502.77	0.52	ppb
Chromium	52-2	488.83	505.95	502.93	499.24	1.83	ppb
Cobalt	59-2	503.02	520.67	519.85	514.51	1.94	ppb
Copper	63-2	1024.04	1059.49	1051.76	1045.10	1.78	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				107		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	25463.31	26376.74	26336.83	26058.96	1.98	ppb
Iron	57-2	25396.43	26256.00	26249.91	25967.45	1.90	ppb
Lead	206-1	486.72	498.21	502.52	495.82	1.65	ppb
Lead	207-1	488.07	497.22	502.76	496.02	1.50	ppb
Lead	208-1	490.42	496.35	500.33	495.70	1.01	ppb
Lithium	6-1				95		%
Magnesium	24-2	49075.69	50767.75	50354.55	50066.00	1.76	ppb
Manganese	55-2	956.83	989.91	991.63	979.46	2.00	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BS	Instrumnet Name :	P7
Client Sample ID :	PB110909BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:58:41	DataFile Name :	035LCS6_P7070818MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2475.03	2510.03	2501.61	2495.56	0.73	ppb
Molybdenum	95-1	2487.32	2518.80	2497.73	2501.28	0.64	ppb
Molybdenum	96-1	2489.18	2535.65	2504.63	2509.82	0.94	ppb
Molybdenum	97-1	2490.28	2531.01	2499.72	2507.00	0.85	ppb
Molybdenum	98-1	2498.77	2540.60	2510.34	2516.57	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.58	522.91	519.59	515.36	2.00	ppb
Phosphorus	31-2	9577.54	9698.20	9800.60	9692.11	1.15	ppb
Potassium	39-2	23479.95	24195.87	24000.38	23892.07	1.55	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	484.47	491.65	511.74	495.95	2.85	ppb
Selenium	78-2	469.12	487.01	475.04	477.06	1.91	ppb
Selenium	82-1	497.41	508.09	506.60	504.03	1.15	ppb
Silicon	28-1	494.21	503.78	502.41	500.13	1.03	ppb
Silver	109-1	510.54	512.71	510.71	511.32	0.24	ppb
Silver	107-1	511.21	516.21	512.08	513.16	0.52	ppb
Sodium	23-2	49368.66	51310.48	50799.91	50493.02	1.99	ppb
Strontium	86-1	486.07	496.69	491.27	491.34	1.08	ppb
Strontium	88-1	493.54	502.15	497.12	497.61	0.87	ppb
Sulfur	34-1	8737.75	8788.86	8551.61	8692.74	1.44	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	482.84	497.32	497.72	492.63	1.72	ppb
Thallium	205-1	492.86	501.71	502.73	499.10	1.09	ppb
Tin	118-1	496.71	504.95	502.65	501.44	0.85	ppb
Titanium	47-1	2493.11	2512.45	2508.97	2504.84	0.41	ppb
Uranium	238-1	479.66	496.72	491.78	489.39	1.79	ppb
Vanadium	51-2	487.81	502.58	501.70	497.36	1.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	995.99	1029.38	1020.10	1015.16	1.70	ppb
Zirconium	90-1	496.73	503.25	499.11	499.69	0.66	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BS	Instrumnet Name :	P7
Client Sample ID :	PB110909BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:58:41	DataFile Name :	035LCS6_P7070818MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.59	495.71	494.46	492.92	0.77	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:02:15 DataFile Name : 036SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105158.07	104884.76	105882.17	105308.33	0.49	ppb
Antimony	121-1	0.78	0.63	0.58	0.67	15.83	ppb
Arsenic	75-2	20.35	20.05	20.03	20.14	0.89	ppb
Barium	135-1	867.63	840.10	847.59	851.77	1.67	ppb
Barium	137-1	871.30	841.08	846.21	852.86	1.90	ppb
Beryllium	9-1	8.21	8.03	8.33	8.19	1.82	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Boron	10-1	108.19	99.43	101.54	103.05	4.44	ppb
Boron	11-1	106.97	105.31	101.64	104.64	2.60	ppb
Cadmium	111-1	4.10	3.90	4.06	4.02	2.58	ppb
Cadmium	106-1	23.95	22.72	23.98	23.55	3.05	ppb
Cadmium	108-1	9.34	9.50	9.86	9.57	2.81	ppb
Calcium	43-1	2114003.15	2063968.86	2057945.97	2078639.33	1.48	ppb
Calcium	44-1	2115862.66	2076186.06	2072152.70	2088067.14	1.16	ppb
Chromium	52-2	1696.34	1691.23	1699.41	1695.66	0.24	ppb
Cobalt	59-2	34.26	34.26	34.34	34.29	0.14	ppb
Copper	63-2	87.61	87.62	87.99	87.74	0.25	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				98		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	123987.33	123678.92	124219.58	123961.94	0.22	ppb
Iron	57-2	129704.70	129144.65	129443.41	129430.92	0.22	ppb
Lead	206-1	135.33	131.53	132.36	133.07	1.50	ppb
Lead	207-1	121.77	117.90	118.75	119.47	1.70	ppb
Lead	208-1	127.12	123.71	123.88	124.90	1.54	ppb
Lithium	6-1				84		%
Magnesium	24-2	33448.58	33377.24	33575.89	33467.24	0.30	ppb
Manganese	55-2	3221.05	3204.93	3225.08	3217.02	0.33	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:02:15	DataFile Name :	036SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	101.85	99.19	99.86	100.30	1.38	ppb
Molybdenum	95-1	4.87	4.65	4.97	4.83	3.43	ppb
Molybdenum	96-1	16.77	16.68	16.67	16.71	0.33	ppb
Molybdenum	97-1	5.08	4.63	4.55	4.75	5.91	ppb
Molybdenum	98-1	4.93	4.83	4.74	4.83	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.39	101.67	102.68	102.25	0.51	ppb
Phosphorus	31-2	11064.82	10802.76	11030.26	10965.95	1.30	ppb
Potassium	39-2	29012.45	28935.08	29148.32	29031.95	0.37	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	80.10	83.09	78.55	80.58	2.86	ppb
Selenium	78-2	15.94	15.00	17.36	16.10	7.37	ppb
Selenium	82-1	5.32	4.57	4.38	4.76	10.37	ppb
Silicon	28-1	14439.06	14190.14	14125.62	14251.61	1.16	ppb
Silver	109-1	0.30	0.26	0.27	0.28	7.84	ppb
Silver	107-1	0.52	0.35	0.32	0.40	27.21	ppb
Sodium	23-2	1584.53	1587.77	1596.96	1589.75	0.41	ppb
Strontium	86-1	1473.06	1446.51	1453.32	1457.63	0.95	ppb
Strontium	88-1	1479.23	1453.56	1455.77	1462.85	0.97	ppb
Sulfur	34-1	1395.66	1156.35	1157.75	1236.59	11.14	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	2.04	1.89	2.00	1.98	3.97	ppb
Thallium	205-1	2.05	1.96	1.93	1.98	3.14	ppb
Tin	118-1	0.78	0.74	0.70	0.74	4.91	ppb
Titanium	47-1	99.98	97.98	98.89	98.95	1.01	ppb
Uranium	238-1	16.22	16.17	16.00	16.13	0.71	ppb
Vanadium	51-2	234.20	233.49	235.83	234.51	0.51	ppb
Yttrium	89-1				135		%
Yttrium	89-2				133		%
Zinc	66-2	319.44	322.07	319.58	320.36	0.46	ppb
Zirconium	90-1	64.30	62.96	62.42	63.23	1.53	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:02:15	DataFile Name :	036SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	63.78	62.09	62.30	62.72	1.47	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06DUP Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:05:54 DataFile Name : 037SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104345.37	104893.73	104699.52	104646.20	0.27	ppb
Antimony	121-1	0.26	0.23	0.26	0.25	6.63	ppb
Arsenic	75-2	19.88	19.52	20.35	19.92	2.08	ppb
Barium	135-1	848.89	840.80	826.19	838.63	1.37	ppb
Barium	137-1	850.00	845.73	829.14	841.63	1.31	ppb
Beryllium	9-1	8.03	8.10	8.01	8.05	0.57	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Boron	10-1	85.60	87.86	87.97	87.14	1.54	ppb
Boron	11-1	88.78	89.65	89.10	89.18	0.49	ppb
Cadmium	111-1	4.21	4.00	3.77	3.99	5.57	ppb
Cadmium	106-1	24.42	21.45	21.84	22.57	7.15	ppb
Cadmium	108-1	9.59	8.81	9.91	9.44	5.98	ppb
Calcium	43-1	2056375.28	2049184.20	2049213.23	2051590.90	0.20	ppb
Calcium	44-1	2075285.26	2058815.12	2058659.89	2064253.42	0.46	ppb
Chromium	52-2	1686.81	1695.43	1689.18	1690.47	0.26	ppb
Cobalt	59-2	34.11	34.19	34.12	34.14	0.12	ppb
Copper	63-2	87.26	87.41	86.94	87.20	0.28	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				98		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	123637.23	124131.15	123703.75	123824.04	0.22	ppb
Iron	57-2	129244.87	129199.26	128221.66	128888.60	0.45	ppb
Lead	206-1	132.08	130.15	127.36	129.86	1.82	ppb
Lead	207-1	117.57	117.79	115.15	116.84	1.26	ppb
Lead	208-1	123.53	122.67	121.04	122.41	1.03	ppb
Lithium	6-1				84		%
Magnesium	24-2	33109.36	33428.09	33006.66	33181.37	0.66	ppb
Manganese	55-2	3202.63	3213.23	3200.85	3205.57	0.21	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06DUP	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:05:54	DataFile Name :	037SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	99.37	98.95	97.98	98.77	0.72	ppb
Molybdenum	95-1	4.46	4.50	4.34	4.43	1.87	ppb
Molybdenum	96-1	16.57	16.21	16.11	16.30	1.47	ppb
Molybdenum	97-1	4.39	4.37	4.52	4.42	1.80	ppb
Molybdenum	98-1	4.49	4.39	4.36	4.41	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.11	102.83	101.39	102.11	0.71	ppb
Phosphorus	31-2	10669.47	10888.77	11086.24	10881.49	1.92	ppb
Potassium	39-2	28942.91	28966.02	28825.19	28911.37	0.26	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	85.09	80.58	83.90	83.19	2.81	ppb
Selenium	78-2	16.15	14.63	18.05	16.27	10.52	ppb
Selenium	82-1	5.58	4.96	5.51	5.35	6.39	ppb
Silicon	28-1	14331.53	14285.34	14303.16	14306.68	0.16	ppb
Silver	109-1	0.23	0.27	0.22	0.24	10.07	ppb
Silver	107-1	0.32	0.34	0.33	0.33	3.32	ppb
Sodium	23-2	1561.29	1573.72	1560.49	1565.16	0.47	ppb
Strontium	86-1	1447.62	1452.79	1438.57	1446.33	0.50	ppb
Strontium	88-1	1452.87	1449.18	1438.19	1446.75	0.53	ppb
Sulfur	34-1	1255.05	1127.41	1115.18	1165.88	6.64	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	1.86	1.90	1.80	1.85	2.66	ppb
Thallium	205-1	1.88	1.85	1.77	1.83	3.19	ppb
Tin	118-1	0.61	0.57	0.52	0.57	7.73	ppb
Titanium	47-1	97.86	98.19	97.08	97.71	0.59	ppb
Uranium	238-1	16.10	15.84	15.95	15.96	0.81	ppb
Vanadium	51-2	234.31	235.43	234.10	234.61	0.30	ppb
Yttrium	89-1				137		%
Yttrium	89-2				134		%
Zinc	66-2	317.87	321.34	318.57	319.26	0.57	ppb
Zirconium	90-1	63.17	62.57	61.66	62.47	1.22	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06DUP	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:05:54	DataFile Name :	037SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	61.83	62.06	61.42	61.77	0.53	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06LX5 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 5
 Date & Time Acquired :: 2018-07-08 15:09:34 DataFile Name : 038SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22527.76	22746.08	22992.62	22755.49	1.02	ppb
Antimony	121-1	0.06	0.07	0.06	0.07	12.18	ppb
Arsenic	75-2	5.39	5.55	5.33	5.42	2.10	ppb
Barium	135-1	160.67	167.19	159.98	162.61	2.45	ppb
Barium	137-1	161.21	168.09	161.10	163.47	2.45	ppb
Beryllium	9-1	1.65	1.73	1.66	1.68	2.70	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	24.04	26.22	23.51	24.59	5.85	ppb
Boron	11-1	23.39	24.41	23.84	23.88	2.14	ppb
Cadmium	111-1	0.76	0.94	0.93	0.88	11.62	ppb
Cadmium	106-1	4.17	6.26	5.44	5.29	19.96	ppb
Cadmium	108-1	1.93	1.79	2.01	1.91	5.73	ppb
Calcium	43-1	419762.26	443209.26	417473.68	426815.07	3.34	ppb
Calcium	44-1	421756.96	442842.38	419733.90	428111.08	2.99	ppb
Chromium	52-2	360.72	367.29	370.60	366.20	1.37	ppb
Cobalt	59-2	7.67	7.83	7.65	7.72	1.29	ppb
Copper	63-2	20.14	20.19	20.45	20.26	0.81	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				103		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	27121.81	27693.30	27767.73	27527.62	1.28	ppb
Iron	57-2	27577.84	28197.53	28452.27	28075.88	1.60	ppb
Lead	206-1	24.66	25.64	24.36	24.89	2.69	ppb
Lead	207-1	21.59	22.98	21.40	21.99	3.92	ppb
Lead	208-1	22.84	24.09	22.79	23.24	3.17	ppb
Lithium	6-1				90		%
Magnesium	24-2	7172.82	7284.39	7346.27	7267.82	1.21	ppb
Manganese	55-2	689.38	704.52	706.02	699.97	1.32	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06LX5 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 5
 Date & Time Acquired :: 2018-07-08 15:09:34 DataFile Name : 038SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	25.11	26.01	25.18	25.43	1.98	ppb
Molybdenum	95-1	1.19	1.19	1.20	1.19	0.46	ppb
Molybdenum	96-1	4.05	4.41	4.14	4.20	4.45	ppb
Molybdenum	97-1	1.16	1.23	1.19	1.19	3.08	ppb
Molybdenum	98-1	1.13	1.28	1.13	1.18	7.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.91	23.39	23.48	23.26	1.31	ppb
Phosphorus	31-2	2362.07	2397.02	2481.21	2413.43	2.54	ppb
Potassium	39-2	6075.81	6165.12	6202.04	6147.66	1.06	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	77-2	22.04	19.48	18.52	20.01	9.09	ppb
Selenium	78-2	4.38	3.41	3.61	3.80	13.35	ppb
Selenium	82-1	3.79	4.08	3.97	3.94	3.69	ppb
Silicon	28-1	2903.66	3000.90	2857.56	2920.71	2.51	ppb
Silver	109-1	0.06	0.08	0.06	0.07	12.50	ppb
Silver	107-1	0.08	0.08	0.07	0.08	6.57	ppb
Sodium	23-2	336.21	341.93	345.04	341.06	1.31	ppb
Strontium	86-1	362.81	377.76	362.48	367.68	2.37	ppb
Strontium	88-1	368.78	384.20	369.09	374.02	2.36	ppb
Sulfur	34-1	-681.90	-340.62	-703.70	-575.40		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.36	0.38	0.31	0.35	10.30	ppb
Thallium	205-1	0.35	0.35	0.35	0.35	1.21	ppb
Tin	118-1	0.17	0.10	0.11	0.13	27.95	ppb
Titanium	47-1	19.87	20.94	19.57	20.12	3.58	ppb
Uranium	238-1	2.96	2.97	2.89	2.94	1.36	ppb
Vanadium	51-2	49.94	51.04	51.28	50.75	1.41	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	74.71	78.21	78.03	76.98	2.56	ppb
Zirconium	90-1	15.62	16.35	15.52	15.83	2.86	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06LX5	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 15:09:34	DataFile Name :	038SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	15.27	15.92	15.62	15.61	2.07	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-07 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:32:26 DataFile Name : 043SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105491.34	105173.72	104821.01	105162.02	0.32	ppb
Antimony	121-1	450.68	452.35	451.55	451.53	0.19	ppb
Arsenic	75-2	352.62	352.94	348.21	351.26	0.75	ppb
Barium	135-1	3228.49	3235.29	3213.69	3225.83	0.34	ppb
Barium	137-1	3240.36	3230.20	3236.23	3235.60	0.16	ppb
Beryllium	9-1	485.94	485.26	487.98	486.39	0.29	ppb
Bismuth	209-1				84		%
Bismuth	209-2				83		%
Boron	10-1	549.63	562.36	571.28	561.09	1.94	ppb
Boron	11-1	550.17	559.04	572.09	560.43	1.97	ppb
Cadmium	111-1	432.81	432.99	435.37	433.72	0.33	ppb
Cadmium	106-1	460.93	468.32	470.43	466.56	1.07	ppb
Cadmium	108-1	446.27	440.00	455.96	447.41	1.80	ppb
Calcium	43-1	1886638.73	1895387.27	1893498.02	1891841.34	0.24	ppb
Calcium	44-1	1898511.77	1903210.22	1906318.17	1902680.05	0.21	ppb
Chromium	52-2	1655.52	1641.75	1648.13	1648.47	0.42	ppb
Cobalt	59-2	477.25	480.78	478.34	478.79	0.38	ppb
Copper	63-2	928.69	932.54	928.52	929.92	0.24	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				96		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	125141.47	124956.85	125097.73	125065.35	0.08	ppb
Iron	57-2	130211.90	130067.55	129439.99	129906.48	0.32	ppb
Lead	206-1	611.19	620.24	620.00	617.14	0.84	ppb
Lead	207-1	590.49	587.68	592.12	590.10	0.38	ppb
Lead	208-1	600.04	597.56	602.09	599.89	0.38	ppb
Lithium	6-1				73		%
Magnesium	24-2	73429.20	73197.31	72813.48	73146.66	0.43	ppb
Manganese	55-2	4104.19	4092.33	4104.16	4100.22	0.17	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-07 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:32:26 DataFile Name : 043SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1844.34	1834.90	1849.56	1842.93	0.40	ppb
Molybdenum	95-1	1754.14	1745.80	1762.28	1754.07	0.47	ppb
Molybdenum	96-1	1772.58	1771.20	1781.35	1775.04	0.31	ppb
Molybdenum	97-1	1756.98	1756.44	1769.49	1760.97	0.42	ppb
Molybdenum	98-1	1753.96	1756.95	1766.69	1759.20	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.08	526.58	523.61	525.76	0.36	ppb
Phosphorus	31-2	9151.43	9140.30	8959.75	9083.82	1.18	ppb
Potassium	39-2	48848.95	48785.80	48874.79	48836.52	0.09	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	387.70	403.04	397.58	396.11	1.96	ppb
Selenium	78-2	335.10	335.45	332.34	334.30	0.51	ppb
Selenium	82-1	328.28	328.93	326.69	327.97	0.35	ppb
Silicon	28-1	18352.79	18335.72	18359.85	18349.45	0.07	ppb
Silver	109-1	295.36	265.05	260.42	273.61	6.94	ppb
Silver	107-1	264.25	306.86	261.15	277.42	9.21	ppb
Sodium	23-2	45270.53	45256.51	44992.54	45173.19	0.35	ppb
Strontium	86-1	1785.99	1781.74	1787.27	1785.00	0.16	ppb
Strontium	88-1	1794.03	1788.74	1788.49	1790.42	0.17	ppb
Sulfur	34-1	1301.38	1003.48	1047.67	1117.51	14.39	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	506.85	503.88	508.92	506.55	0.50	ppb
Thallium	205-1	503.96	503.64	505.17	504.26	0.16	ppb
Tin	118-1	474.01	470.91	469.47	471.46	0.49	ppb
Titanium	47-1	2360.96	2356.61	2361.23	2359.60	0.11	ppb
Uranium	238-1	522.02	526.05	532.95	527.01	1.05	ppb
Vanadium	51-2	658.23	653.99	654.11	655.44	0.37	ppb
Yttrium	89-1				125		%
Yttrium	89-2				126		%
Zinc	66-2	1086.15	1093.97	1084.45	1088.19	0.47	ppb
Zirconium	90-1	404.90	408.45	408.55	407.30	0.51	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-07	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:32:26	DataFile Name :	043SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	402.59	405.54	403.80	403.98	0.37	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-08 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:36:06 DataFile Name : 044SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113926.93	114485.04	113581.38	113997.78	0.40	ppb
Antimony	121-1	446.90	449.31	455.38	450.53	0.97	ppb
Arsenic	75-2	350.64	350.14	349.96	350.25	0.10	ppb
Barium	135-1	3477.84	3516.28	3513.64	3502.59	0.61	ppb
Barium	137-1	3479.66	3502.71	3514.64	3499.00	0.51	ppb
Beryllium	9-1	484.51	488.07	488.65	487.08	0.46	ppb
Bismuth	209-1				85		%
Bismuth	209-2				83		%
Boron	10-1	570.13	583.15	595.89	583.06	2.21	ppb
Boron	11-1	568.76	587.15	592.69	582.87	2.15	ppb
Cadmium	111-1	431.92	431.74	434.24	432.63	0.32	ppb
Cadmium	106-1	457.70	453.20	470.71	460.54	1.97	ppb
Cadmium	108-1	441.17	440.70	442.23	441.36	0.18	ppb
Calcium	43-1	1915243.66	1916583.51	1929850.78	1920559.32	0.42	ppb
Calcium	44-1	1928254.59	1933715.41	1945150.07	1935706.69	0.45	ppb
Chromium	52-2	1667.90	1683.28	1673.98	1675.05	0.46	ppb
Cobalt	59-2	479.22	486.07	481.48	482.26	0.72	ppb
Copper	63-2	923.66	932.10	927.75	927.84	0.45	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				97		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	135229.67	135872.38	135249.43	135450.49	0.27	ppb
Iron	57-2	139427.74	140258.64	139714.17	139800.18	0.30	ppb
Lead	206-1	617.47	610.97	619.53	615.99	0.73	ppb
Lead	207-1	591.47	589.05	594.37	591.63	0.45	ppb
Lead	208-1	600.52	597.09	602.42	600.01	0.45	ppb
Lithium	6-1				73		%
Magnesium	24-2	74432.98	75346.16	74685.85	74821.66	0.63	ppb
Manganese	55-2	5559.87	5598.49	5561.87	5573.41	0.39	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-08 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:36:06 DataFile Name : 044SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1817.01	1827.07	1836.65	1826.91	0.54	ppb
Molybdenum	95-1	1731.87	1738.34	1743.18	1737.80	0.33	ppb
Molybdenum	96-1	1751.56	1751.16	1751.18	1751.30	0.01	ppb
Molybdenum	97-1	1743.49	1740.32	1744.05	1742.62	0.12	ppb
Molybdenum	98-1	1759.03	1752.48	1753.77	1755.09	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.45	534.99	533.70	533.05	0.44	ppb
Phosphorus	31-2	8722.83	8735.06	8920.84	8792.91	1.26	ppb
Potassium	39-2	50280.56	50670.47	50391.11	50447.38	0.40	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	397.20	388.45	406.25	397.30	2.24	ppb
Selenium	78-2	326.85	325.01	325.39	325.75	0.30	ppb
Selenium	82-1	319.31	325.08	321.69	322.03	0.90	ppb
Silicon	28-1	19162.58	19163.90	19209.34	19178.61	0.14	ppb
Silver	109-1	235.31	302.57	242.37	260.09	14.21	ppb
Silver	107-1	258.81	256.12	227.82	247.58	6.94	ppb
Sodium	23-2	47712.49	48256.78	48066.24	48011.84	0.58	ppb
Strontium	86-1	1707.45	1716.88	1722.55	1715.62	0.44	ppb
Strontium	88-1	1719.50	1734.88	1720.56	1724.98	0.50	ppb
Sulfur	34-1	435.86	408.20	383.43	409.16	6.41	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	506.64	503.69	510.51	506.95	0.67	ppb
Thallium	205-1	500.98	495.61	502.96	499.85	0.76	ppb
Tin	118-1	465.04	470.53	473.70	469.76	0.93	ppb
Titanium	47-1	2358.12	2369.30	2380.02	2369.15	0.46	ppb
Uranium	238-1	520.76	524.58	524.83	523.39	0.44	ppb
Vanadium	51-2	642.67	650.45	647.52	646.88	0.61	ppb
Yttrium	89-1				126		%
Yttrium	89-2				127		%
Zinc	66-2	1096.75	1112.77	1113.73	1107.75	0.86	ppb
Zirconium	90-1	406.73	407.41	407.39	407.18	0.09	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-08	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:36:06	DataFile Name :	044SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	404.70	404.27	406.58	405.18	0.30	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-09 Instrumnet Name : P7
 Client Sample ID : WP021SB476-27-29-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:43:19 DataFile Name : 046SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85114.10	85576.83	84882.42	85191.12	0.42	ppb
Antimony	121-1	0.34	0.34	0.32	0.33	3.96	ppb
Arsenic	75-2	15.85	16.28	15.76	15.96	1.75	ppb
Barium	135-1	579.17	581.29	587.12	582.53	0.71	ppb
Barium	137-1	586.46	579.90	587.58	584.65	0.71	ppb
Beryllium	9-1	7.66	7.47	7.37	7.50	1.99	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	89.32	88.15	90.60	89.36	1.37	ppb
Boron	11-1	86.27	88.56	87.58	87.47	1.31	ppb
Cadmium	111-1	3.37	3.14	3.43	3.31	4.57	ppb
Cadmium	106-1	19.85	17.65	19.90	19.13	6.71	ppb
Cadmium	108-1	8.80	7.95	7.38	8.04	8.85	ppb
Calcium	43-1	1912316.21	1900306.14	1909941.30	1907521.21	0.33	ppb
Calcium	44-1	1920375.97	1906697.11	1918174.94	1915082.67	0.38	ppb
Chromium	52-2	539.36	540.40	539.90	539.89	0.10	ppb
Cobalt	59-2	63.02	63.22	62.89	63.04	0.27	ppb
Copper	63-2	79.20	79.87	79.42	79.50	0.43	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				97		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	88941.20	89033.35	88533.29	88835.95	0.30	ppb
Iron	57-2	93832.57	93612.36	93277.50	93574.14	0.30	ppb
Lead	206-1	118.25	117.27	116.50	117.34	0.75	ppb
Lead	207-1	104.70	106.10	105.14	105.31	0.68	ppb
Lead	208-1	110.60	110.40	110.31	110.43	0.13	ppb
Lithium	6-1				73		%
Magnesium	24-2	29970.68	29980.34	29796.82	29915.95	0.35	ppb
Manganese	55-2	2521.64	2516.67	2508.84	2515.72	0.26	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-09	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-27-29-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:43:19	DataFile Name :	046SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	87.65	87.53	86.64	87.27	0.64	ppb
Molybdenum	95-1	7.13	7.00	7.08	7.07	0.91	ppb
Molybdenum	96-1	17.06	16.82	16.92	16.93	0.72	ppb
Molybdenum	97-1	6.98	7.09	7.19	7.09	1.43	ppb
Molybdenum	98-1	7.03	7.04	6.96	7.01	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.98	107.40	107.47	107.95	0.83	ppb
Phosphorus	31-2	5782.25	5688.35	5816.08	5762.23	1.15	ppb
Potassium	39-2	22564.96	22581.14	22531.53	22559.21	0.11	ppb
Rhodium	103-1				82		%
Rhodium	103-2				80		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	71.69	70.16	74.29	72.05	2.90	ppb
Selenium	78-2	12.85	14.75	14.12	13.91	6.97	ppb
Selenium	82-1	6.09	5.14	4.87	5.37	11.97	ppb
Silicon	28-1	20483.16	20232.04	20354.92	20356.71	0.62	ppb
Silver	109-1	0.20	0.18	0.18	0.19	5.11	ppb
Silver	107-1	0.29	0.28	0.28	0.28	3.07	ppb
Sodium	23-2	1794.87	1794.91	1782.72	1790.83	0.39	ppb
Strontium	86-1	1725.44	1729.85	1725.02	1726.77	0.15	ppb
Strontium	88-1	1745.31	1739.19	1740.64	1741.71	0.18	ppb
Sulfur	34-1	1391.10	1113.57	1156.33	1220.33	12.24	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	1.85	1.79	1.78	1.81	2.23	ppb
Thallium	205-1	1.82	1.84	1.80	1.82	0.90	ppb
Tin	118-1	1.02	1.04	0.95	1.00	4.65	ppb
Titanium	47-1	120.97	121.82	120.52	121.11	0.55	ppb
Uranium	238-1	10.77	10.73	10.75	10.75	0.20	ppb
Vanadium	51-2	167.85	167.29	167.91	167.68	0.20	ppb
Yttrium	89-1				123		%
Yttrium	89-2				122		%
Zinc	66-2	284.46	283.10	281.05	282.87	0.61	ppb
Zirconium	90-1	53.52	53.09	53.40	53.34	0.42	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-09	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-27-29-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:43:19	DataFile Name :	046SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.66	52.97	52.76	53.13	0.89	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06A Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:00:22 DataFile Name : 048SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	109493.76	110186.28	109325.83	109668.62	0.42	ppb
Antimony	121-1	445.55	449.06	445.86	446.82	0.43	ppb
Arsenic	75-2	348.59	349.29	349.13	349.00	0.11	ppb
Barium	135-1	3350.66	3366.63	3343.00	3353.43	0.36	ppb
Barium	137-1	3351.76	3382.84	3334.07	3356.23	0.74	ppb
Beryllium	9-1	499.02	495.62	495.07	496.57	0.43	ppb
Bismuth	209-1				84		%
Bismuth	209-2				82		%
Boron	10-1	579.68	587.74	592.17	586.53	1.08	ppb
Boron	11-1	574.48	588.20	598.08	586.92	2.02	ppb
Cadmium	111-1	427.89	432.45	425.95	428.76	0.78	ppb
Cadmium	106-1	458.33	460.96	446.86	455.38	1.65	ppb
Cadmium	108-1	445.76	444.54	442.32	444.21	0.39	ppb
Calcium	43-1	1913166.62	1905877.39	1914056.75	1911033.59	0.23	ppb
Calcium	44-1	1918261.22	1916768.47	1927055.47	1920695.06	0.29	ppb
Chromium	52-2	1653.24	1667.29	1650.71	1657.08	0.54	ppb
Cobalt	59-2	475.61	480.60	478.23	478.15	0.52	ppb
Copper	63-2	922.39	933.92	926.77	927.69	0.63	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				95		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				88		%
Iron	56-2	129256.84	130401.93	129789.41	129816.06	0.44	ppb
Iron	57-2	134309.37	135305.46	134354.09	134656.31	0.42	ppb
Lead	206-1	613.55	612.98	617.25	614.59	0.38	ppb
Lead	207-1	594.91	589.15	594.49	592.85	0.54	ppb
Lead	208-1	598.25	598.28	602.71	599.75	0.43	ppb
Lithium	6-1				70		%
Magnesium	24-2	73630.91	74464.48	73839.47	73978.29	0.59	ppb
Manganese	55-2	4807.42	4852.97	4799.01	4819.80	0.60	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06A Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:00:22 DataFile Name : 048SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1835.80	1821.91	1836.85	1831.52	0.46	ppb
Molybdenum	95-1	1743.70	1745.26	1743.23	1744.06	0.06	ppb
Molybdenum	96-1	1752.27	1753.02	1756.10	1753.80	0.12	ppb
Molybdenum	97-1	1754.67	1744.13	1743.92	1747.57	0.35	ppb
Molybdenum	98-1	1758.57	1746.48	1743.49	1749.52	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.78	530.60	527.76	528.05	0.46	ppb
Phosphorus	31-2	8952.81	8685.78	9003.54	8880.71	1.92	ppb
Potassium	39-2	49407.98	49578.76	49489.16	49491.96	0.17	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	77-2	378.04	404.77	393.57	392.13	3.42	ppb
Selenium	78-2	326.94	325.54	324.30	325.59	0.41	ppb
Selenium	82-1	325.77	321.36	323.20	323.44	0.68	ppb
Silicon	28-1	18900.71	18881.79	19068.00	18950.17	0.54	ppb
Silver	109-1	223.08	166.59	198.69	196.12	14.45	ppb
Silver	107-1	205.60	214.38	256.23	225.40	12.00	ppb
Sodium	23-2	46650.25	47047.80	46551.21	46749.75	0.56	ppb
Strontium	86-1	1748.41	1746.99	1748.37	1747.92	0.05	ppb
Strontium	88-1	1766.61	1759.62	1757.11	1761.12	0.28	ppb
Sulfur	34-1	1345.73	1027.30	884.13	1085.72	21.76	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	511.88	505.65	499.56	505.70	1.22	ppb
Thallium	205-1	502.77	503.27	504.61	503.55	0.19	ppb
Tin	118-1	461.41	465.37	468.67	465.15	0.78	ppb
Titanium	47-1	2376.58	2355.11	2374.28	2368.66	0.50	ppb
Uranium	238-1	527.41	525.17	527.20	526.59	0.23	ppb
Vanadium	51-2	645.55	653.51	650.19	649.75	0.62	ppb
Yttrium	89-1				121		%
Yttrium	89-2				124		%
Zinc	66-2	1095.97	1100.67	1095.35	1097.33	0.26	ppb
Zirconium	90-1	407.24	407.26	405.47	406.66	0.25	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06A	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:00:22	DataFile Name :	048SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	405.71	402.18	402.33	403.41	0.50	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:04:35	DataFile Name :	049CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51957.86	52407.53	52163.92	52176.44	0.43	ppb
Antimony	121-1	495.59	498.37	499.42	497.79	0.40	ppb
Arsenic	75-2	500.48	502.84	501.93	501.75	0.24	ppb
Barium	135-1	2524.96	2521.26	2540.38	2528.86	0.40	ppb
Barium	137-1	2511.65	2541.68	2539.36	2530.90	0.66	ppb
Beryllium	9-1	536.25	540.68	540.33	539.08	0.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	528.59	550.09	546.06	541.58	2.11	ppb
Boron	11-1	518.35	539.35	540.96	532.89	2.37	ppb
Cadmium	111-1	474.58	477.79	475.22	475.86	0.36	ppb
Cadmium	106-1	485.85	480.22	494.47	486.85	1.47	ppb
Cadmium	108-1	477.78	484.95	487.47	483.40	1.04	ppb
Calcium	43-1	243596.54	245997.73	245482.27	245025.51	0.52	ppb
Calcium	44-1	244512.41	245062.10	246185.37	245253.29	0.35	ppb
Chromium	52-2	524.01	525.18	526.33	525.17	0.22	ppb
Cobalt	59-2	519.96	519.56	524.76	521.42	0.56	ppb
Copper	63-2	1012.47	1014.06	1020.00	1015.51	0.39	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				97		%
Indium	115-2				96		%
Iron	56-2	132543.05	132919.78	133465.34	132976.06	0.35	ppb
Iron	57-2	133553.19	132640.59	134343.53	133512.43	0.64	ppb
Lead	206-1	515.23	518.51	517.24	517.00	0.32	ppb
Lead	207-1	520.61	519.01	520.58	520.07	0.18	ppb
Lead	208-1	513.15	516.41	517.39	515.65	0.43	ppb
Lithium	6-1				76		%
Magnesium	24-2	255629.20	257221.12	257510.21	256786.84	0.39	ppb
Manganese	55-2	1009.89	1016.51	1028.65	1018.35	0.93	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:04:35	DataFile Name :	049CCV_P7070818MS.C

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2536.49	2540.63	2544.73	2540.61	0.16	ppb
Molybdenum	95-1	2542.89	2558.29	2552.35	2551.18	0.30	ppb
Molybdenum	96-1	2552.91	2566.48	2551.59	2556.99	0.32	ppb
Molybdenum	97-1	2556.18	2564.77	2551.95	2557.63	0.26	ppb
Molybdenum	98-1	2561.86	2555.03	2557.91	2558.27	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.96	517.41	522.53	518.97	0.60	ppb
Phosphorus	31-2	10061.00	10070.20	9997.62	10042.94	0.39	ppb
Potassium	39-2	124430.42	124858.87	124923.99	124737.76	0.21	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	475.83	501.39	497.25	491.49	2.79	ppb
Selenium	78-2	492.45	497.80	485.00	491.75	1.31	ppb
Selenium	82-1	483.62	485.81	483.51	484.31	0.27	ppb
Silicon	28-1	602.68	614.08	619.50	612.09	1.40	ppb
Silver	109-1	474.75	476.53	479.20	476.83	0.47	ppb
Silver	107-1	477.19	480.46	485.07	480.91	0.82	ppb
Sodium	23-2	253882.20	254417.84	256427.69	254909.24	0.53	ppb
Strontium	86-1	500.32	506.15	504.55	503.67	0.60	ppb
Strontium	88-1	506.03	507.96	509.53	507.84	0.35	ppb
Sulfur	34-1	9478.71	9575.78	9588.74	9547.74	0.63	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	509.88	519.29	514.03	514.40	0.92	ppb
Thallium	205-1	511.68	515.94	509.44	512.35	0.64	ppb
Tin	118-1	497.67	499.11	496.80	497.86	0.24	ppb
Titanium	47-1	2539.54	2554.11	2571.35	2555.00	0.62	ppb
Uranium	238-1	525.57	529.13	531.46	528.72	0.56	ppb
Vanadium	51-2	517.82	523.63	526.35	522.60	0.83	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	1000.29	997.32	1006.90	1001.50	0.49	ppb
Zirconium	90-1	510.00	511.27	507.64	509.64	0.36	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:04:35	DataFile Name :	049CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.57	505.97	504.28	504.94	0.18	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:18:39	DataFile Name :	050CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	1.42	0.96	1.04	33.49	ppb
Antimony	121-1	0.14	0.12	0.14	0.13	6.23	ppb
Arsenic	75-2	0.04	0.02	0.01	0.02	84.40	ppb
Barium	135-1	0.03	0.03	0.04	0.03	23.49	ppb
Barium	137-1	0.03	0.03	0.06	0.04	40.02	ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	13.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	7.09	7.84	7.54	7.49	5.02	ppb
Boron	11-1	7.89	7.71	7.47	7.69	2.73	ppb
Cadmium	111-1	-0.09	-0.10	-0.06	-0.08		ppb
Cadmium	106-1	-1.30	-1.57	-0.78	-1.22		ppb
Cadmium	108-1	-0.11	-0.03	0.05	-0.03		ppb
Calcium	43-1	8.30	9.59	6.28	8.06	20.71	ppb
Calcium	44-1	8.57	7.11	7.29	7.65	10.38	ppb
Chromium	52-2	0.00	-0.01	0.02	0.00	508.76	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.05	-0.04	-0.04		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				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	2.01	1.79	1.89	1.90	5.65	ppb
Iron	57-2	2.84	0.64	0.78	1.42	86.87	ppb
Lead	206-1	0.08	0.09	0.07	0.08	12.05	ppb
Lead	207-1	0.09	0.08	0.09	0.08	7.99	ppb
Lead	208-1	0.08	0.08	0.07	0.08	7.05	ppb
Lithium	6-1				81		%
Magnesium	24-2	3.07	2.67	2.40	2.72	12.43	ppb
Manganese	55-2	0.03	0.02	0.03	0.03	12.82	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:18:39	DataFile Name :	050CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.07	0.07	0.08	9.59	ppb
Molybdenum	95-1	0.06	0.07	0.08	0.07	13.03	ppb
Molybdenum	96-1	0.10	0.07	0.06	0.08	24.08	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	16.27	ppb
Molybdenum	98-1	0.09	0.07	0.08	0.08	12.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.02	0.02	81.14	ppb
Phosphorus	31-2	-13.02	-17.06	-11.57	-13.88		ppb
Potassium	39-2	5.37	0.37	3.89	3.21	80.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	0.01	0.01	0.01	0.01	1.62	ppb
Selenium	78-2	-1.35	0.67	-0.03	-0.24		ppb
Selenium	82-1	5.15	4.52	3.57	4.41	18.03	ppb
Silicon	28-1	-12.68	-12.91	-12.90	-12.83		ppb
Silver	109-1	0.06	0.05	0.05	0.05	13.79	ppb
Silver	107-1	0.04	0.05	0.05	0.04	7.65	ppb
Sodium	23-2	11.13	9.20	10.82	10.38	9.97	ppb
Strontium	86-1	0.03	0.03	0.00	0.02	110.45	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	9.53	ppb
Sulfur	34-1	-1233.89	-1312.37	-1267.44	-1271.23		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.02	0.04	0.03	23.80	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	9.20	ppb
Tin	118-1	0.04	0.05	0.03	0.04	26.82	ppb
Titanium	47-1	0.02	0.02	0.01	0.01	57.23	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	68.02	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	51.75	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	-0.10	0.05	-0.07	-0.04		ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	33.31	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:18:39	DataFile Name :	050CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.00	0.02	96.71	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-10 Instrumnet Name : P7
 Client Sample ID : WP021SB476-31-33-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:22:12 DataFile Name : 051SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93741.78	91819.04	92331.80	92630.87	1.07	ppb
Antimony	121-1	0.18	0.15	0.20	0.18	13.37	ppb
Arsenic	75-2	35.18	35.09	34.35	34.87	1.32	ppb
Barium	135-1	442.17	440.92	438.17	440.42	0.46	ppb
Barium	137-1	442.96	442.86	443.21	443.01	0.04	ppb
Beryllium	9-1	8.29	8.27	7.93	8.16	2.53	ppb
Bismuth	209-1				85		%
Bismuth	209-2				81		%
Boron	10-1	90.64	91.52	95.72	92.62	2.93	ppb
Boron	11-1	91.11	90.42	93.82	91.78	1.96	ppb
Cadmium	111-1	3.49	3.45	3.69	3.54	3.69	ppb
Cadmium	106-1	20.08	20.12	21.32	20.51	3.44	ppb
Cadmium	108-1	9.39	8.67	8.46	8.84	5.53	ppb
Calcium	43-1	1738329.87	1737849.44	1743978.78	1740052.70	0.20	ppb
Calcium	44-1	1744272.81	1740866.84	1747150.92	1744096.86	0.18	ppb
Chromium	52-2	1920.13	1898.37	1891.00	1903.17	0.80	ppb
Cobalt	59-2	38.39	38.25	38.28	38.30	0.19	ppb
Copper	63-2	83.97	83.37	83.36	83.57	0.42	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				96		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	101842.10	100810.68	100578.79	101077.19	0.67	ppb
Iron	57-2	106457.64	105470.52	104766.41	105564.86	0.80	ppb
Lead	206-1	114.69	114.99	115.20	114.96	0.22	ppb
Lead	207-1	103.59	104.08	103.33	103.67	0.37	ppb
Lead	208-1	108.09	108.19	108.29	108.19	0.09	ppb
Lithium	6-1				70		%
Magnesium	24-2	30919.30	30646.10	30539.15	30701.52	0.64	ppb
Manganese	55-2	1839.60	1835.53	1820.64	1831.93	0.54	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-10	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-31-33-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:22:12	DataFile Name :	051SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	91.46	92.37	91.87	91.90	0.50	ppb
Molybdenum	95-1	0.61	0.56	0.55	0.57	5.13	ppb
Molybdenum	96-1	11.98	11.79	12.00	11.93	0.99	ppb
Molybdenum	97-1	0.54	0.53	0.54	0.54	1.12	ppb
Molybdenum	98-1	0.55	0.58	0.52	0.55	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.11	100.95	101.13	101.73	1.18	ppb
Phosphorus	31-2	5227.89	5187.37	5317.46	5244.24	1.27	ppb
Potassium	39-2	24252.52	24011.38	24018.05	24093.98	0.57	ppb
Rhodium	103-1				80		%
Rhodium	103-2				78		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	77-2	76.19	74.78	71.03	74.00	3.61	ppb
Selenium	78-2	15.80	14.34	13.78	14.64	7.14	ppb
Selenium	82-1	5.48	5.04	4.85	5.12	6.40	ppb
Silicon	28-1	17749.83	17727.51	17894.91	17790.75	0.51	ppb
Silver	109-1	0.27	0.28	0.29	0.28	4.41	ppb
Silver	107-1	0.35	0.35	0.35	0.35	0.74	ppb
Sodium	23-2	2340.09	2326.98	2317.30	2328.12	0.49	ppb
Strontium	86-1	1523.74	1526.15	1530.90	1526.93	0.24	ppb
Strontium	88-1	1530.49	1537.40	1549.99	1539.29	0.64	ppb
Sulfur	34-1	688.13	506.05	391.80	528.66	28.27	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	1.82	1.70	1.76	1.76	3.27	ppb
Thallium	205-1	1.80	1.78	1.81	1.80	1.06	ppb
Tin	118-1	0.81	0.81	0.86	0.83	3.29	ppb
Titanium	47-1	122.11	119.40	120.96	120.83	1.12	ppb
Uranium	238-1	10.83	10.74	10.89	10.82	0.71	ppb
Vanadium	51-2	188.84	188.87	187.75	188.49	0.34	ppb
Yttrium	89-1				121		%
Yttrium	89-2				120		%
Zinc	66-2	308.39	305.88	306.86	307.04	0.41	ppb
Zirconium	90-1	59.43	59.50	59.79	59.57	0.32	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-10	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-31-33-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:22:12	DataFile Name :	051SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	59.37	59.24	59.19	59.27	0.16	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-11 Instrumnet Name : P7
 Client Sample ID : WP021SB476-33-35-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:25:52 DataFile Name : 052SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86466.97	85887.60	78303.89	83552.82	5.45	ppb
Antimony	121-1	0.14	0.12	0.14	0.13	10.36	ppb
Arsenic	75-2	24.25	23.82	22.32	23.46	4.32	ppb
Barium	135-1	459.50	447.75	450.51	452.59	1.36	ppb
Barium	137-1	459.79	450.24	451.92	453.98	1.12	ppb
Beryllium	9-1	8.65	8.29	8.51	8.48	2.17	ppb
Bismuth	209-1				84		%
Bismuth	209-2				84		%
Boron	10-1	84.77	84.35	83.49	84.20	0.77	ppb
Boron	11-1	82.26	82.37	82.74	82.46	0.30	ppb
Cadmium	111-1	3.68	3.57	3.34	3.53	5.00	ppb
Cadmium	106-1	20.64	18.48	17.85	18.99	7.70	ppb
Cadmium	108-1	7.65	7.93	8.54	8.04	5.65	ppb
Calcium	43-1	2121798.30	2103655.76	2105404.22	2110286.09	0.47	ppb
Calcium	44-1	2128791.42	2117733.65	2127048.29	2124524.46	0.28	ppb
Chromium	52-2	240.71	239.00	218.74	232.82	5.25	ppb
Cobalt	59-2	53.95	53.50	49.36	52.27	4.84	ppb
Copper	63-2	76.59	75.70	70.03	74.11	4.81	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				96		%
Holmium	165-2				98		%
Indium	115-1				88		%
Indium	115-2				91		%
Iron	56-2	90753.42	89351.56	82120.04	87408.34	5.30	ppb
Iron	57-2	95478.76	94667.07	86892.65	92346.16	5.13	ppb
Lead	206-1	128.22	126.90	128.10	127.74	0.57	ppb
Lead	207-1	115.71	114.77	115.75	115.41	0.48	ppb
Lead	208-1	120.90	119.76	120.70	120.46	0.51	ppb
Lithium	6-1				70		%
Magnesium	24-2	31736.34	31270.50	28880.61	30629.15	5.00	ppb
Manganese	55-2	1941.90	1933.24	1770.60	1881.92	5.13	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-11	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-33-35-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:25:52	DataFile Name :	052SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	77.51	76.17	76.53	76.74	0.90	ppb
Molybdenum	95-1	0.28	0.24	0.24	0.25	7.99	ppb
Molybdenum	96-1	10.01	9.89	9.56	9.82	2.38	ppb
Molybdenum	97-1	0.23	0.23	0.25	0.24	6.08	ppb
Molybdenum	98-1	0.23	0.22	0.25	0.24	6.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.19	85.21	78.96	83.45	4.70	ppb
Phosphorus	31-2	5242.16	5263.66	5057.33	5187.72	2.19	ppb
Potassium	39-2	23009.54	22902.53	21054.47	22322.18	4.92	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	77-2	71.32	71.86	73.91	72.36	1.89	ppb
Selenium	78-2	14.69	12.98	13.46	13.71	6.44	ppb
Selenium	82-1	4.70	4.91	4.61	4.74	3.22	ppb
Silicon	28-1	23472.85	23295.22	23209.75	23325.94	0.58	ppb
Silver	109-1	0.21	0.21	0.24	0.22	8.12	ppb
Silver	107-1	0.27	0.31	0.30	0.29	6.44	ppb
Sodium	23-2	2786.52	2744.35	2528.08	2686.31	5.16	ppb
Strontium	86-1	1637.46	1615.65	1618.28	1623.80	0.73	ppb
Strontium	88-1	1645.41	1628.14	1636.59	1636.71	0.53	ppb
Sulfur	34-1	1078.33	928.23	1025.80	1010.79	7.54	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	1.65	1.63	1.63	1.64	0.77	ppb
Thallium	205-1	1.64	1.66	1.70	1.67	2.05	ppb
Tin	118-1	1.23	1.31	1.20	1.25	4.43	ppb
Titanium	47-1	104.54	106.30	103.96	104.93	1.16	ppb
Uranium	238-1	10.97	10.73	10.74	10.81	1.27	ppb
Vanadium	51-2	142.34	141.19	129.84	137.79	5.01	ppb
Yttrium	89-1				123		%
Yttrium	89-2				127		%
Zinc	66-2	278.11	277.25	255.45	270.27	4.75	ppb
Zirconium	90-1	50.25	49.80	49.54	49.86	0.72	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-11	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-33-35-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:25:52	DataFile Name :	052SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.79	49.63	49.27	49.56	0.54	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-19 Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:29:31 DataFile Name : 053SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75702.00	75801.44	75081.90	75528.45	0.52	ppb
Antimony	121-1	0.28	0.27	0.28	0.28	2.02	ppb
Arsenic	75-2	24.13	23.81	24.20	24.04	0.86	ppb
Barium	135-1	496.74	489.44	486.30	490.83	1.09	ppb
Barium	137-1	490.71	492.16	487.76	490.21	0.46	ppb
Beryllium	9-1	7.08	7.14	7.09	7.10	0.44	ppb
Bismuth	209-1				84		%
Bismuth	209-2				81		%
Boron	10-1	38.14	38.46	38.33	38.31	0.42	ppb
Boron	11-1	38.56	38.46	38.61	38.54	0.19	ppb
Cadmium	111-1	3.93	4.04	3.94	3.97	1.51	ppb
Cadmium	106-1	26.35	25.51	25.57	25.81	1.80	ppb
Cadmium	108-1	11.82	12.05	10.93	11.60	5.08	ppb
Calcium	43-1	2249857.88	2247183.93	2252099.83	2249713.88	0.11	ppb
Calcium	44-1	2275219.69	2266573.06	2260643.50	2267478.75	0.32	ppb
Chromium	52-2	562.80	561.89	560.89	561.86	0.17	ppb
Cobalt	59-2	34.03	33.94	34.00	33.99	0.13	ppb
Copper	63-2	56.86	57.01	57.21	57.03	0.30	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				95		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				89		%
Iron	56-2	76943.23	76794.25	76686.85	76808.11	0.17	ppb
Iron	57-2	82211.47	82194.91	81739.97	82048.78	0.33	ppb
Lead	206-1	110.15	109.63	108.95	109.58	0.55	ppb
Lead	207-1	100.22	98.54	98.92	99.23	0.89	ppb
Lead	208-1	104.06	102.87	103.10	103.34	0.61	ppb
Lithium	6-1				69		%
Magnesium	24-2	29946.39	29806.98	29473.68	29742.35	0.82	ppb
Manganese	55-2	4668.46	4668.25	4649.21	4661.97	0.24	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-19 Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:29:31 DataFile Name : 053SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	127.78	126.82	127.75	127.45	0.43	ppb
Molybdenum	95-1	0.28	0.29	0.27	0.28	3.58	ppb
Molybdenum	96-1	15.97	16.05	15.79	15.94	0.85	ppb
Molybdenum	97-1	0.18	0.29	0.20	0.22	27.43	ppb
Molybdenum	98-1	0.25	0.24	0.27	0.26	6.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.56	90.20	89.12	89.63	0.61	ppb
Phosphorus	31-2	6227.08	6008.55	6233.69	6156.44	2.08	ppb
Potassium	39-2	22843.85	22920.44	22732.31	22832.20	0.41	ppb
Rhodium	103-1				79		%
Rhodium	103-2				78		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	77-2	72.50	67.29	71.02	70.27	3.82	ppb
Selenium	78-2	12.35	15.01	14.38	13.91	10.01	ppb
Selenium	82-1	4.87	5.82	5.56	5.41	9.05	ppb
Silicon	28-1	3182.36	3206.69	3151.79	3180.28	0.87	ppb
Silver	109-1	0.16	0.13	0.14	0.15	10.19	ppb
Silver	107-1	0.25	0.28	0.24	0.25	7.30	ppb
Sodium	23-2	1280.05	1283.37	1288.19	1283.87	0.32	ppb
Strontium	86-1	1782.74	1781.56	1786.15	1783.48	0.13	ppb
Strontium	88-1	1799.82	1797.69	1796.66	1798.06	0.09	ppb
Sulfur	34-1	2285.13	2140.46	2112.55	2179.38	4.25	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	1.42	1.36	1.36	1.38	2.75	ppb
Thallium	205-1	1.44	1.44	1.38	1.42	2.39	ppb
Tin	118-1	0.15	0.14	0.09	0.12	26.62	ppb
Titanium	47-1	22.85	23.45	22.15	22.81	2.84	ppb
Uranium	238-1	13.85	13.75	13.70	13.77	0.57	ppb
Vanadium	51-2	137.39	138.44	139.07	138.30	0.61	ppb
Yttrium	89-1				120		%
Yttrium	89-2				121		%
Zinc	66-2	205.07	203.12	204.68	204.29	0.51	ppb
Zirconium	90-1	83.47	82.76	83.09	83.11	0.42	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-19	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:29:31	DataFile Name :	053SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	82.73	81.96	81.67	82.12	0.67	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-20 Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:33:09 DataFile Name : 054SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	139258.07	138652.54	138157.99	138689.53	0.40	ppb
Antimony	121-1	11.80	11.70	11.44	11.65	1.60	ppb
Arsenic	75-2	369.44	364.72	368.86	367.67	0.70	ppb
Barium	135-1	2981.91	2907.69	2882.23	2923.94	1.77	ppb
Barium	137-1	2969.43	2916.17	2910.57	2932.06	1.11	ppb
Beryllium	9-1	529.76	522.37	522.20	524.78	0.82	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	446.55	468.38	473.47	462.80	3.09	ppb
Boron	11-1	452.18	462.74	467.84	460.92	1.73	ppb
Cadmium	111-1	446.06	434.50	433.31	437.96	1.61	ppb
Cadmium	106-1	477.95	469.03	470.02	472.34	1.04	ppb
Cadmium	108-1	456.61	446.31	436.95	446.63	2.20	ppb
Calcium	43-1	2203523.23	2173464.70	2149846.90	2175611.61	1.24	ppb
Calcium	44-1	2227354.86	2184609.92	2165294.50	2192419.76	1.45	ppb
Chromium	52-2	977.97	975.68	971.06	974.90	0.36	ppb
Cobalt	59-2	473.81	476.25	471.10	473.72	0.54	ppb
Copper	63-2	893.56	896.89	887.69	892.71	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				92		%
Holmium	165-2				92		%
Indium	115-1				83		%
Indium	115-2				86		%
Iron	56-2	144548.58	143960.76	143126.48	143878.61	0.50	ppb
Iron	57-2	149891.39	149867.83	147961.68	149240.30	0.74	ppb
Lead	206-1	628.89	623.86	611.60	621.45	1.43	ppb
Lead	207-1	604.87	600.31	593.17	599.45	0.98	ppb
Lead	208-1	614.72	606.84	600.45	607.33	1.18	ppb
Lithium	6-1				63		%
Magnesium	24-2	82368.97	82031.58	81554.93	81985.16	0.50	ppb
Manganese	55-2	4938.48	4925.76	4873.67	4912.64	0.70	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-20	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:33:09	DataFile Name :	054SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1557.58	1545.85	1536.30	1546.58	0.69	ppb
Molybdenum	95-1	1255.64	1247.52	1242.97	1248.71	0.51	ppb
Molybdenum	96-1	1299.23	1289.85	1286.57	1291.88	0.51	ppb
Molybdenum	97-1	1267.38	1247.47	1245.17	1253.34	0.97	ppb
Molybdenum	98-1	1274.19	1258.24	1249.74	1260.72	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.15	532.26	530.23	531.88	0.28	ppb
Phosphorus	31-2	6337.06	6472.66	6168.62	6326.11	2.41	ppb
Potassium	39-2	52906.53	52338.19	52286.61	52510.44	0.66	ppb
Rhodium	103-1				75		%
Rhodium	103-2				75		%
Scandium	45-1				84		%
Scandium	45-2				86		%
Selenium	77-2	390.38	396.21	381.39	389.33	1.92	ppb
Selenium	78-2	330.56	329.85	335.38	331.93	0.91	ppb
Selenium	82-1	334.07	325.89	326.73	328.90	1.37	ppb
Silicon	28-1	2643.47	2612.58	2591.56	2615.87	1.00	ppb
Silver	109-1	319.08	313.88	312.30	315.09	1.13	ppb
Silver	107-1	318.48	313.12	311.63	314.41	1.15	ppb
Sodium	23-2	46150.09	45846.40	45467.70	45821.40	0.75	ppb
Strontium	86-1	2232.71	2201.76	2189.68	2208.05	1.01	ppb
Strontium	88-1	2251.02	2228.26	2222.08	2233.79	0.68	ppb
Sulfur	34-1	1977.22	1588.65	1478.81	1681.56	15.57	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	523.41	519.19	511.75	518.12	1.14	ppb
Thallium	205-1	520.01	523.19	508.15	517.12	1.53	ppb
Tin	118-1	31.73	31.36	30.40	31.16	2.19	ppb
Titanium	47-1	306.62	305.19	299.71	303.84	1.20	ppb
Uranium	238-1	553.94	552.60	542.86	549.80	1.10	ppb
Vanadium	51-2	675.02	673.46	670.24	672.90	0.36	ppb
Yttrium	89-1				114		%
Yttrium	89-2				117		%
Zinc	66-2	1066.95	1069.57	1061.98	1066.17	0.36	ppb
Zirconium	90-1	445.90	438.86	438.06	440.94	0.98	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-20	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:33:09	DataFile Name :	054SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	445.18	437.15	432.90	438.41	1.42	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-21 Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:36:47 DataFile Name : 055SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	138017.23	137900.52	137424.63	137780.79	0.23	ppb
Antimony	121-1	13.72	13.77	13.76	13.75	0.21	ppb
Arsenic	75-2	351.98	354.37	354.64	353.66	0.41	ppb
Barium	135-1	2933.74	2944.12	2935.98	2937.95	0.19	ppb
Barium	137-1	2953.84	2932.17	2947.83	2944.61	0.38	ppb
Beryllium	9-1	518.19	512.06	515.39	515.21	0.60	ppb
Bismuth	209-1				81		%
Bismuth	209-2				80		%
Boron	10-1	508.19	511.59	535.33	518.37	2.85	ppb
Boron	11-1	502.16	514.93	524.76	513.95	2.20	ppb
Cadmium	111-1	430.21	428.45	428.29	428.98	0.25	ppb
Cadmium	106-1	463.74	463.99	465.54	464.43	0.21	ppb
Cadmium	108-1	446.67	438.12	442.98	442.59	0.97	ppb
Calcium	43-1	2170896.69	2165065.86	2162433.98	2166132.18	0.20	ppb
Calcium	44-1	2171022.92	2188915.58	2175493.39	2178477.30	0.43	ppb
Chromium	52-2	1037.27	1041.76	1037.57	1038.86	0.24	ppb
Cobalt	59-2	469.67	472.10	469.64	470.47	0.30	ppb
Copper	63-2	879.83	886.51	877.12	881.16	0.55	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				93		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	125577.31	125498.30	125019.93	125365.18	0.24	ppb
Iron	57-2	130520.82	130937.05	130886.26	130781.37	0.17	ppb
Lead	206-1	621.27	613.38	609.89	614.84	0.95	ppb
Lead	207-1	594.36	592.58	588.84	591.92	0.48	ppb
Lead	208-1	602.61	599.61	597.30	599.84	0.44	ppb
Lithium	6-1				63		%
Magnesium	24-2	80296.75	80144.85	79845.89	80095.83	0.29	ppb
Manganese	55-2	5454.45	5446.60	5430.41	5443.82	0.23	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-21 Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:36:47 DataFile Name : 055SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1587.17	1608.13	1603.86	1599.72	0.69	ppb
Molybdenum	95-1	1313.91	1335.64	1331.91	1327.15	0.88	ppb
Molybdenum	96-1	1356.43	1382.86	1373.85	1371.05	0.98	ppb
Molybdenum	97-1	1331.41	1344.16	1334.94	1336.84	0.49	ppb
Molybdenum	98-1	1329.74	1339.71	1343.99	1337.81	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.26	527.54	517.27	520.69	1.14	ppb
Phosphorus	31-2	6400.85	6396.18	6326.40	6374.48	0.65	ppb
Potassium	39-2	51721.76	51647.68	51764.47	51711.30	0.11	ppb
Rhodium	103-1				75		%
Rhodium	103-2				76		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	77-2	375.91	377.32	367.67	373.63	1.40	ppb
Selenium	78-2	333.01	334.76	331.74	333.17	0.46	ppb
Selenium	82-1	324.77	326.64	328.94	326.78	0.64	ppb
Silicon	28-1	1941.13	1975.02	1942.58	1952.91	0.98	ppb
Silver	109-1	329.29	327.05	328.60	328.31	0.35	ppb
Silver	107-1	328.14	328.66	328.59	328.46	0.09	ppb
Sodium	23-2	45513.68	45309.05	44937.30	45253.35	0.65	ppb
Strontium	86-1	2142.62	2164.65	2151.73	2153.00	0.51	ppb
Strontium	88-1	2161.31	2170.72	2171.72	2167.92	0.26	ppb
Sulfur	34-1	1713.00	1730.15	1707.15	1716.77	0.70	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	513.97	509.81	505.51	509.76	0.83	ppb
Thallium	205-1	509.22	506.48	504.31	506.67	0.49	ppb
Tin	118-1	40.95	41.00	40.95	40.97	0.08	ppb
Titanium	47-1	461.54	455.05	454.90	457.16	0.83	ppb
Uranium	238-1	533.80	537.82	535.51	535.71	0.38	ppb
Vanadium	51-2	631.80	634.43	631.08	632.43	0.28	ppb
Yttrium	89-1				113		%
Yttrium	89-2				117		%
Zinc	66-2	1053.72	1059.54	1053.14	1055.47	0.34	ppb
Zirconium	90-1	439.56	441.29	440.80	440.55	0.20	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-21	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:36:47	DataFile Name :	055SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	435.56	438.36	437.31	437.07	0.32	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-19A Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:40:25 DataFile Name : 056SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	136925.44	137336.65	138706.15	137656.08	0.68	ppb
Antimony	121-1	13.59	13.33	13.06	13.33	1.97	ppb
Arsenic	75-2	362.44	356.60	360.04	359.69	0.82	ppb
Barium	135-1	2942.45	2952.66	2911.96	2935.69	0.72	ppb
Barium	137-1	2945.33	2946.31	2915.69	2935.77	0.59	ppb
Beryllium	9-1	529.32	527.12	523.98	526.81	0.51	ppb
Bismuth	209-1				80		%
Bismuth	209-2				79		%
Boron	10-1	496.64	509.51	513.64	506.60	1.75	ppb
Boron	11-1	496.86	501.46	501.66	499.99	0.54	ppb
Cadmium	111-1	431.90	430.84	427.26	430.00	0.57	ppb
Cadmium	106-1	461.21	474.50	460.77	465.49	1.68	ppb
Cadmium	108-1	446.01	448.40	441.00	445.14	0.85	ppb
Calcium	43-1	2169914.69	2165841.61	2167749.06	2167835.12	0.09	ppb
Calcium	44-1	2175495.38	2190342.55	2182590.78	2182809.57	0.34	ppb
Chromium	52-2	994.46	997.71	1012.95	1001.71	0.99	ppb
Cobalt	59-2	467.18	469.74	473.76	470.23	0.71	ppb
Copper	63-2	879.75	881.76	890.90	884.14	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				92		%
Holmium	165-2				92		%
Indium	115-1				83		%
Indium	115-2				86		%
Iron	56-2	135148.42	134591.17	136182.97	135307.52	0.60	ppb
Iron	57-2	139253.32	139479.47	141323.53	140018.77	0.81	ppb
Lead	206-1	617.31	620.69	612.32	616.78	0.68	ppb
Lead	207-1	596.35	600.64	589.74	595.58	0.92	ppb
Lead	208-1	603.01	606.69	599.39	603.03	0.61	ppb
Lithium	6-1				61		%
Magnesium	24-2	80163.60	80507.75	81014.45	80561.93	0.53	ppb
Manganese	55-2	5117.77	5129.95	5182.45	5143.39	0.67	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-19A Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:40:25 DataFile Name : 056SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1561.57	1569.49	1572.41	1567.82	0.36	ppb
Molybdenum	95-1	1286.99	1291.47	1291.44	1289.97	0.20	ppb
Molybdenum	96-1	1322.84	1329.71	1325.01	1325.85	0.27	ppb
Molybdenum	97-1	1290.76	1299.94	1294.15	1294.95	0.36	ppb
Molybdenum	98-1	1292.07	1305.87	1296.43	1298.12	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.34	522.51	530.14	524.33	0.98	ppb
Phosphorus	31-2	6156.48	6230.64	6282.26	6223.13	1.02	ppb
Potassium	39-2	51484.64	51707.42	52229.68	51807.25	0.74	ppb
Rhodium	103-1				75		%
Rhodium	103-2				75		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	77-2	391.19	382.68	382.61	385.49	1.28	ppb
Selenium	78-2	328.91	330.43	332.94	330.76	0.61	ppb
Selenium	82-1	323.41	327.08	325.23	325.24	0.56	ppb
Silicon	28-1	2965.10	2983.62	2982.59	2977.10	0.35	ppb
Silver	109-1	324.38	323.59	322.02	323.33	0.37	ppb
Silver	107-1	324.82	324.62	321.23	323.56	0.62	ppb
Sodium	23-2	44877.88	45036.73	45369.78	45094.80	0.56	ppb
Strontium	86-1	2179.57	2193.84	2187.73	2187.05	0.33	ppb
Strontium	88-1	2184.96	2208.85	2197.19	2197.00	0.54	ppb
Sulfur	34-1	1691.49	1654.37	1415.80	1587.22	9.43	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	517.94	517.04	510.11	515.03	0.83	ppb
Thallium	205-1	507.74	511.75	509.02	509.50	0.40	ppb
Tin	118-1	35.64	36.16	34.91	35.57	1.77	ppb
Titanium	47-1	383.29	384.40	384.88	384.19	0.21	ppb
Uranium	238-1	540.27	537.70	538.20	538.72	0.25	ppb
Vanadium	51-2	650.46	651.95	657.71	653.38	0.59	ppb
Yttrium	89-1				113		%
Yttrium	89-2				117		%
Zinc	66-2	1048.97	1056.26	1063.07	1056.10	0.67	ppb
Zirconium	90-1	435.88	441.08	435.65	437.54	0.70	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-19A	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:40:25	DataFile Name :	056SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	432.63	437.85	434.80	435.09	0.60	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-22 Instrumnet Name : P7
 Client Sample ID : WP021SB489-23-25-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:44:03 DataFile Name : 057SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107909.32	92325.97	91168.56	97134.62	9.62	ppb
Antimony	121-1	0.18	0.20	0.19	0.19	4.79	ppb
Arsenic	75-2	37.20	33.16	32.09	34.15	7.90	ppb
Barium	135-1	1208.94	1204.80	1214.41	1209.38	0.40	ppb
Barium	137-1	1214.31	1206.71	1214.44	1211.82	0.37	ppb
Beryllium	9-1	7.64	8.02	7.92	7.86	2.49	ppb
Bismuth	209-1				85		%
Bismuth	209-2				77		%
Boron	10-1	54.25	52.21	55.42	53.96	3.01	ppb
Boron	11-1	54.41	50.86	52.15	52.47	3.42	ppb
Cadmium	111-1	4.22	4.00	4.25	4.16	3.27	ppb
Cadmium	106-1	28.38	26.81	27.68	27.62	2.84	ppb
Cadmium	108-1	13.16	12.50	11.79	12.48	5.45	ppb
Calcium	43-1	1677132.66	1667643.69	1671847.49	1672207.95	0.28	ppb
Calcium	44-1	1681860.18	1680134.33	1685039.54	1682344.68	0.15	ppb
Chromium	52-2	1055.06	908.71	899.23	954.33	9.15	ppb
Cobalt	59-2	47.71	40.91	40.63	43.09	9.31	ppb
Copper	63-2	61.98	53.51	53.30	56.27	8.80	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				95		%
Holmium	165-2				89		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	89165.48	76407.94	75519.43	80364.28	9.50	ppb
Iron	57-2	93846.55	80632.02	79894.23	84790.93	9.26	ppb
Lead	206-1	111.89	111.18	112.42	111.83	0.56	ppb
Lead	207-1	101.75	100.66	101.30	101.24	0.54	ppb
Lead	208-1	106.04	105.25	106.01	105.77	0.43	ppb
Lithium	6-1				63		%
Magnesium	24-2	36057.45	30919.45	30713.94	32563.61	9.30	ppb
Manganese	55-2	4529.32	3886.18	3838.52	4084.67	9.45	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-22	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-23-25-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:44:03	DataFile Name :	057SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	128.70	127.20	127.92	127.94	0.59	ppb
Molybdenum	95-1	0.57	0.54	0.53	0.55	3.78	ppb
Molybdenum	96-1	16.44	16.63	16.01	16.36	1.94	ppb
Molybdenum	97-1	0.52	0.48	0.47	0.49	5.36	ppb
Molybdenum	98-1	0.51	0.50	0.44	0.48	7.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.02	98.31	97.25	103.53	9.63	ppb
Phosphorus	31-2	6549.79	5749.61	5709.55	6002.98	7.90	ppb
Potassium	39-2	29721.02	25504.19	25312.76	26845.99	9.28	ppb
Rhodium	103-1				79		%
Rhodium	103-2				73		%
Scandium	45-1				85		%
Scandium	45-2				79		%
Selenium	77-2	81.24	65.03	79.75	75.34	11.90	ppb
Selenium	78-2	16.18	13.73	15.69	15.20	8.50	ppb
Selenium	82-1	5.84	5.87	4.51	5.40	14.39	ppb
Silicon	28-1	2344.24	2322.78	2394.75	2353.92	1.57	ppb
Silver	109-1	0.22	0.21	0.20	0.21	3.81	ppb
Silver	107-1	0.31	0.33	0.31	0.32	2.66	ppb
Sodium	23-2	1419.15	1215.85	1212.11	1282.37	9.24	ppb
Strontium	86-1	1452.83	1452.69	1446.83	1450.78	0.24	ppb
Strontium	88-1	1472.65	1468.16	1459.57	1466.79	0.45	ppb
Sulfur	34-1	1502.69	1258.24	1427.17	1396.03	8.97	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	1.67	1.73	1.65	1.68	2.50	ppb
Thallium	205-1	1.67	1.71	1.76	1.71	2.54	ppb
Tin	118-1	0.09	0.11	0.06	0.09	30.21	ppb
Titanium	47-1	16.52	16.34	17.20	16.69	2.72	ppb
Uranium	238-1	12.73	12.57	12.70	12.67	0.70	ppb
Vanadium	51-2	160.18	136.83	136.38	144.46	9.42	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	293.76	250.34	250.81	264.97	9.41	ppb
Zirconium	90-1	83.36	82.51	82.10	82.66	0.78	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-22	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-23-25-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:44:03	DataFile Name :	057SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	82.53	81.55	81.68	81.92	0.65	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-23 Instrumnet Name : P7
 Client Sample ID : WP021SB489-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:47:41 DataFile Name : 058SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101634.99	100702.07	100865.62	101067.56	0.49	ppb
Antimony	121-1	0.04	0.05	0.04	0.05	13.55	ppb
Arsenic	75-2	13.77	13.76	13.64	13.72	0.50	ppb
Barium	135-1	4018.87	4028.70	4023.05	4023.54	0.12	ppb
Barium	137-1	4033.93	4025.27	4049.11	4036.10	0.30	ppb
Beryllium	9-1	7.94	8.06	8.25	8.09	1.94	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	285.95	288.85	301.25	292.01	2.78	ppb
Boron	11-1	281.54	286.71	293.76	287.34	2.14	ppb
Cadmium	111-1	3.98	3.96	4.11	4.02	2.05	ppb
Cadmium	106-1	49.38	49.27	52.83	50.49	4.01	ppb
Cadmium	108-1	10.59	10.89	11.15	10.88	2.59	ppb
Calcium	43-1	424256.62	420664.28	424286.30	423069.06	0.49	ppb
Calcium	44-1	424186.40	423499.62	426708.02	424798.01	0.40	ppb
Chromium	52-2	963.72	956.02	962.55	960.76	0.43	ppb
Cobalt	59-2	36.40	36.29	36.23	36.31	0.24	ppb
Copper	63-2	26.87	27.24	26.69	26.94	1.05	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				89		%
Indium	115-2				90		%
Iron	56-2	228002.68	225221.04	224381.94	225868.55	0.84	ppb
Iron	57-2	227460.47	226876.18	227024.71	227120.45	0.13	ppb
Lead	206-1	73.58	73.67	72.71	73.32	0.72	ppb
Lead	207-1	66.07	66.36	65.23	65.89	0.88	ppb
Lead	208-1	69.33	69.08	68.68	69.03	0.47	ppb
Lithium	6-1				66		%
Magnesium	24-2	45271.76	44789.68	45115.78	45059.07	0.55	ppb
Manganese	55-2	1755.48	1747.19	1744.15	1748.94	0.34	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-23 Instrumnet Name : P7
 Client Sample ID : WP021SB489-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:47:41 DataFile Name : 058SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	64.39	64.90	64.92	64.74	0.47	ppb
Molybdenum	95-1	0.31	0.30	0.31	0.31	1.43	ppb
Molybdenum	96-1	8.41	8.49	8.40	8.43	0.60	ppb
Molybdenum	97-1	0.30	0.28	0.27	0.28	5.25	ppb
Molybdenum	98-1	0.27	0.30	0.30	0.29	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.20	88.49	88.17	88.29	0.20	ppb
Phosphorus	31-2	93425.10	92256.08	92728.47	92803.21	0.63	ppb
Potassium	39-2	57002.30	56596.24	56911.18	56836.57	0.37	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	161.20	163.89	161.26	162.12	0.95	ppb
Selenium	78-2	30.16	31.42	30.81	30.80	2.04	ppb
Selenium	82-1	0.55	0.67	0.60	0.61	10.11	ppb
Silicon	28-1	3825.91	3777.74	3784.20	3795.95	0.69	ppb
Silver	109-1	0.05	0.06	0.06	0.06	1.59	ppb
Silver	107-1	0.17	0.18	0.17	0.17	2.68	ppb
Sodium	23-2	9456.14	9371.12	9430.30	9419.19	0.46	ppb
Strontium	86-1	678.20	681.93	680.42	680.18	0.28	ppb
Strontium	88-1	685.96	684.57	684.27	684.93	0.13	ppb
Sulfur	34-1	5189.23	5039.82	5051.82	5093.62	1.63	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.66	0.60	0.65	0.64	5.03	ppb
Thallium	205-1	0.65	0.67	0.63	0.65	3.42	ppb
Tin	118-1	1.06	1.01	1.03	1.03	2.46	ppb
Titanium	47-1	169.62	169.84	168.66	169.37	0.37	ppb
Uranium	238-1	46.22	46.39	46.41	46.34	0.23	ppb
Vanadium	51-2	125.43	125.47	125.48	125.46	0.02	ppb
Yttrium	89-1				284		%
Yttrium	89-2				285		%
Zinc	66-2	392.07	391.44	392.93	392.15	0.19	ppb
Zirconium	90-1	41.76	41.77	42.06	41.86	0.40	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-23	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:47:41	DataFile Name :	058SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	41.47	41.59	41.51	41.52	0.14	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-24 Instrumnet Name : P7
 Client Sample ID : WP021SB489-27-29-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:51:19 DataFile Name : 059SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99500.10	97376.67	98102.14	98326.30	1.10	ppb
Antimony	121-1	0.03	0.05	0.05	0.04	30.31	ppb
Arsenic	75-2	11.46	11.63	11.38	11.49	1.13	ppb
Barium	135-1	665.68	662.60	669.18	665.82	0.49	ppb
Barium	137-1	672.85	658.88	667.04	666.25	1.05	ppb
Beryllium	9-1	8.15	7.93	7.85	7.98	1.91	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	318.48	330.38	335.79	328.22	2.70	ppb
Boron	11-1	326.06	330.22	329.92	328.73	0.71	ppb
Cadmium	111-1	3.57	3.31	3.41	3.43	3.74	ppb
Cadmium	106-1	48.17	44.54	46.57	46.43	3.92	ppb
Cadmium	108-1	9.72	9.87	10.57	10.05	4.51	ppb
Calcium	43-1	377241.24	377124.78	378873.07	377746.37	0.26	ppb
Calcium	44-1	380445.23	377118.81	379445.64	379003.22	0.45	ppb
Chromium	52-2	908.68	896.20	897.95	900.95	0.75	ppb
Cobalt	59-2	27.23	26.84	27.34	27.14	0.96	ppb
Copper	63-2	27.07	27.15	27.49	27.24	0.82	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				88		%
Indium	115-2				90		%
Iron	56-2	208775.49	204407.91	205551.62	206245.01	1.10	ppb
Iron	57-2	210080.59	205024.93	206760.87	207288.80	1.24	ppb
Lead	206-1	66.51	67.15	67.02	66.90	0.50	ppb
Lead	207-1	60.03	60.39	60.69	60.37	0.55	ppb
Lead	208-1	62.68	63.12	63.37	63.06	0.55	ppb
Lithium	6-1				66		%
Magnesium	24-2	44817.13	43904.58	44194.41	44305.37	1.05	ppb
Manganese	55-2	1038.22	1023.26	1028.44	1029.98	0.74	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-24 Instrumnet Name : P7
 Client Sample ID : WP021SB489-27-29-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:51:19 DataFile Name : 059SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	63.77	63.97	63.69	63.81	0.22	ppb
Molybdenum	95-1	0.23	0.25	0.21	0.23	9.26	ppb
Molybdenum	96-1	8.31	8.26	8.29	8.29	0.31	ppb
Molybdenum	97-1	0.23	0.26	0.24	0.24	7.17	ppb
Molybdenum	98-1	0.21	0.25	0.21	0.22	9.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.97	70.99	71.48	71.48	0.68	ppb
Phosphorus	31-2	84607.18	83282.70	82779.64	83556.51	1.13	ppb
Potassium	39-2	56978.90	56286.96	56494.17	56586.68	0.63	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	77-2	161.66	166.54	160.18	162.79	2.05	ppb
Selenium	78-2	30.03	29.70	30.79	30.17	1.87	ppb
Selenium	82-1	1.84	0.95	0.73	1.17	49.77	ppb
Silicon	28-1	3742.03	3692.40	3670.38	3701.60	0.99	ppb
Silver	109-1	0.04	0.05	0.06	0.05	20.56	ppb
Silver	107-1	0.14	0.16	0.17	0.16	9.14	ppb
Sodium	23-2	9812.89	9589.84	9615.49	9672.74	1.26	ppb
Strontium	86-1	648.05	642.83	646.94	645.94	0.43	ppb
Strontium	88-1	654.11	653.04	651.74	652.96	0.18	ppb
Sulfur	34-1	3808.44	3586.53	3584.40	3659.79	3.52	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.56	0.59	0.56	0.57	3.17	ppb
Thallium	205-1	0.51	0.61	0.55	0.56	8.80	ppb
Tin	118-1	0.88	0.87	0.81	0.85	4.27	ppb
Titanium	47-1	202.45	198.55	200.93	200.64	0.98	ppb
Uranium	238-1	42.12	42.01	42.68	42.27	0.85	ppb
Vanadium	51-2	136.82	133.10	134.88	134.93	1.38	ppb
Yttrium	89-1				266		%
Yttrium	89-2				264		%
Zinc	66-2	310.38	308.77	308.77	309.31	0.30	ppb
Zirconium	90-1	41.15	41.44	41.66	41.41	0.61	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-24	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-27-29-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:51:19	DataFile Name :	059SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	41.06	41.21	41.28	41.18	0.27	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-25 Instrumnet Name : P7
 Client Sample ID : WP021SB489-29-31-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:54:57 DataFile Name : 060SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96068.15	96542.53	94681.90	95764.19	1.01	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	21.08	ppb
Arsenic	75-2	12.59	12.75	12.50	12.61	0.99	ppb
Barium	135-1	617.31	648.95	645.79	637.35	2.73	ppb
Barium	137-1	623.52	643.27	645.24	637.34	1.89	ppb
Beryllium	9-1	6.12	6.44	6.50	6.35	3.20	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	258.58	273.73	269.23	267.18	2.91	ppb
Boron	11-1	261.56	278.36	275.23	271.72	3.29	ppb
Cadmium	111-1	2.97	3.25	3.25	3.15	5.17	ppb
Cadmium	106-1	40.57	43.35	43.23	42.38	3.70	ppb
Cadmium	108-1	9.37	8.78	9.48	9.21	4.12	ppb
Calcium	43-1	385548.10	403059.82	405744.27	398117.39	2.75	ppb
Calcium	44-1	387779.69	404223.44	407176.15	399726.43	2.61	ppb
Chromium	52-2	796.81	808.94	797.48	801.08	0.85	ppb
Cobalt	59-2	22.56	22.87	22.41	22.61	1.06	ppb
Copper	63-2	30.89	31.57	30.79	31.09	1.36	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				91		%
Indium	115-2				89		%
Iron	56-2	206116.05	207710.26	204088.48	205971.60	0.88	ppb
Iron	57-2	206202.52	208588.51	205541.31	206777.45	0.78	ppb
Lead	206-1	82.56	85.84	86.36	84.92	2.42	ppb
Lead	207-1	74.88	78.52	78.76	77.39	2.81	ppb
Lead	208-1	77.87	81.64	81.80	80.43	2.76	ppb
Lithium	6-1				68		%
Magnesium	24-2	43933.48	44277.32	43414.81	43875.21	0.99	ppb
Manganese	55-2	683.14	689.80	678.19	683.71	0.85	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-25 Instrumnet Name : P7
 Client Sample ID : WP021SB489-29-31-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:54:57 DataFile Name : 060SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	58.20	59.40	58.90	58.83	1.02	ppb
Molybdenum	95-1	0.22	0.25	0.25	0.24	7.17	ppb
Molybdenum	96-1	7.65	7.82	7.71	7.73	1.11	ppb
Molybdenum	97-1	0.21	0.24	0.20	0.22	8.45	ppb
Molybdenum	98-1	0.22	0.23	0.24	0.23	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.89	71.35	70.12	70.45	1.11	ppb
Phosphorus	31-2	80683.48	80861.40	79914.17	80486.35	0.63	ppb
Potassium	39-2	49080.20	49534.21	48756.92	49123.78	0.79	ppb
Rhodium	103-1				84		%
Rhodium	103-2				81		%
Scandium	45-1				89		%
Scandium	45-2				84		%
Selenium	77-2	165.61	157.80	167.43	163.61	3.13	ppb
Selenium	78-2	30.60	30.03	30.63	30.42	1.11	ppb
Selenium	82-1	1.82	1.54	2.51	1.96	25.37	ppb
Silicon	28-1	5717.79	6000.43	5978.27	5898.83	2.66	ppb
Silver	109-1	0.07	0.06	0.07	0.06	10.79	ppb
Silver	107-1	0.16	0.18	0.16	0.17	6.07	ppb
Sodium	23-2	11146.30	11237.61	11028.87	11137.60	0.94	ppb
Strontium	86-1	677.02	689.08	690.28	685.46	1.07	ppb
Strontium	88-1	683.42	696.58	694.76	691.59	1.03	ppb
Sulfur	34-1	2690.84	3179.10	3119.92	2996.62	8.89	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.82	0.79	0.86	0.82	4.27	ppb
Thallium	205-1	0.81	0.83	0.81	0.81	1.34	ppb
Tin	118-1	0.97	0.92	0.96	0.95	2.68	ppb
Titanium	47-1	145.98	154.66	153.53	151.39	3.12	ppb
Uranium	238-1	41.94	43.76	43.77	43.16	2.45	ppb
Vanadium	51-2	129.62	131.71	129.01	130.11	1.09	ppb
Yttrium	89-1				262		%
Yttrium	89-2				258		%
Zinc	66-2	437.55	438.55	433.37	436.49	0.63	ppb
Zirconium	90-1	37.76	38.46	38.28	38.17	0.96	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-25	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-29-31-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:54:57	DataFile Name :	060SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	37.46	38.25	38.16	37.96	1.14	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:02:16	DataFile Name :	061CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51451.08	51495.92	51604.15	51517.05	0.15	ppb
Antimony	121-1	491.57	485.24	496.71	491.18	1.17	ppb
Arsenic	75-2	489.98	486.32	487.99	488.10	0.38	ppb
Barium	135-1	2579.13	2520.69	2595.34	2565.05	1.53	ppb
Barium	137-1	2537.19	2481.67	2535.84	2518.23	1.26	ppb
Beryllium	9-1	551.44	547.42	548.76	549.21	0.37	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	518.96	536.19	550.28	535.14	2.93	ppb
Boron	11-1	515.18	527.74	537.20	526.70	2.10	ppb
Cadmium	111-1	468.49	458.82	469.06	465.46	1.24	ppb
Cadmium	106-1	471.11	463.99	479.21	471.43	1.62	ppb
Cadmium	108-1	477.00	467.24	475.64	473.29	1.12	ppb
Calcium	43-1	239820.59	240787.31	240206.30	240271.40	0.20	ppb
Calcium	44-1	240941.66	240764.59	240863.40	240856.55	0.04	ppb
Chromium	52-2	513.88	514.86	518.78	515.84	0.50	ppb
Cobalt	59-2	513.83	517.24	517.06	516.05	0.37	ppb
Copper	63-2	994.70	1007.70	1005.41	1002.60	0.69	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				97		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	130700.25	132015.45	131512.33	131409.34	0.51	ppb
Iron	57-2	131366.91	132066.24	131628.59	131687.25	0.27	ppb
Lead	206-1	515.93	506.44	516.92	513.10	1.13	ppb
Lead	207-1	519.90	510.17	524.21	518.09	1.39	ppb
Lead	208-1	514.35	505.34	516.26	511.98	1.14	ppb
Lithium	6-1				69		%
Magnesium	24-2	253156.92	253608.64	254941.84	253902.47	0.37	ppb
Manganese	55-2	1002.65	1010.04	1012.37	1008.35	0.50	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:02:16	DataFile Name :	061CCV_P7070818MS.C

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2512.10	2506.45	2525.40	2514.65	0.39	ppb
Molybdenum	95-1	2528.34	2501.64	2522.75	2517.58	0.56	ppb
Molybdenum	96-1	2532.65	2501.12	2527.46	2520.41	0.67	ppb
Molybdenum	97-1	2535.32	2495.44	2535.73	2522.16	0.92	ppb
Molybdenum	98-1	2544.18	2514.70	2536.11	2531.66	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.84	513.19	512.10	511.71	0.33	ppb
Phosphorus	31-2	9672.79	9954.24	9839.22	9822.09	1.44	ppb
Potassium	39-2	122699.86	122630.62	122386.11	122572.20	0.13	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	477.22	459.31	473.61	470.05	2.01	ppb
Selenium	78-2	467.46	472.34	473.04	470.95	0.65	ppb
Selenium	82-1	477.23	472.62	479.04	476.30	0.69	ppb
Silicon	28-1	594.73	599.75	610.79	601.76	1.37	ppb
Silver	109-1	467.48	458.52	471.49	465.83	1.43	ppb
Silver	107-1	467.82	462.22	472.82	467.62	1.13	ppb
Sodium	23-2	251276.98	250984.98	251653.56	251305.17	0.13	ppb
Strontium	86-1	496.23	495.66	501.63	497.84	0.66	ppb
Strontium	88-1	505.95	500.92	504.97	503.95	0.53	ppb
Sulfur	34-1	9572.44	9368.13	9685.02	9541.86	1.68	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	512.70	505.05	510.14	509.30	0.77	ppb
Thallium	205-1	509.21	503.14	510.73	507.69	0.79	ppb
Tin	118-1	492.14	487.51	494.52	491.39	0.72	ppb
Titanium	47-1	2535.96	2516.52	2518.43	2523.63	0.42	ppb
Uranium	238-1	522.36	513.65	526.43	520.81	1.25	ppb
Vanadium	51-2	518.18	519.28	516.72	518.06	0.25	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	985.81	988.53	993.50	989.28	0.39	ppb
Zirconium	90-1	504.79	499.34	505.81	503.31	0.69	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:02:16	DataFile Name :	061CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.04	493.92	501.58	498.51	0.81	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:07:55	DataFile Name :	062CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.79	3.17	2.62	2.86	9.91	ppb
Antimony	121-1	0.34	0.36	0.33	0.35	4.67	ppb
Arsenic	75-2	0.04	0.03	0.06	0.04	38.63	ppb
Barium	135-1	0.19	0.12	0.10	0.14	34.09	ppb
Barium	137-1	0.15	0.12	0.12	0.13	12.84	ppb
Beryllium	9-1	0.13	0.09	0.09	0.10	19.61	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	16.16	15.08	14.95	15.39	4.31	ppb
Boron	11-1	15.25	14.45	14.48	14.73	3.07	ppb
Cadmium	111-1	-0.01	0.00	-0.06	-0.02		ppb
Cadmium	106-1	-0.53	-0.33	-1.12	-0.66		ppb
Cadmium	108-1	-0.03	-0.06	0.00	-0.03		ppb
Calcium	43-1	11.69	12.26	12.45	12.13	3.24	ppb
Calcium	44-1	15.52	13.96	13.71	14.40	6.80	ppb
Chromium	52-2	0.02	0.01	0.00	0.01	118.21	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	18.36	ppb
Copper	63-2	-0.04	-0.04	-0.02	-0.03		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				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	7.01	6.84	6.72	6.86	2.16	ppb
Iron	57-2	5.93	6.67	4.90	5.84	15.23	ppb
Lead	206-1	0.14	0.11	0.12	0.12	13.97	ppb
Lead	207-1	0.15	0.14	0.13	0.14	6.42	ppb
Lead	208-1	0.14	0.14	0.13	0.13	4.57	ppb
Lithium	6-1				74		%
Magnesium	24-2	11.61	11.17	10.88	11.22	3.28	ppb
Manganese	55-2	0.05	0.03	0.05	0.04	22.23	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:07:55	DataFile Name :	062CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.33	0.27	0.29	10.24	ppb
Molybdenum	95-1	0.32	0.28	0.31	0.30	7.47	ppb
Molybdenum	96-1	0.35	0.33	0.30	0.33	7.74	ppb
Molybdenum	97-1	0.26	0.29	0.26	0.27	7.30	ppb
Molybdenum	98-1	0.28	0.30	0.28	0.29	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.02	0.03	41.10	ppb
Phosphorus	31-2	-10.94	-6.75	-8.36	-8.68		ppb
Potassium	39-2	15.47	17.83	14.45	15.91	10.91	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	77-2	0.03	-0.37	-0.37	-0.23		ppb
Selenium	78-2	-1.02	-1.02	-0.71	-0.92		ppb
Selenium	82-1	6.03	5.33	4.34	5.24	16.18	ppb
Silicon	28-1	-9.28	-9.08	-9.83	-9.40		ppb
Silver	109-1	0.05	0.04	0.04	0.04	10.32	ppb
Silver	107-1	0.04	0.05	0.03	0.04	17.59	ppb
Sodium	23-2	21.47	22.29	23.19	22.32	3.85	ppb
Strontium	86-1	0.08	0.05	0.08	0.07	23.48	ppb
Strontium	88-1	0.04	0.04	0.03	0.04	12.54	ppb
Sulfur	34-1	-1102.90	-1124.21	-1083.37	-1103.49		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.07	0.08	0.07	15.46	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	9.56	ppb
Tin	118-1	0.08	0.08	0.09	0.08	5.98	ppb
Titanium	47-1	0.11	0.13	0.09	0.11	17.45	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	17.01	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	19.55	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	0.03	0.07	0.10	0.07	51.30	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	11.66	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:07:55	DataFile Name :	062CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.05	0.05	15.84	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-26 Instrumnet Name : P7
 Client Sample ID : WP021SB489-31-33-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 17:11:29 DataFile Name : 063SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96195.44	95334.92	95423.23	95651.20	0.49	ppb
Antimony	121-1	0.22	0.23	0.22	0.22	2.84	ppb
Arsenic	75-2	15.27	14.94	15.13	15.11	1.11	ppb
Barium	135-1	132.16	129.43	131.69	131.09	1.11	ppb
Barium	137-1	131.08	130.87	130.65	130.87	0.16	ppb
Beryllium	9-1	8.40	8.34	8.56	8.43	1.37	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	387.08	395.65	407.32	396.68	2.56	ppb
Boron	11-1	389.83	403.49	405.38	399.57	2.12	ppb
Cadmium	111-1	4.66	4.04	4.25	4.32	7.33	ppb
Cadmium	106-1	54.91	47.43	49.76	50.70	7.55	ppb
Cadmium	108-1	10.40	11.18	10.67	10.75	3.69	ppb
Calcium	43-1	756528.36	754913.92	760374.51	757272.26	0.37	ppb
Calcium	44-1	765233.62	756012.94	765027.70	762091.42	0.69	ppb
Chromium	52-2	976.42	973.31	975.85	975.19	0.17	ppb
Cobalt	59-2	41.47	41.04	41.39	41.30	0.55	ppb
Copper	63-2	25.70	25.58	25.21	25.50	1.01	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				100		%
Holmium	165-2				99		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	56-2	246594.90	246277.52	245625.64	246166.02	0.20	ppb
Iron	57-2	249736.99	247243.99	246916.26	247965.75	0.62	ppb
Lead	206-1	80.27	79.47	79.91	79.88	0.50	ppb
Lead	207-1	73.09	71.66	71.66	72.14	1.15	ppb
Lead	208-1	75.76	75.01	75.07	75.28	0.55	ppb
Lithium	6-1				66		%
Magnesium	24-2	45902.56	45867.41	45743.15	45837.71	0.18	ppb
Manganese	55-2	1967.62	1959.00	1955.30	1960.64	0.32	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-26	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-31-33-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:11:29	DataFile Name :	063SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	63.75	63.63	63.63	63.67	0.11	ppb
Molybdenum	95-1	0.37	0.35	0.33	0.35	5.36	ppb
Molybdenum	96-1	8.42	8.49	8.38	8.43	0.66	ppb
Molybdenum	97-1	0.32	0.34	0.32	0.32	3.08	ppb
Molybdenum	98-1	0.34	0.33	0.35	0.34	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.56	110.66	110.17	110.13	0.50	ppb
Phosphorus	31-2	93102.71	93266.26	93232.80	93200.59	0.09	ppb
Potassium	39-2	60310.46	59692.40	60222.02	60074.96	0.56	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	158.49	161.72	159.89	160.03	1.01	ppb
Selenium	78-2	31.34	30.91	30.27	30.84	1.75	ppb
Selenium	82-1	1.30	1.41	2.00	1.57	23.69	ppb
Silicon	28-1	5207.38	5082.39	5174.16	5154.65	1.26	ppb
Silver	109-1	0.07	0.05	0.05	0.06	14.61	ppb
Silver	107-1	0.19	0.15	0.15	0.16	15.71	ppb
Sodium	23-2	10325.48	10306.52	10174.16	10268.72	0.80	ppb
Strontium	86-1	781.85	777.14	783.77	780.92	0.44	ppb
Strontium	88-1	787.91	787.25	789.61	788.25	0.15	ppb
Sulfur	34-1	3937.62	3810.06	3898.73	3882.13	1.68	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.85	0.85	0.85	0.85	0.13	ppb
Thallium	205-1	0.87	0.84	0.86	0.86	2.25	ppb
Tin	118-1	1.10	1.08	1.07	1.09	1.16	ppb
Titanium	47-1	200.50	196.74	195.77	197.67	1.26	ppb
Uranium	238-1	48.12	47.45	47.56	47.71	0.75	ppb
Vanadium	51-2	149.64	149.41	148.93	149.33	0.24	ppb
Yttrium	89-1				281		%
Yttrium	89-2				282		%
Zinc	66-2	477.95	479.04	473.41	476.80	0.63	ppb
Zirconium	90-1	41.47	41.44	41.19	41.37	0.37	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-26	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-31-33-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:11:29	DataFile Name :	063SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	40.96	41.09	40.91	40.99	0.22	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-27 Instrumnet Name : P7
 Client Sample ID : WP021SB489-33-35-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 17:15:07 DataFile Name : 064SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96131.71	96333.15	96810.60	96425.15	0.36	ppb
Antimony	121-1	0.14	0.16	0.17	0.16	10.33	ppb
Arsenic	75-2	12.78	12.78	12.79	12.78	0.04	ppb
Barium	135-1	557.29	556.94	563.12	559.12	0.62	ppb
Barium	137-1	563.25	562.42	565.21	563.63	0.25	ppb
Beryllium	9-1	7.96	7.83	7.89	7.89	0.86	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	10-1	344.04	348.11	346.75	346.30	0.60	ppb
Boron	11-1	338.60	345.44	352.87	345.64	2.06	ppb
Cadmium	111-1	4.65	4.64	4.69	4.66	0.58	ppb
Cadmium	106-1	47.63	50.00	49.39	49.00	2.51	ppb
Cadmium	108-1	10.13	10.67	10.64	10.48	2.87	ppb
Calcium	43-1	442033.89	450844.28	450325.04	447734.40	1.10	ppb
Calcium	44-1	444900.94	451968.69	450033.60	448967.74	0.81	ppb
Chromium	52-2	977.59	978.98	979.10	978.56	0.09	ppb
Cobalt	59-2	29.56	29.67	29.79	29.68	0.38	ppb
Copper	63-2	28.88	28.85	28.60	28.77	0.54	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				91		%
Indium	115-2				90		%
Iron	56-2	230544.06	230521.71	230059.90	230375.22	0.12	ppb
Iron	57-2	230890.11	233346.75	231762.40	231999.75	0.54	ppb
Lead	206-1	80.39	81.17	81.02	80.86	0.51	ppb
Lead	207-1	73.73	73.88	74.74	74.12	0.74	ppb
Lead	208-1	76.21	76.67	77.48	76.79	0.84	ppb
Lithium	6-1				69		%
Magnesium	24-2	45707.81	45693.33	45125.18	45508.77	0.73	ppb
Manganese	55-2	948.31	949.73	944.79	947.61	0.27	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-27	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-33-35-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:15:07	DataFile Name :	064SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	62.43	62.60	63.10	62.71	0.56	ppb
Molybdenum	95-1	0.36	0.35	0.34	0.35	1.95	ppb
Molybdenum	96-1	8.33	8.31	8.20	8.28	0.81	ppb
Molybdenum	97-1	0.31	0.33	0.33	0.33	3.45	ppb
Molybdenum	98-1	0.32	0.34	0.32	0.33	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.02	89.95	87.16	88.38	1.62	ppb
Phosphorus	31-2	86181.62	87125.29	86444.26	86583.73	0.56	ppb
Potassium	39-2	57935.41	58097.41	57924.17	57985.66	0.17	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	77-2	174.41	166.74	169.50	170.22	2.28	ppb
Selenium	78-2	31.93	32.25	31.64	31.94	0.96	ppb
Selenium	82-1	2.18	1.69	2.14	2.00	13.70	ppb
Silicon	28-1	5916.48	6037.73	6098.57	6017.59	1.54	ppb
Silver	109-1	0.13	0.11	0.12	0.12	7.92	ppb
Silver	107-1	0.22	0.23	0.23	0.23	2.33	ppb
Sodium	23-2	11051.58	11029.38	10875.52	10985.49	0.87	ppb
Strontium	86-1	688.13	690.69	695.30	691.37	0.53	ppb
Strontium	88-1	692.68	696.09	699.84	696.20	0.51	ppb
Sulfur	34-1	3744.94	3865.88	3929.60	3846.81	2.44	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.69	0.73	0.71	0.71	2.42	ppb
Thallium	205-1	0.70	0.66	0.70	0.69	3.14	ppb
Tin	118-1	2.15	2.24	2.58	2.32	9.65	ppb
Titanium	47-1	161.57	164.12	158.14	161.28	1.86	ppb
Uranium	238-1	40.83	41.74	41.64	41.40	1.21	ppb
Vanadium	51-2	121.83	122.98	123.29	122.70	0.63	ppb
Yttrium	89-1				279		%
Yttrium	89-2				275		%
Zinc	66-2	350.99	351.89	353.60	352.16	0.38	ppb
Zirconium	90-1	40.82	40.88	40.75	40.82	0.16	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-27	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-33-35-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:15:07	DataFile Name :	064SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	40.36	40.37	40.68	40.47	0.44	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:29:46	DataFile Name :	065CCV_P7070818MS.C

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51236.40	50506.63	51369.77	51037.60	0.91	ppb
Antimony	121-1	482.57	481.85	475.85	480.09	0.77	ppb
Arsenic	75-2	485.35	486.65	492.36	488.12	0.76	ppb
Barium	135-1	2522.10	2502.71	2480.15	2501.66	0.84	ppb
Barium	137-1	2496.41	2478.80	2443.51	2472.91	1.09	ppb
Beryllium	9-1	536.73	537.74	528.74	534.40	0.92	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	10-1	502.21	512.35	517.93	510.83	1.56	ppb
Boron	11-1	506.05	516.24	518.49	513.60	1.29	ppb
Cadmium	111-1	460.26	457.25	453.23	456.91	0.77	ppb
Cadmium	106-1	467.22	458.20	453.81	459.74	1.49	ppb
Cadmium	108-1	464.43	468.85	467.47	466.92	0.48	ppb
Calcium	43-1	240766.39	239723.29	235991.83	238827.17	1.05	ppb
Calcium	44-1	240846.07	239726.71	236901.48	239158.09	0.85	ppb
Chromium	52-2	507.86	507.82	516.52	510.74	0.98	ppb
Cobalt	59-2	511.04	507.34	517.33	511.90	0.99	ppb
Copper	63-2	988.30	982.38	1000.66	990.44	0.94	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				95		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	129724.22	128770.67	131390.36	129961.75	1.02	ppb
Iron	57-2	130260.27	129420.23	131865.13	130515.21	0.95	ppb
Lead	206-1	502.44	503.43	502.22	502.70	0.13	ppb
Lead	207-1	503.89	510.88	505.84	506.87	0.71	ppb
Lead	208-1	501.60	505.35	500.82	502.59	0.48	ppb
Lithium	6-1				71		%
Magnesium	24-2	253585.03	250321.63	255426.21	253110.96	1.02	ppb
Manganese	55-2	989.35	988.65	1005.54	994.51	0.96	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:29:46	DataFile Name :	065CCV_P7070818MS.C

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2485.10	2499.94	2472.75	2485.93	0.55	ppb
Molybdenum	95-1	2504.48	2491.21	2460.38	2485.35	0.91	ppb
Molybdenum	96-1	2518.26	2509.45	2475.89	2501.20	0.89	ppb
Molybdenum	97-1	2517.30	2494.00	2472.59	2494.63	0.90	ppb
Molybdenum	98-1	2527.17	2513.25	2480.13	2506.85	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.60	501.84	512.92	507.12	1.10	ppb
Phosphorus	31-2	9883.34	9679.40	10058.38	9873.71	1.92	ppb
Potassium	39-2	121275.23	121070.66	123301.88	121882.59	1.01	ppb
Rhodium	103-1				85		%
Rhodium	103-2				81		%
Scandium	45-1				83		%
Scandium	45-2				80		%
Selenium	77-2	478.88	486.51	496.93	487.44	1.86	ppb
Selenium	78-2	462.93	454.11	479.16	465.40	2.73	ppb
Selenium	82-1	475.97	475.88	470.69	474.18	0.64	ppb
Silicon	28-1	598.62	593.72	597.36	596.56	0.43	ppb
Silver	109-1	460.91	454.62	452.88	456.14	0.93	ppb
Silver	107-1	459.02	455.66	458.07	457.58	0.38	ppb
Sodium	23-2	251355.49	250039.58	254207.86	251867.64	0.85	ppb
Strontium	86-1	494.57	493.92	487.01	491.83	0.85	ppb
Strontium	88-1	501.66	499.38	491.27	497.44	1.10	ppb
Sulfur	34-1	9757.62	9764.06	9643.60	9721.76	0.70	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	502.90	495.41	500.55	499.62	0.77	ppb
Thallium	205-1	502.22	499.33	502.57	501.38	0.35	ppb
Tin	118-1	484.30	482.19	478.28	481.59	0.63	ppb
Titanium	47-1	2509.11	2497.48	2460.19	2488.93	1.03	ppb
Uranium	238-1	521.70	516.29	513.39	517.13	0.82	ppb
Vanadium	51-2	507.10	506.87	514.78	509.58	0.88	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	970.40	971.35	993.62	978.46	1.34	ppb
Zirconium	90-1	499.20	498.75	495.48	497.81	0.41	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:29:46	DataFile Name :	065CCV_P7070818MS.C

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.59	497.16	490.02	493.25	0.73	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:36:09	DataFile Name :	066CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.36	1.37	1.07	1.27	13.55	ppb
Antimony	121-1	0.33	0.31	0.30	0.31	4.76	ppb
Arsenic	75-2	0.04	0.02	0.01	0.02	83.30	ppb
Barium	135-1	0.08	0.09	0.08	0.08	6.18	ppb
Barium	137-1	0.07	0.06	0.03	0.06	34.61	ppb
Beryllium	9-1	0.04	0.08	0.06	0.06	27.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	12.49	12.41	11.15	12.02	6.25	ppb
Boron	11-1	12.11	11.90	11.37	11.79	3.24	ppb
Cadmium	111-1	-0.07	-0.04	-0.08	-0.06		ppb
Cadmium	106-1	-1.12	-0.71	-1.13	-0.99		ppb
Cadmium	108-1	-0.03	-0.06	0.06	-0.01		ppb
Calcium	43-1	6.39	4.19	3.64	4.74	30.60	ppb
Calcium	44-1	3.74	4.38	5.22	4.45	16.68	ppb
Chromium	52-2	0.02	-0.01	0.01	0.01	279.33	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.06	-0.02	-0.05	-0.05		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				97		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	3.85	3.62	3.41	3.63	6.10	ppb
Iron	57-2	2.56	1.65	1.49	1.90	30.55	ppb
Lead	206-1	0.11	0.12	0.10	0.11	5.68	ppb
Lead	207-1	0.10	0.10	0.08	0.10	12.49	ppb
Lead	208-1	0.11	0.10	0.09	0.10	8.22	ppb
Lithium	6-1				76		%
Magnesium	24-2	6.45	6.67	5.31	6.15	11.85	ppb
Manganese	55-2	0.03	0.03	0.02	0.03	32.22	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:36:09	DataFile Name :	066CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.22	0.21	0.21	3.43	ppb
Molybdenum	95-1	0.23	0.22	0.18	0.21	13.54	ppb
Molybdenum	96-1	0.22	0.15	0.15	0.17	21.26	ppb
Molybdenum	97-1	0.17	0.17	0.14	0.16	10.47	ppb
Molybdenum	98-1	0.19	0.15	0.16	0.17	13.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.01	82.76	ppb
Phosphorus	31-2	-3.88	-10.58	-2.18	-5.55		ppb
Potassium	39-2	13.24	13.36	15.09	13.90	7.47	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				86		%
Scandium	45-2				81		%
Selenium	77-2	-0.37	0.04	0.45	0.04	981.33	ppb
Selenium	78-2	-0.56	0.14	0.52	0.03	1628.87	ppb
Selenium	82-1	5.60	6.38	4.69	5.55	15.23	ppb
Silicon	28-1	-9.54	-9.72	-9.83	-9.70		ppb
Silver	109-1	0.04	0.03	0.03	0.03	11.49	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.96	ppb
Sodium	23-2	18.74	17.30	19.22	18.42	5.43	ppb
Strontium	86-1	-0.04	0.05	0.00	0.00	949.36	ppb
Strontium	88-1	0.01	0.02	0.02	0.02	6.45	ppb
Sulfur	34-1	-760.01	-726.33	-816.21	-767.52		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.05	0.04	0.05	14.20	ppb
Thallium	205-1	0.06	0.07	0.04	0.06	26.66	ppb
Tin	118-1	0.05	0.10	0.08	0.08	35.46	ppb
Titanium	47-1	0.13	0.01	0.05	0.06	96.01	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.08	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	49.76	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	-0.17	0.07	-0.02	-0.04		ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	4.44	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:36:09	DataFile Name :	066CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.03	0.04	23.51	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BL	Instrumnet Name :	P7
Client Sample ID :	PB110897BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:15:51	DataFile Name :	067CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.83	0.45	0.52	0.60	34.12	ppb
Antimony	121-1	0.04	0.04	0.03	0.03	18.38	ppb
Arsenic	75-2	0.00	0.01	0.02	0.01	75.98	ppb
Barium	135-1	0.00	0.01	0.01	0.01	77.15	ppb
Barium	137-1	0.00	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.04	0.06	0.04	0.05	21.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	2.46	1.91	1.46	1.94	25.81	ppb
Boron	11-1	1.70	1.94	1.97	1.87	7.97	ppb
Cadmium	111-1	-0.09	-0.13	-0.07	-0.10		ppb
Cadmium	106-1	-1.27	-1.79	-0.97	-1.34		ppb
Cadmium	108-1	0.00	-0.06	-0.09	-0.05		ppb
Calcium	43-1	-1.11	-0.84	1.36	-0.20		ppb
Calcium	44-1	-4.09	-3.64	-3.60	-3.78		ppb
Chromium	52-2	0.00	-0.02	0.01	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.08	-0.08	-0.10	-0.09		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				101		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	0.51	0.43	0.51	0.48	9.90	ppb
Iron	57-2	1.08	0.60	2.38	1.36	67.84	ppb
Lead	206-1	0.03	0.02	0.03	0.03	16.75	ppb
Lead	207-1	0.02	0.03	0.02	0.02	32.06	ppb
Lead	208-1	0.02	0.03	0.03	0.03	14.04	ppb
Lithium	6-1				78		%
Magnesium	24-2	0.89	0.68	0.74	0.77	13.97	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BL	Instrumnet Name :	P7
Client Sample ID :	PB110897BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:15:51	DataFile Name :	067CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	141.39	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.00	81.00	ppb
Molybdenum	97-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	5157.42	ppb
Phosphorus	31-2	-2.39	-12.19	-9.68	-8.08		ppb
Potassium	39-2	4.39	3.38	3.69	3.82	13.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				82		%
Selenium	77-2	0.05	-0.37	0.04	-0.09		ppb
Selenium	78-2	-0.31	0.13	-0.60	-0.26		ppb
Selenium	82-1	4.23	5.90	5.13	5.09	16.42	ppb
Silicon	28-1	-4.96	-9.87	-9.37	-8.07		ppb
Silver	109-1	0.01	0.00	0.01	0.01	36.14	ppb
Silver	107-1	0.00	0.01	0.00	0.01	64.91	ppb
Sodium	23-2	6.92	6.14	6.32	6.46	6.38	ppb
Strontium	86-1	0.01	0.02	0.00	0.01	146.26	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	46.88	ppb
Sulfur	34-1	-598.88	-587.33	-472.26	-552.83		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.03	0.03	0.02	44.87	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	54.17	ppb
Tin	118-1	0.00	0.01	0.03	0.01	113.00	ppb
Titanium	47-1	-0.05	-0.05	0.00	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	597.13	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	-0.02	-0.12	-0.11	-0.08		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	48.48	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BL	Instrumnet Name :	P7
Client Sample ID :	PB110897BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:15:51	DataFile Name :	067CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.02	36.89	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BS	Instrumnet Name :	P7
Client Sample ID :	PB110897BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:19:25	DataFile Name :	068LCSS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10002.50	9718.64	9792.97	9838.04	1.50	ppb
Antimony	121-1	496.26	504.01	497.31	499.19	0.84	ppb
Arsenic	75-2	500.79	492.70	502.74	498.74	1.07	ppb
Barium	135-1	2524.30	2559.11	2545.41	2542.94	0.69	ppb
Barium	137-1	2537.17	2529.70	2542.80	2536.56	0.26	ppb
Beryllium	9-1	518.58	519.98	524.22	520.93	0.56	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	463.02	487.09	498.03	482.71	3.71	ppb
Boron	11-1	458.75	479.12	494.36	477.41	3.74	ppb
Cadmium	111-1	483.70	486.08	486.13	485.30	0.29	ppb
Cadmium	106-1	483.37	490.68	488.71	487.59	0.78	ppb
Cadmium	108-1	490.75	501.46	493.14	495.12	1.14	ppb
Calcium	43-1	48622.03	49018.95	48212.28	48617.75	0.83	ppb
Calcium	44-1	48966.02	49383.80	48771.54	49040.46	0.64	ppb
Chromium	52-2	508.34	500.98	503.92	504.41	0.73	ppb
Cobalt	59-2	532.05	522.93	526.94	527.31	0.87	ppb
Copper	63-2	1067.20	1051.13	1058.76	1059.03	0.76	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				97		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	27081.58	26519.96	26562.46	26721.33	1.17	ppb
Iron	57-2	26709.74	26189.37	26341.24	26413.45	1.01	ppb
Lead	206-1	497.73	500.69	497.55	498.66	0.35	ppb
Lead	207-1	502.94	509.25	504.53	505.57	0.65	ppb
Lead	208-1	500.68	505.69	501.98	502.78	0.52	ppb
Lithium	6-1				76		%
Magnesium	24-2	51815.27	50978.82	51208.10	51334.06	0.84	ppb
Manganese	55-2	1020.81	998.50	1009.23	1009.51	1.10	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BS	Instrumnet Name :	P7
Client Sample ID :	PB110897BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:19:25	DataFile Name :	068LCSS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2499.41	2547.27	2508.81	2518.50	1.01	ppb
Molybdenum	95-1	2510.78	2539.40	2514.21	2521.46	0.62	ppb
Molybdenum	96-1	2514.35	2540.34	2512.78	2522.49	0.61	ppb
Molybdenum	97-1	2507.51	2536.80	2527.80	2524.04	0.59	ppb
Molybdenum	98-1	2517.70	2537.46	2528.63	2527.93	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.97	520.44	523.14	523.52	0.63	ppb
Phosphorus	31-2	9927.96	9698.38	9835.18	9820.51	1.18	ppb
Potassium	39-2	24828.93	24315.55	24452.40	24532.29	1.08	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				81		%
Selenium	77-2	502.69	490.72	500.76	498.06	1.29	ppb
Selenium	78-2	493.55	478.39	497.15	489.70	2.03	ppb
Selenium	82-1	497.48	506.69	502.53	502.23	0.92	ppb
Silicon	28-1	593.67	597.26	594.89	595.27	0.31	ppb
Silver	109-1	485.81	492.94	488.80	489.18	0.73	ppb
Silver	107-1	486.79	490.67	488.81	488.76	0.40	ppb
Sodium	23-2	51777.37	50572.21	51150.52	51166.70	1.18	ppb
Strontium	86-1	496.14	501.20	496.16	497.83	0.59	ppb
Strontium	88-1	505.55	512.11	504.36	507.34	0.82	ppb
Sulfur	34-1	10152.58	10072.88	9936.40	10053.95	1.09	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	497.65	498.70	497.95	498.10	0.11	ppb
Thallium	205-1	506.03	506.01	497.50	503.18	0.98	ppb
Tin	118-1	491.09	498.06	492.96	494.04	0.73	ppb
Titanium	47-1	2515.90	2531.13	2539.36	2528.80	0.47	ppb
Uranium	238-1	500.43	504.92	497.03	500.79	0.79	ppb
Vanadium	51-2	520.08	510.38	514.29	514.92	0.95	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	1060.46	1033.28	1041.23	1044.99	1.34	ppb
Zirconium	90-1	501.26	505.97	502.72	503.32	0.48	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BS	Instrumnet Name :	P7
Client Sample ID :	PB110897BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:19:25	DataFile Name :	068LCSS_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.15	497.67	497.13	494.98	0.85	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:28:06	DataFile Name :	069SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92885.55	92010.46	92721.71	92539.24	0.50	ppb
Antimony	121-1	0.66	0.63	0.65	0.64	2.46	ppb
Arsenic	75-2	33.44	32.65	32.99	33.03	1.20	ppb
Barium	135-1	1397.37	1420.59	1384.37	1400.78	1.31	ppb
Barium	137-1	1414.13	1420.75	1392.07	1408.99	1.07	ppb
Beryllium	9-1	4.69	4.74	4.71	4.71	0.53	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Boron	10-1	32.80	34.21	31.94	32.99	3.47	ppb
Boron	11-1	32.63	31.27	31.84	31.91	2.15	ppb
Cadmium	111-1	1.94	2.00	2.01	1.98	1.82	ppb
Cadmium	106-1	6.91	7.50	9.03	7.82	14.00	ppb
Cadmium	108-1	4.55	4.88	4.35	4.60	5.82	ppb
Calcium	43-1	206416.40	205498.41	205460.02	205791.61	0.26	ppb
Calcium	44-1	206960.86	206656.91	206052.54	206556.77	0.22	ppb
Chromium	52-2	242.90	241.33	242.38	242.21	0.33	ppb
Cobalt	59-2	126.74	125.70	128.22	126.89	1.00	ppb
Copper	63-2	427.16	424.04	425.89	425.70	0.37	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				96		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	212029.12	210607.14	211851.25	211495.83	0.37	ppb
Iron	57-2	214306.76	211954.98	212147.40	212803.05	0.61	ppb
Lead	206-1	1679.55	1681.22	1684.38	1681.72	0.15	ppb
Lead	207-1	1567.49	1569.06	1572.24	1569.60	0.15	ppb
Lead	208-1	1617.85	1619.98	1621.51	1619.78	0.11	ppb
Lithium	6-1				73		%
Magnesium	24-2	44787.55	44101.95	44443.98	44444.49	0.77	ppb
Manganese	55-2	6423.87	6359.85	6390.95	6391.56	0.50	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:28:06	DataFile Name :	069SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	44.40	44.05	43.06	43.84	1.59	ppb
Molybdenum	95-1	5.88	5.68	5.84	5.80	1.77	ppb
Molybdenum	96-1	11.33	11.00	10.97	11.10	1.81	ppb
Molybdenum	97-1	6.10	5.67	5.80	5.86	3.76	ppb
Molybdenum	98-1	5.92	5.83	5.67	5.80	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	271.45	270.34	272.19	271.33	0.34	ppb
Phosphorus	31-2	12871.36	13146.11	13081.67	13033.05	1.10	ppb
Potassium	39-2	39406.96	39428.45	39473.39	39436.27	0.09	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				83		%
Selenium	77-2	69.33	71.93	78.47	73.25	6.43	ppb
Selenium	78-2	16.66	15.47	13.58	15.24	10.20	ppb
Selenium	82-1	6.53	7.28	6.74	6.85	5.60	ppb
Silicon	28-1	2820.63	2817.04	2790.60	2809.42	0.58	ppb
Silver	109-1	1.01	0.98	0.93	0.97	3.98	ppb
Silver	107-1	0.96	0.99	0.98	0.98	1.32	ppb
Sodium	23-2	6203.92	6110.50	6147.83	6154.09	0.76	ppb
Strontium	86-1	592.67	589.08	580.22	587.33	1.09	ppb
Strontium	88-1	602.74	601.66	594.24	599.55	0.77	ppb
Sulfur	34-1	402.82	163.19	203.59	256.53	50.01	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	2.82	2.78	2.81	2.80	0.76	ppb
Thallium	205-1	2.91	2.85	2.84	2.87	1.33	ppb
Tin	118-1	18.96	19.34	18.68	18.99	1.74	ppb
Titanium	47-1	6665.55	6608.61	6646.99	6640.38	0.44	ppb
Uranium	238-1	5.69	5.55	5.68	5.64	1.36	ppb
Vanadium	51-2	300.70	298.97	302.26	300.64	0.55	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	790.23	786.36	792.28	789.62	0.38	ppb
Zirconium	90-1	25.74	25.78	25.54	25.69	0.51	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:28:06	DataFile Name :	069SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.83	25.82	25.35	25.67	1.06	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:35:31	DataFile Name :	070SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92806.03	92255.05	91437.36	92166.15	0.75	ppb
Antimony	121-1	0.46	0.45	0.47	0.46	2.28	ppb
Arsenic	75-2	31.83	31.22	32.26	31.77	1.63	ppb
Barium	135-1	1406.39	1391.78	1405.81	1401.33	0.59	ppb
Barium	137-1	1408.14	1399.68	1413.36	1407.06	0.49	ppb
Beryllium	9-1	4.68	4.58	4.71	4.66	1.49	ppb
Bismuth	209-1				90		%
Bismuth	209-2				85		%
Boron	10-1	27.70	28.56	29.96	28.74	3.96	ppb
Boron	11-1	28.05	29.49	29.71	29.08	3.10	ppb
Cadmium	111-1	1.96	2.01	2.10	2.02	3.67	ppb
Cadmium	106-1	7.91	8.01	8.28	8.07	2.38	ppb
Cadmium	108-1	4.17	4.11	4.13	4.14	0.81	ppb
Calcium	43-1	207983.46	207625.78	208847.86	208152.37	0.30	ppb
Calcium	44-1	208391.51	207263.40	209885.57	208513.50	0.63	ppb
Chromium	52-2	242.57	240.99	240.99	241.52	0.38	ppb
Cobalt	59-2	122.81	122.93	123.78	123.17	0.43	ppb
Copper	63-2	419.43	416.33	418.85	418.20	0.40	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				97		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	210926.14	210554.79	209190.82	210223.92	0.43	ppb
Iron	57-2	211023.76	210502.10	210657.19	210727.69	0.13	ppb
Lead	206-1	1671.27	1656.92	1684.79	1670.99	0.83	ppb
Lead	207-1	1569.22	1556.00	1574.33	1566.52	0.60	ppb
Lead	208-1	1615.00	1604.08	1623.49	1614.19	0.60	ppb
Lithium	6-1				74		%
Magnesium	24-2	44852.53	44630.21	44533.52	44672.09	0.37	ppb
Manganese	55-2	6223.66	6168.79	6156.62	6183.02	0.58	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:35:31	DataFile Name :	070SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	43.21	42.66	43.09	42.99	0.67	ppb
Molybdenum	95-1	5.57	5.55	5.63	5.58	0.73	ppb
Molybdenum	96-1	10.86	11.03	10.77	10.89	1.17	ppb
Molybdenum	97-1	5.51	5.68	5.75	5.65	2.19	ppb
Molybdenum	98-1	5.63	5.53	5.59	5.59	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.27	265.86	267.09	266.07	0.35	ppb
Phosphorus	31-2	12715.97	12710.92	12681.22	12702.70	0.15	ppb
Potassium	39-2	40279.82	39858.39	39753.26	39963.82	0.70	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				84		%
Selenium	77-2	77.56	73.90	61.89	71.12	11.53	ppb
Selenium	78-2	14.40	16.29	17.31	16.00	9.25	ppb
Selenium	82-1	7.31	6.45	7.23	7.00	6.79	ppb
Silicon	28-1	3379.83	3380.67	3414.64	3391.71	0.59	ppb
Silver	109-1	1.00	0.86	0.93	0.93	7.40	ppb
Silver	107-1	0.97	1.00	0.94	0.97	2.96	ppb
Sodium	23-2	6129.54	6121.92	6114.46	6121.97	0.12	ppb
Strontium	86-1	598.38	595.40	595.28	596.36	0.29	ppb
Strontium	88-1	605.80	607.69	607.52	607.00	0.17	ppb
Sulfur	34-1	379.38	196.78	427.44	334.54	36.38	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	2.76	2.76	2.74	2.75	0.38	ppb
Thallium	205-1	2.76	2.85	2.85	2.82	1.72	ppb
Tin	118-1	18.55	18.38	18.67	18.53	0.78	ppb
Titanium	47-1	6725.14	6699.31	6754.97	6726.47	0.41	ppb
Uranium	238-1	5.72	5.81	5.78	5.77	0.73	ppb
Vanadium	51-2	302.12	299.50	299.25	300.29	0.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	782.30	776.02	782.27	780.20	0.46	ppb
Zirconium	90-1	25.31	25.02	25.28	25.20	0.62	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:35:31	DataFile Name :	070SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.24	25.05	25.17	25.15	0.36	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 18:39:07	DataFile Name :	071SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19291.19	19202.45	19388.28	19293.97	0.48	ppb
Antimony	121-1	0.11	0.09	0.11	0.10	9.81	ppb
Arsenic	75-2	7.67	7.90	7.92	7.83	1.72	ppb
Barium	135-1	274.92	278.89	276.85	276.89	0.72	ppb
Barium	137-1	274.15	277.24	277.46	276.28	0.67	ppb
Beryllium	9-1	1.05	0.94	0.96	0.99	5.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	7.39	8.49	8.86	8.24	9.26	ppb
Boron	11-1	8.32	8.48	8.42	8.40	0.99	ppb
Cadmium	111-1	0.41	0.40	0.33	0.38	12.09	ppb
Cadmium	106-1	1.78	1.77	0.38	1.31	61.57	ppb
Cadmium	108-1	0.92	0.96	0.76	0.88	12.13	ppb
Calcium	43-1	42187.70	42687.23	42760.59	42545.17	0.73	ppb
Calcium	44-1	42650.73	43071.70	43131.33	42951.25	0.61	ppb
Chromium	52-2	50.47	50.63	50.68	50.60	0.22	ppb
Cobalt	59-2	26.98	26.61	26.80	26.79	0.69	ppb
Copper	63-2	91.61	90.54	91.66	91.27	0.69	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				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	44652.40	44429.48	44508.14	44530.01	0.25	ppb
Iron	57-2	44458.35	44096.82	44416.28	44323.81	0.45	ppb
Lead	206-1	318.21	318.18	324.16	320.18	1.08	ppb
Lead	207-1	297.08	294.56	300.17	297.27	0.94	ppb
Lead	208-1	307.41	305.78	309.77	307.65	0.65	ppb
Lithium	6-1				79		%
Magnesium	24-2	9367.51	9258.48	9380.57	9335.52	0.72	ppb
Manganese	55-2	1333.38	1333.87	1334.65	1333.97	0.05	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 18:39:07	DataFile Name :	071SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.12	9.75	9.71	9.86	2.27	ppb
Molybdenum	95-1	1.33	1.46	1.39	1.39	4.77	ppb
Molybdenum	96-1	2.60	2.56	2.65	2.60	1.67	ppb
Molybdenum	97-1	1.35	1.30	1.27	1.31	2.93	ppb
Molybdenum	98-1	1.35	1.37	1.26	1.33	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.19	57.45	58.48	58.04	0.92	ppb
Phosphorus	31-2	2720.40	2816.51	2730.73	2755.88	1.91	ppb
Potassium	39-2	8065.97	8127.15	8094.73	8095.95	0.38	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				83		%
Selenium	77-2	15.76	25.93	16.58	19.43	29.09	ppb
Selenium	78-2	3.61	2.79	2.99	3.13	13.63	ppb
Selenium	82-1	6.29	5.04	4.63	5.32	16.28	ppb
Silicon	28-1	574.77	583.87	586.58	581.74	1.06	ppb
Silver	109-1	0.20	0.21	0.19	0.20	6.09	ppb
Silver	107-1	0.22	0.23	0.23	0.22	3.51	ppb
Sodium	23-2	1269.60	1252.55	1278.51	1266.88	1.04	ppb
Strontium	86-1	135.30	136.38	136.60	136.09	0.51	ppb
Strontium	88-1	139.48	140.50	141.03	140.34	0.56	ppb
Sulfur	34-1	-1217.70	-1144.19	-1219.15	-1193.68		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.52	0.57	0.55	0.55	4.12	ppb
Thallium	205-1	0.51	0.57	0.52	0.53	6.33	ppb
Tin	118-1	3.84	3.87	3.79	3.83	0.96	ppb
Titanium	47-1	1362.25	1366.64	1376.72	1368.54	0.54	ppb
Uranium	238-1	1.04	1.09	1.04	1.06	2.82	ppb
Vanadium	51-2	61.99	61.95	62.36	62.10	0.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	174.44	170.42	175.98	173.61	1.65	ppb
Zirconium	90-1	5.73	5.83	5.86	5.81	1.18	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 18:39:07	DataFile Name :	071SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.89	5.88	5.83	5.87	0.57	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MS	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:42:41	DataFile Name :	072SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	115191.37	114847.27	115596.18	115211.61	0.33	ppb
Antimony	121-1	104.23	102.51	101.60	102.78	1.30	ppb
Arsenic	75-2	398.40	399.93	396.49	398.27	0.43	ppb
Barium	135-1	4137.54	4091.03	4052.38	4093.65	1.04	ppb
Barium	137-1	4146.24	4052.30	4050.43	4082.99	1.34	ppb
Beryllium	9-1	502.75	498.60	497.16	499.51	0.58	ppb
Bismuth	209-1				86		%
Bismuth	209-2				82		%
Boron	10-1	474.71	480.44	490.29	481.81	1.64	ppb
Boron	11-1	472.64	485.79	496.02	484.82	2.42	ppb
Cadmium	111-1	463.45	457.68	452.97	458.03	1.15	ppb
Cadmium	106-1	468.59	476.63	467.99	471.07	1.02	ppb
Cadmium	108-1	472.29	462.93	457.03	464.09	1.66	ppb
Calcium	43-1	275864.37	275990.24	273927.59	275260.73	0.42	ppb
Calcium	44-1	277343.21	277260.95	275405.98	276670.05	0.40	ppb
Chromium	52-2	725.63	727.24	731.87	728.25	0.44	ppb
Cobalt	59-2	580.23	578.24	576.32	578.26	0.34	ppb
Copper	63-2	1337.47	1332.20	1334.17	1334.62	0.20	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				92		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	257889.28	258254.74	258807.47	258317.17	0.18	ppb
Iron	57-2	260111.14	260103.53	259572.46	259929.04	0.12	ppb
Lead	206-1	6736.38	6724.03	6766.22	6742.21	0.32	ppb
Lead	207-1	6387.39	6325.26	6385.68	6366.11	0.56	ppb
Lead	208-1	6534.85	6535.19	6548.59	6539.54	0.12	ppb
Lithium	6-1				71		%
Magnesium	24-2	95252.05	95329.12	95680.57	95420.58	0.24	ppb
Manganese	55-2	7396.81	7410.50	7402.28	7403.20	0.09	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MS	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:42:41	DataFile Name :	072SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1919.62	1914.32	1898.89	1910.94	0.56	ppb
Molybdenum	95-1	1867.26	1856.09	1853.40	1858.92	0.40	ppb
Molybdenum	96-1	1884.65	1873.03	1863.38	1873.69	0.57	ppb
Molybdenum	97-1	1875.15	1862.62	1849.33	1862.37	0.69	ppb
Molybdenum	98-1	1877.05	1876.71	1847.01	1866.92	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	716.18	718.89	717.20	717.42	0.19	ppb
Phosphorus	31-2	13734.60	13455.46	13669.96	13620.01	1.07	ppb
Potassium	39-2	67246.33	67378.53	67398.77	67341.21	0.12	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	77-2	416.42	403.18	414.91	411.51	1.76	ppb
Selenium	78-2	360.42	345.80	349.12	351.78	2.18	ppb
Selenium	82-1	360.56	353.15	355.59	356.43	1.06	ppb
Silicon	28-1	6132.39	6174.42	6142.20	6149.67	0.36	ppb
Silver	109-1	340.42	335.40	333.17	336.33	1.10	ppb
Silver	107-1	341.89	337.48	335.64	338.34	0.95	ppb
Sodium	23-2	51089.87	50792.54	51013.69	50965.37	0.30	ppb
Strontium	86-1	1069.81	1061.61	1057.69	1063.03	0.58	ppb
Strontium	88-1	1079.18	1069.77	1064.86	1071.27	0.68	ppb
Sulfur	34-1	1054.22	768.46	630.86	817.85	26.41	ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	510.82	507.87	508.69	509.13	0.30	ppb
Thallium	205-1	510.16	507.43	510.68	509.42	0.34	ppb
Tin	118-1	375.96	374.55	368.70	373.07	1.03	ppb
Titanium	47-1	11381.64	11324.34	11288.02	11331.33	0.42	ppb
Uranium	238-1	520.79	513.45	513.99	516.08	0.79	ppb
Vanadium	51-2	798.48	804.71	799.00	800.73	0.43	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	1879.39	1881.87	1885.64	1882.30	0.17	ppb
Zirconium	90-1	405.38	403.78	400.37	403.17	0.63	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MS	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:42:41	DataFile Name :	072SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	400.07	401.12	396.53	399.24	0.60	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:46:18	DataFile Name :	073SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112861.25	111121.56	111456.04	111812.95	0.83	ppb
Antimony	121-1	108.07	106.07	106.99	107.04	0.93	ppb
Arsenic	75-2	383.39	386.73	384.40	384.84	0.45	ppb
Barium	135-1	3963.56	3900.47	3913.54	3925.85	0.85	ppb
Barium	137-1	3985.28	3905.78	3920.65	3937.24	1.07	ppb
Beryllium	9-1	513.99	507.02	509.65	510.22	0.69	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	496.42	505.43	521.27	507.71	2.48	ppb
Boron	11-1	501.80	509.15	512.42	507.79	1.07	ppb
Cadmium	111-1	465.03	460.38	458.77	461.39	0.71	ppb
Cadmium	106-1	479.97	471.94	471.45	474.45	1.01	ppb
Cadmium	108-1	467.28	467.52	463.16	465.98	0.53	ppb
Calcium	43-1	346150.24	338440.69	337572.51	340721.15	1.39	ppb
Calcium	44-1	348002.88	340874.50	338810.71	342562.70	1.41	ppb
Chromium	52-2	726.99	719.00	723.95	723.31	0.56	ppb
Cobalt	59-2	579.53	572.51	579.56	577.20	0.70	ppb
Copper	63-2	1271.09	1256.21	1267.06	1264.79	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				95		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	247309.77	243171.68	246006.23	245495.89	0.86	ppb
Iron	57-2	248125.75	244164.02	246408.79	246232.85	0.81	ppb
Lead	206-1	5846.15	5804.23	5737.87	5796.08	0.94	ppb
Lead	207-1	5599.40	5490.02	5429.68	5506.36	1.56	ppb
Lead	208-1	5710.09	5607.53	5573.15	5630.26	1.27	ppb
Lithium	6-1				72		%
Magnesium	24-2	111367.02	109408.77	109691.70	110155.83	0.96	ppb
Manganese	55-2	6412.95	6313.39	6381.92	6369.42	0.80	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:46:18	DataFile Name :	073SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1725.87	1708.03	1694.10	1709.33	0.93	ppb
Molybdenum	95-1	1677.19	1663.66	1649.60	1663.48	0.83	ppb
Molybdenum	96-1	1692.42	1675.96	1658.10	1675.49	1.02	ppb
Molybdenum	97-1	1677.44	1670.00	1658.27	1668.57	0.58	ppb
Molybdenum	98-1	1689.55	1672.53	1661.35	1674.48	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	707.38	696.82	700.23	701.47	0.77	ppb
Phosphorus	31-2	12298.92	11964.97	11915.57	12059.82	1.73	ppb
Potassium	39-2	66884.33	66098.75	66285.39	66422.82	0.62	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	77-2	455.21	448.85	485.42	463.16	4.22	ppb
Selenium	78-2	335.08	331.20	338.59	334.95	1.10	ppb
Selenium	82-1	318.88	318.99	314.48	317.45	0.81	ppb
Silicon	28-1	4619.78	4587.08	4532.55	4579.80	0.96	ppb
Silver	109-1	336.16	331.07	329.89	332.37	1.00	ppb
Silver	107-1	339.09	333.70	332.47	335.08	1.05	ppb
Sodium	23-2	52974.69	52264.94	52530.89	52590.17	0.68	ppb
Strontium	86-1	991.51	985.08	976.91	984.50	0.74	ppb
Strontium	88-1	996.37	988.18	989.15	991.23	0.45	ppb
Sulfur	34-1	1098.91	777.53	727.28	867.91	23.23	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	527.73	516.58	516.53	520.28	1.24	ppb
Thallium	205-1	524.73	517.26	519.52	520.50	0.74	ppb
Tin	118-1	367.96	365.45	364.82	366.08	0.45	ppb
Titanium	47-1	10655.47	10515.99	10444.26	10538.57	1.02	ppb
Uranium	238-1	535.42	535.69	529.04	533.38	0.71	ppb
Vanadium	51-2	816.17	804.88	808.29	809.78	0.71	ppb
Yttrium	89-1				122		%
Yttrium	89-2				121		%
Zinc	66-2	1683.90	1662.64	1677.49	1674.68	0.65	ppb
Zirconium	90-1	365.60	361.58	358.71	361.96	0.96	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:46:18	DataFile Name :	073SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	360.04	356.54	355.64	357.41	0.65	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01A	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:49:56	DataFile Name :	074SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100153.17	100137.66	99341.35	99877.39	0.46	ppb
Antimony	121-1	462.37	468.68	464.24	465.10	0.70	ppb
Arsenic	75-2	401.51	401.41	403.01	401.98	0.22	ppb
Barium	135-1	3760.15	3798.57	3770.31	3776.34	0.53	ppb
Barium	137-1	3760.56	3799.04	3774.80	3778.14	0.51	ppb
Beryllium	9-1	488.14	491.52	482.55	487.40	0.93	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	557.95	558.15	547.70	554.60	1.08	ppb
Boron	11-1	545.74	551.64	549.69	549.02	0.55	ppb
Cadmium	111-1	448.29	453.60	449.16	450.35	0.63	ppb
Cadmium	106-1	467.85	476.52	468.43	470.93	1.03	ppb
Cadmium	108-1	457.19	462.51	451.15	456.95	1.24	ppb
Calcium	43-1	237799.78	241060.88	238499.11	239119.92	0.72	ppb
Calcium	44-1	238310.39	241733.04	239209.12	239750.85	0.74	ppb
Chromium	52-2	679.24	684.78	678.43	680.81	0.51	ppb
Cobalt	59-2	580.37	581.07	578.51	579.98	0.23	ppb
Copper	63-2	1271.06	1277.13	1276.19	1274.79	0.26	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				98		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	228912.92	227155.44	227546.26	227871.54	0.40	ppb
Iron	57-2	228444.87	227766.77	229319.56	228510.40	0.34	ppb
Lead	206-1	2093.17	2110.81	2102.22	2102.07	0.42	ppb
Lead	207-1	1976.73	1994.91	2005.52	1992.39	0.73	ppb
Lead	208-1	2029.13	2048.26	2045.55	2040.98	0.51	ppb
Lithium	6-1				74		%
Magnesium	24-2	88389.80	87941.80	87747.19	88026.26	0.37	ppb
Manganese	55-2	6978.86	6949.70	6969.40	6965.99	0.21	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01A	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:49:56	DataFile Name :	074SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1940.72	1946.63	1926.92	1938.09	0.52	ppb
Molybdenum	95-1	1876.73	1898.11	1876.25	1883.70	0.66	ppb
Molybdenum	96-1	1893.77	1898.74	1893.89	1895.47	0.15	ppb
Molybdenum	97-1	1897.21	1892.43	1876.15	1888.59	0.58	ppb
Molybdenum	98-1	1897.98	1902.20	1875.83	1892.00	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	709.44	711.42	705.73	708.86	0.41	ppb
Phosphorus	31-2	12467.87	12353.14	12267.56	12362.86	0.81	ppb
Potassium	39-2	63237.77	63333.01	62935.15	63168.65	0.33	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				86		%
Selenium	77-2	443.73	443.53	424.03	437.09	2.59	ppb
Selenium	78-2	371.21	374.56	377.41	374.40	0.83	ppb
Selenium	82-1	369.38	370.87	368.47	369.57	0.33	ppb
Silicon	28-1	7630.16	7593.67	7506.07	7576.63	0.84	ppb
Silver	109-1	368.57	374.92	369.58	371.02	0.92	ppb
Silver	107-1	370.48	375.37	369.03	371.63	0.89	ppb
Sodium	23-2	50432.97	50466.73	50207.07	50368.92	0.28	ppb
Strontium	86-1	952.14	962.93	951.82	955.63	0.66	ppb
Strontium	88-1	969.08	970.55	963.97	967.87	0.36	ppb
Sulfur	34-1	30.28	8.30	-14.49	8.03	278.93	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	497.27	505.81	498.39	500.49	0.93	ppb
Thallium	205-1	496.74	501.98	497.27	498.66	0.58	ppb
Tin	118-1	472.09	476.17	473.92	474.06	0.43	ppb
Titanium	47-1	9285.10	9430.99	9362.37	9359.49	0.78	ppb
Uranium	238-1	495.06	501.10	502.25	499.47	0.77	ppb
Vanadium	51-2	756.36	754.60	757.89	756.28	0.22	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	1594.61	1601.32	1600.57	1598.84	0.23	ppb
Zirconium	90-1	411.62	414.87	410.90	412.46	0.51	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01A	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:49:56	DataFile Name :	074SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	408.31	412.82	405.00	408.71	0.96	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3864-02 Instrumnet Name : P7
 Client Sample ID : EPE-108-6A(19-21) Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 18:53:33 DataFile Name : 075SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	121098.46	121668.53	119775.10	120847.36	0.80	ppb
Antimony	121-1	0.74	0.71	0.70	0.72	2.96	ppb
Arsenic	75-2	66.62	66.86	66.33	66.61	0.40	ppb
Barium	135-1	365.07	358.48	365.66	363.07	1.10	ppb
Barium	137-1	364.95	360.26	365.49	363.56	0.79	ppb
Beryllium	9-1	7.86	7.78	7.35	7.66	3.62	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	10-1	153.61	150.31	153.33	152.42	1.20	ppb
Boron	11-1	157.92	154.14	157.04	156.36	1.27	ppb
Cadmium	111-1	2.08	2.15	1.95	2.06	5.07	ppb
Cadmium	106-1	21.54	21.00	19.56	20.70	4.95	ppb
Cadmium	108-1	10.08	8.67	8.94	9.23	8.14	ppb
Calcium	43-1	15146.87	14704.95	14997.33	14949.72	1.50	ppb
Calcium	44-1	15270.97	14912.03	15168.73	15117.25	1.22	ppb
Chromium	52-2	310.72	309.06	305.72	308.50	0.83	ppb
Cobalt	59-2	99.91	100.78	99.25	99.98	0.77	ppb
Copper	63-2	134.10	134.76	132.31	133.72	0.95	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				95		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	326353.17	327544.37	322029.80	325309.11	0.89	ppb
Iron	57-2	327808.75	326139.06	322964.79	325637.54	0.76	ppb
Lead	206-1	144.03	141.05	142.49	142.52	1.05	ppb
Lead	207-1	131.11	129.75	130.43	130.43	0.52	ppb
Lead	208-1	136.19	134.66	135.45	135.43	0.56	ppb
Lithium	6-1				82		%
Magnesium	24-2	66990.08	66916.77	65975.83	66627.56	0.85	ppb
Manganese	55-2	3911.19	3903.35	3851.94	3888.82	0.83	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:53:33	DataFile Name :	075SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	127.34	125.13	126.72	126.40	0.90	ppb
Molybdenum	95-1	16.00	15.61	15.85	15.82	1.22	ppb
Molybdenum	96-1	30.70	30.07	30.18	30.32	1.11	ppb
Molybdenum	97-1	16.22	15.56	15.91	15.90	2.09	ppb
Molybdenum	98-1	15.77	15.66	16.01	15.81	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	242.52	243.13	239.45	241.70	0.82	ppb
Phosphorus	31-2	3335.17	3449.23	3325.56	3369.99	2.04	ppb
Potassium	39-2	26336.69	26287.20	26018.03	26213.97	0.65	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	94.91	80.92	87.90	87.91	7.95	ppb
Selenium	78-2	20.10	19.03	19.46	19.53	2.74	ppb
Selenium	82-1	6.06	6.07	7.53	6.55	12.85	ppb
Silicon	28-1	4611.72	4460.58	4559.15	4543.82	1.69	ppb
Silver	109-1	1.24	1.27	1.28	1.26	1.70	ppb
Silver	107-1	1.25	1.30	1.34	1.30	3.33	ppb
Sodium	23-2	17913.89	17765.68	17658.18	17779.25	0.72	ppb
Strontium	86-1	143.33	140.75	143.68	142.59	1.12	ppb
Strontium	88-1	147.09	143.59	145.50	145.39	1.21	ppb
Sulfur	34-1	128644.41	124397.71	127753.17	126931.76	1.76	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	1.61	1.61	1.56	1.59	1.66	ppb
Thallium	205-1	1.70	1.59	1.60	1.63	3.64	ppb
Tin	118-1	1.77	1.68	1.73	1.73	2.62	ppb
Titanium	47-1	1656.30	1631.36	1662.33	1649.99	1.00	ppb
Uranium	238-1	16.90	16.59	16.95	16.81	1.16	ppb
Vanadium	51-2	307.97	308.50	303.84	306.77	0.83	ppb
Yttrium	89-1				126		%
Yttrium	89-2				123		%
Zinc	66-2	667.24	670.64	662.58	666.82	0.61	ppb
Zirconium	90-1	75.99	74.62	75.84	75.48	1.00	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:53:33	DataFile Name :	075SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	75.44	73.76	74.92	74.70	1.15	ppb

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3886-01 Instrumnet Name : P7
 Client Sample ID : EPE-108-6A(55-57) Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 18:57:08 DataFile Name : 076SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93402.64	94425.55	93794.13	93874.10	0.55	ppb
Antimony	121-1	0.20	0.24	0.22	0.22	10.10	ppb
Arsenic	75-2	26.94	26.48	26.40	26.60	1.09	ppb
Barium	135-1	1128.06	1128.16	1113.08	1123.10	0.77	ppb
Barium	137-1	1133.59	1138.63	1125.66	1132.63	0.58	ppb
Beryllium	9-1	6.34	6.25	6.38	6.33	1.11	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Boron	10-1	54.83	58.43	57.53	56.93	3.29	ppb
Boron	11-1	57.19	58.52	58.81	58.17	1.49	ppb
Cadmium	111-1	1.75	1.73	1.91	1.80	5.72	ppb
Cadmium	106-1	16.52	16.61	19.07	17.40	8.30	ppb
Cadmium	108-1	7.11	7.92	7.83	7.62	5.80	ppb
Calcium	43-1	222435.75	223710.24	220634.92	222260.31	0.70	ppb
Calcium	44-1	223191.43	224166.73	221699.77	223019.31	0.56	ppb
Chromium	52-2	163.37	164.80	164.77	164.31	0.50	ppb
Cobalt	59-2	102.14	104.06	103.91	103.37	1.03	ppb
Copper	63-2	205.91	209.36	208.31	207.86	0.85	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				98		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	202788.31	203998.62	204481.91	203756.28	0.43	ppb
Iron	57-2	203721.01	205717.63	204848.11	204762.25	0.49	ppb
Lead	206-1	102.69	103.82	102.23	102.91	0.80	ppb
Lead	207-1	93.96	95.54	94.70	94.73	0.83	ppb
Lead	208-1	97.96	99.30	97.82	98.36	0.83	ppb
Lithium	6-1				81		%
Magnesium	24-2	91286.41	91765.62	92096.69	91716.24	0.44	ppb
Manganese	55-2	5535.38	5569.60	5598.80	5567.93	0.57	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(55-57)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:57:08	DataFile Name :	076SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	97.04	97.82	98.03	97.63	0.54	ppb
Molybdenum	95-1	1.74	1.74	1.80	1.76	2.01	ppb
Molybdenum	96-1	13.81	14.14	14.10	14.02	1.26	ppb
Molybdenum	97-1	1.76	1.84	1.72	1.77	3.31	ppb
Molybdenum	98-1	1.72	1.76	1.72	1.74	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.22	253.65	255.84	253.91	0.72	ppb
Phosphorus	31-2	5551.06	5492.86	5504.10	5516.01	0.56	ppb
Potassium	39-2	21135.93	21240.39	21224.70	21200.34	0.27	ppb
Rhodium	103-1				87		%
Rhodium	103-2				83		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	76.24	80.03	85.38	80.55	5.70	ppb
Selenium	78-2	15.10	13.85	15.36	14.77	5.45	ppb
Selenium	82-1	4.92	5.08	4.49	4.83	6.31	ppb
Silicon	28-1	2620.38	2615.29	2593.19	2609.62	0.55	ppb
Silver	109-1	0.64	0.82	0.99	0.82	21.46	ppb
Silver	107-1	0.70	0.88	1.00	0.86	17.14	ppb
Sodium	23-2	3003.46	3014.28	3039.34	3019.03	0.61	ppb
Strontium	86-1	446.70	449.49	443.64	446.61	0.66	ppb
Strontium	88-1	456.15	460.32	457.90	458.12	0.46	ppb
Sulfur	34-1	8164.15	8129.03	7962.33	8085.17	1.33	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	1.56	1.49	1.53	1.53	2.21	ppb
Thallium	205-1	1.56	1.51	1.56	1.54	1.80	ppb
Tin	118-1	1.56	1.46	1.55	1.52	3.76	ppb
Titanium	47-1	1510.71	1536.32	1507.50	1518.17	1.04	ppb
Uranium	238-1	7.08	7.01	7.01	7.03	0.56	ppb
Vanadium	51-2	198.20	199.95	200.08	199.41	0.53	ppb
Yttrium	89-1				121		%
Yttrium	89-2				115		%
Zinc	66-2	502.32	511.09	506.47	506.63	0.87	ppb
Zirconium	90-1	61.99	62.59	62.54	62.37	0.54	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(55-57)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:57:08	DataFile Name :	076SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	62.21	62.09	62.24	62.18	0.13	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:03:20	DataFile Name :	077CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51176.07	53284.39	50648.40	51702.95	2.70	ppb
Antimony	121-1	507.37	494.86	494.10	498.78	1.49	ppb
Arsenic	75-2	491.63	510.65	489.67	497.31	2.33	ppb
Barium	135-1	2590.90	2541.20	2502.22	2544.77	1.75	ppb
Barium	137-1	2615.93	2552.74	2531.57	2566.75	1.71	ppb
Beryllium	9-1	527.49	515.43	515.28	519.40	1.35	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Boron	10-1	514.21	522.45	516.46	517.71	0.82	ppb
Boron	11-1	513.21	514.99	518.50	515.57	0.52	ppb
Cadmium	111-1	483.48	475.01	469.81	476.10	1.45	ppb
Cadmium	106-1	482.42	484.87	479.32	482.20	0.58	ppb
Cadmium	108-1	493.43	485.45	469.24	482.71	2.55	ppb
Calcium	43-1	250883.60	241142.80	240964.22	244330.21	2.32	ppb
Calcium	44-1	251598.15	242351.28	241509.85	245153.09	2.28	ppb
Chromium	52-2	516.70	531.81	508.01	518.84	2.32	ppb
Cobalt	59-2	511.96	531.21	510.05	517.74	2.26	ppb
Copper	63-2	997.09	1025.82	989.60	1004.17	1.90	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				95		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	131129.06	135148.34	130161.79	132146.40	2.00	ppb
Iron	57-2	131906.29	135841.06	130233.87	132660.40	2.17	ppb
Lead	206-1	525.77	505.73	503.44	511.65	2.40	ppb
Lead	207-1	526.23	512.45	509.53	516.07	1.73	ppb
Lead	208-1	524.32	508.54	507.22	513.36	1.85	ppb
Lithium	6-1				77		%
Magnesium	24-2	256361.38	265167.32	251713.40	257747.37	2.65	ppb
Manganese	55-2	996.35	1033.71	991.62	1007.23	2.29	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:03:20	DataFile Name :	077CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2584.84	2508.32	2510.67	2534.61	1.72	ppb
Molybdenum	95-1	2566.19	2511.60	2485.53	2521.11	1.63	ppb
Molybdenum	96-1	2574.90	2509.74	2500.50	2528.38	1.60	ppb
Molybdenum	97-1	2574.11	2521.34	2503.72	2533.06	1.45	ppb
Molybdenum	98-1	2585.36	2529.34	2520.16	2544.95	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.30	526.34	506.03	513.56	2.17	ppb
Phosphorus	31-2	9961.93	10132.77	9895.91	9996.87	1.22	ppb
Potassium	39-2	124604.47	128397.94	122813.26	125271.89	2.28	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				83		%
Selenium	77-2	479.34	459.86	457.42	465.54	2.58	ppb
Selenium	78-2	473.64	489.18	463.44	475.42	2.73	ppb
Selenium	82-1	494.11	479.35	476.81	483.42	1.93	ppb
Silicon	28-1	635.40	601.18	602.57	613.05	3.16	ppb
Silver	109-1	488.13	474.65	471.63	478.14	1.84	ppb
Silver	107-1	488.30	475.16	472.80	478.75	1.74	ppb
Sodium	23-2	256241.87	263068.30	253513.66	257607.94	1.91	ppb
Strontium	86-1	511.43	495.29	499.38	502.03	1.67	ppb
Strontium	88-1	519.09	504.46	506.49	510.01	1.55	ppb
Sulfur	34-1	10355.12	9548.95	9535.62	9813.23	4.78	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	522.96	503.48	500.62	509.02	2.39	ppb
Thallium	205-1	528.37	507.71	510.10	515.40	2.19	ppb
Tin	118-1	510.31	499.10	494.52	501.31	1.62	ppb
Titanium	47-1	2574.73	2500.96	2494.01	2523.23	1.77	ppb
Uranium	238-1	533.13	514.61	517.56	521.77	1.91	ppb
Vanadium	51-2	514.86	530.43	509.22	518.17	2.12	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	978.21	1008.19	972.12	986.17	1.96	ppb
Zirconium	90-1	516.09	502.26	500.54	506.29	1.68	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:03:20	DataFile Name :	077CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.17	493.43	494.71	497.77	1.29	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:12:23	DataFile Name :	078CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	1.24	1.89	1.46	25.70	ppb
Antimony	121-1	0.18	0.17	0.18	0.18	3.97	ppb
Arsenic	75-2	0.03	0.02	0.04	0.03	34.51	ppb
Barium	135-1	0.07	0.07	0.02	0.05	46.62	ppb
Barium	137-1	0.06	0.06	0.05	0.06	4.14	ppb
Beryllium	9-1	0.07	0.07	0.06	0.07	6.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	7.82	8.28	8.43	8.18	3.87	ppb
Boron	11-1	8.17	8.27	7.63	8.02	4.32	ppb
Cadmium	111-1	-0.18	-0.19	-0.16	-0.18		ppb
Cadmium	106-1	-2.73	-2.69	-2.24	-2.55		ppb
Cadmium	108-1	-0.11	-0.09	0.00	-0.07		ppb
Calcium	43-1	1.11	3.44	3.94	2.83	53.45	ppb
Calcium	44-1	1.08	-0.07	0.22	0.41	145.80	ppb
Chromium	52-2	-0.01	0.01	0.01	0.00	568.97	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.04	-0.05	-0.05	-0.05		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				102		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	4.59	4.44	4.35	4.46	2.66	ppb
Iron	57-2	3.71	3.12	2.23	3.02	24.69	ppb
Lead	206-1	0.34	0.33	0.31	0.33	4.06	ppb
Lead	207-1	0.34	0.33	0.32	0.33	2.38	ppb
Lead	208-1	0.33	0.33	0.31	0.32	3.52	ppb
Lithium	6-1				82		%
Magnesium	24-2	6.03	6.28	5.41	5.91	7.65	ppb
Manganese	55-2	0.04	0.05	0.04	0.04	12.34	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:12:23	DataFile Name :	078CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.05	0.11	0.09	36.98	ppb
Molybdenum	95-1	0.12	0.12	0.12	0.12	1.08	ppb
Molybdenum	96-1	0.14	0.09	0.12	0.12	18.73	ppb
Molybdenum	97-1	0.12	0.12	0.11	0.12	3.82	ppb
Molybdenum	98-1	0.11	0.10	0.11	0.11	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	123.62	ppb
Phosphorus	31-2	-12.79	-16.97	-17.06	-15.61		ppb
Potassium	39-2	11.41	12.93	13.08	12.47	7.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				84		%
Selenium	77-2	0.44	0.03	-0.37	0.04	1107.01	ppb
Selenium	78-2	0.22	-0.55	0.50	0.06	928.36	ppb
Selenium	82-1	6.10	5.19	4.86	5.38	11.96	ppb
Silicon	28-1	-8.71	-8.30	-8.78	-8.60		ppb
Silver	109-1	0.28	0.54	0.71	0.51	42.28	ppb
Silver	107-1	0.30	0.48	0.70	0.49	40.91	ppb
Sodium	23-2	14.14	14.25	14.73	14.37	2.17	ppb
Strontium	86-1	0.01	0.05	0.02	0.03	91.16	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.67	ppb
Sulfur	34-1	-924.77	-939.62	-933.16	-932.52		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.04	0.04	0.04	14.61	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	4.46	ppb
Tin	118-1	0.05	0.06	0.03	0.05	31.10	ppb
Titanium	47-1	0.02	0.07	0.02	0.04	76.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.59	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	24.74	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	0.09	0.17	0.00	0.08	100.37	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	9.13	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:12:23	DataFile Name :	078CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.06	0.03	54.87	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:15:56	DataFile Name :	079SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100614.77	97731.52	97046.95	98464.41	1.92	ppb
Antimony	121-1	0.22	0.21	0.24	0.22	5.39	ppb
Arsenic	75-2	20.86	21.32	20.80	20.99	1.37	ppb
Barium	135-1	1181.86	1167.52	1158.94	1169.44	0.99	ppb
Barium	137-1	1189.71	1166.84	1160.80	1172.45	1.30	ppb
Beryllium	9-1	7.83	7.33	7.20	7.45	4.46	ppb
Bismuth	209-1				88		%
Bismuth	209-2				83		%
Boron	10-1	68.37	71.01	72.94	70.77	3.24	ppb
Boron	11-1	71.10	71.29	70.65	71.01	0.47	ppb
Cadmium	111-1	1.80	1.78	1.67	1.75	4.02	ppb
Cadmium	106-1	15.88	15.54	16.09	15.84	1.76	ppb
Cadmium	108-1	7.26	6.74	7.12	7.04	3.80	ppb
Calcium	43-1	219248.60	217951.76	219769.84	218990.06	0.43	ppb
Calcium	44-1	220052.77	217872.89	219487.05	219137.57	0.52	ppb
Chromium	52-2	184.85	181.04	179.50	181.80	1.51	ppb
Cobalt	59-2	109.46	106.73	106.53	107.57	1.52	ppb
Copper	63-2	211.66	207.19	206.67	208.51	1.32	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				97		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	187834.69	182749.67	182354.69	184313.01	1.66	ppb
Iron	57-2	188965.92	183963.96	182509.96	185146.62	1.83	ppb
Lead	206-1	103.04	102.04	100.87	101.98	1.07	ppb
Lead	207-1	95.16	93.33	92.41	93.64	1.50	ppb
Lead	208-1	98.89	97.25	96.85	97.66	1.11	ppb
Lithium	6-1				77		%
Magnesium	24-2	100060.19	96967.72	97223.69	98083.86	1.75	ppb
Manganese	55-2	5699.58	5568.86	5541.40	5603.28	1.51	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:15:56	DataFile Name :	079SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	88.07	87.67	87.74	87.83	0.24	ppb
Molybdenum	95-1	1.63	1.72	1.76	1.70	4.03	ppb
Molybdenum	96-1	12.79	12.84	12.61	12.75	0.93	ppb
Molybdenum	97-1	1.64	1.71	1.65	1.67	2.19	ppb
Molybdenum	98-1	1.67	1.69	1.66	1.67	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	272.11	265.81	264.25	267.39	1.56	ppb
Phosphorus	31-2	5269.79	5273.84	5050.64	5198.09	2.46	ppb
Potassium	39-2	30428.90	29617.58	29734.95	29927.15	1.47	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	85.94	90.64	90.07	88.88	2.88	ppb
Selenium	78-2	15.85	17.10	17.13	16.69	4.35	ppb
Selenium	82-1	6.04	4.83	4.54	5.14	15.52	ppb
Silicon	28-1	7548.74	7567.12	7622.76	7579.54	0.51	ppb
Silver	109-1	0.40	0.54	0.59	0.51	19.13	ppb
Silver	107-1	0.48	0.59	0.69	0.58	17.79	ppb
Sodium	23-2	2620.06	2559.94	2555.97	2578.66	1.39	ppb
Strontium	86-1	396.78	397.68	394.20	396.22	0.46	ppb
Strontium	88-1	408.43	405.07	403.52	405.67	0.62	ppb
Sulfur	34-1	5132.84	4909.34	4987.41	5009.86	2.26	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	2.00	2.00	1.99	2.00	0.42	ppb
Thallium	205-1	2.03	2.07	1.98	2.03	2.02	ppb
Tin	118-1	1.48	1.42	1.49	1.46	2.81	ppb
Titanium	47-1	3241.61	3207.25	3227.70	3225.52	0.54	ppb
Uranium	238-1	10.55	10.60	10.48	10.55	0.59	ppb
Vanadium	51-2	251.50	246.42	245.18	247.70	1.35	ppb
Yttrium	89-1				119		%
Yttrium	89-2				115		%
Zinc	66-2	557.98	544.78	544.41	549.06	1.41	ppb
Zirconium	90-1	56.18	56.30	55.98	56.15	0.29	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:15:56	DataFile Name :	079SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	56.07	55.73	55.42	55.74	0.58	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02DLX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 19:21:50	DataFile Name :	080SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25986.77	25605.59	25832.20	25808.19	0.74	ppb
Antimony	121-1	0.05	0.07	0.06	0.06	19.63	ppb
Arsenic	75-2	17.19	16.65	17.20	17.01	1.84	ppb
Barium	135-1	72.42	70.59	70.78	71.27	1.41	ppb
Barium	137-1	71.36	71.53	71.14	71.34	0.27	ppb
Beryllium	9-1	1.49	1.52	1.57	1.53	2.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	32.23	34.10	34.62	33.65	3.73	ppb
Boron	11-1	33.03	32.91	33.18	33.04	0.42	ppb
Cadmium	111-1	0.34	0.27	0.27	0.29	13.87	ppb
Cadmium	106-1	2.69	1.90	2.16	2.25	17.88	ppb
Cadmium	108-1	1.50	1.54	1.63	1.55	4.47	ppb
Calcium	43-1	3196.97	3160.58	3266.36	3207.97	1.68	ppb
Calcium	44-1	3223.61	3201.52	3222.31	3215.81	0.39	ppb
Chromium	52-2	65.92	65.30	65.63	65.62	0.47	ppb
Cobalt	59-2	21.77	21.45	21.51	21.58	0.77	ppb
Copper	63-2	29.37	28.84	28.71	28.97	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				102		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	70337.92	69115.51	69412.62	69622.02	0.92	ppb
Iron	57-2	69586.52	69134.53	68875.79	69198.95	0.52	ppb
Lead	206-1	26.97	26.97	26.83	26.92	0.30	ppb
Lead	207-1	24.67	24.58	24.39	24.55	0.59	ppb
Lead	208-1	25.64	25.62	25.37	25.54	0.59	ppb
Lithium	6-1				81		%
Magnesium	24-2	14251.90	14130.62	14136.35	14172.96	0.48	ppb
Manganese	55-2	824.85	817.69	820.54	821.03	0.44	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02DLX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 19:21:50	DataFile Name :	080SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	31.57	31.61	31.32	31.50	0.50	ppb
Molybdenum	95-1	4.12	4.14	4.12	4.13	0.26	ppb
Molybdenum	96-1	7.83	7.57	7.66	7.69	1.72	ppb
Molybdenum	97-1	4.15	4.35	4.16	4.22	2.66	ppb
Molybdenum	98-1	4.27	4.24	4.20	4.24	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.98	52.54	52.34	52.62	0.62	ppb
Phosphorus	31-2	709.75	688.66	734.76	711.06	3.25	ppb
Potassium	39-2	5545.62	5533.43	5589.68	5556.24	0.53	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				85		%
Selenium	77-2	19.36	23.27	21.88	21.50	9.21	ppb
Selenium	78-2	3.75	4.24	4.83	4.28	12.65	ppb
Selenium	82-1	5.70	5.44	6.13	5.76	6.07	ppb
Silicon	28-1	2005.11	2004.73	1991.91	2000.59	0.38	ppb
Silver	109-1	0.20	0.23	0.27	0.23	14.63	ppb
Silver	107-1	0.19	0.23	0.32	0.25	27.27	ppb
Sodium	23-2	3705.34	3692.80	3692.73	3696.95	0.20	ppb
Strontium	86-1	34.97	35.66	35.11	35.24	1.04	ppb
Strontium	88-1	35.70	35.87	35.65	35.74	0.32	ppb
Sulfur	34-1	31789.10	31263.13	31359.05	31470.43	0.89	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.27	0.32	0.27	0.28	9.86	ppb
Thallium	205-1	0.27	0.29	0.29	0.28	3.84	ppb
Tin	118-1	0.29	0.32	0.27	0.30	8.37	ppb
Titanium	47-1	419.40	417.48	415.55	417.48	0.46	ppb
Uranium	238-1	3.12	3.09	3.07	3.09	0.80	ppb
Vanadium	51-2	64.98	65.07	65.26	65.11	0.22	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	150.57	146.81	147.14	148.17	1.41	ppb
Zirconium	90-1	18.52	18.38	18.50	18.46	0.41	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02DLX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 19:21:50	DataFile Name :	080SMPL_P7070818MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	18.21	18.62	18.44	18.42	1.11	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:25:26	DataFile Name :	081CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49898.15	49318.38	50186.65	49801.06	0.89	ppb
Antimony	121-1	502.52	496.77	492.67	497.32	1.00	ppb
Arsenic	75-2	482.16	473.13	484.41	479.90	1.24	ppb
Barium	135-1	2545.18	2518.24	2497.07	2520.16	0.96	ppb
Barium	137-1	2570.29	2511.86	2498.34	2526.83	1.51	ppb
Beryllium	9-1	523.34	521.33	507.91	517.53	1.62	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	494.15	518.82	513.84	508.94	2.56	ppb
Boron	11-1	498.44	515.37	510.42	508.07	1.71	ppb
Cadmium	111-1	480.81	469.90	463.86	471.53	1.82	ppb
Cadmium	106-1	487.73	482.64	474.11	481.49	1.43	ppb
Cadmium	108-1	485.37	484.77	470.75	480.30	1.72	ppb
Calcium	43-1	245855.69	244601.79	238107.09	242854.86	1.71	ppb
Calcium	44-1	246193.30	245263.50	237555.96	243004.25	1.95	ppb
Chromium	52-2	503.92	494.92	504.44	501.09	1.07	ppb
Cobalt	59-2	500.37	494.70	503.31	499.46	0.88	ppb
Copper	63-2	976.39	956.12	973.31	968.61	1.13	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				98		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	127996.39	126807.46	128254.89	127686.25	0.60	ppb
Iron	57-2	128407.62	126404.61	129359.87	128057.37	1.18	ppb
Lead	206-1	516.46	511.45	498.05	508.65	1.87	ppb
Lead	207-1	519.86	514.70	499.79	511.45	2.04	ppb
Lead	208-1	513.85	511.56	495.55	506.99	1.97	ppb
Lithium	6-1				76		%
Magnesium	24-2	248557.37	245351.94	250283.42	248064.24	1.01	ppb
Manganese	55-2	975.62	965.67	979.05	973.45	0.71	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:25:26	DataFile Name :	081CCV_P7070818MS.C

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2521.87	2511.86	2468.27	2500.66	1.14	ppb
Molybdenum	95-1	2523.15	2521.62	2453.13	2499.30	1.60	ppb
Molybdenum	96-1	2537.58	2524.06	2473.72	2511.79	1.34	ppb
Molybdenum	97-1	2545.42	2510.75	2456.65	2504.28	1.79	ppb
Molybdenum	98-1	2544.66	2529.68	2461.25	2511.86	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.27	490.21	497.27	495.92	1.04	ppb
Phosphorus	31-2	9370.87	9559.77	9406.27	9445.64	1.06	ppb
Potassium	39-2	120708.55	119644.74	121746.08	120699.79	0.87	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	77-2	455.47	459.95	486.65	467.35	3.61	ppb
Selenium	78-2	457.23	456.79	465.82	459.95	1.11	ppb
Selenium	82-1	485.31	477.03	472.40	478.25	1.37	ppb
Silicon	28-1	606.69	606.60	586.98	600.09	1.89	ppb
Silver	109-1	480.82	475.77	468.42	475.00	1.31	ppb
Silver	107-1	478.10	478.26	470.65	475.67	0.91	ppb
Sodium	23-2	249608.68	246003.12	250283.29	248631.70	0.93	ppb
Strontium	86-1	498.36	497.81	485.88	494.02	1.43	ppb
Strontium	88-1	508.20	508.61	496.06	504.29	1.41	ppb
Sulfur	34-1	9864.59	9866.46	9261.70	9664.25	3.61	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	518.30	511.99	496.22	508.84	2.24	ppb
Thallium	205-1	516.33	509.94	498.10	508.12	1.82	ppb
Tin	118-1	501.89	501.31	489.64	497.61	1.39	ppb
Titanium	47-1	2539.99	2521.02	2434.30	2498.44	2.26	ppb
Uranium	238-1	525.40	515.66	506.97	516.01	1.79	ppb
Vanadium	51-2	502.81	493.87	505.53	500.74	1.22	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	951.39	943.03	956.14	950.18	0.70	ppb
Zirconium	90-1	509.82	504.60	490.12	501.51	2.04	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:25:26	DataFile Name :	081CCV_P7070818MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.74	501.45	488.00	496.73	1.52	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:32:34	DataFile Name :	082CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.12	2.77	2.80	2.56	15.08	ppb
Antimony	121-1	0.22	0.22	0.21	0.22	1.83	ppb
Arsenic	75-2	0.01	0.04	0.06	0.04	75.38	ppb
Barium	135-1	0.05	0.11	0.07	0.08	38.61	ppb
Barium	137-1	0.05	0.07	0.09	0.07	23.88	ppb
Beryllium	9-1	0.10	0.10	0.07	0.09	17.77	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	9.76	8.53	9.06	9.12	6.78	ppb
Boron	11-1	9.64	9.14	9.26	9.34	2.83	ppb
Cadmium	111-1	-0.05	0.00	-0.06	-0.04		ppb
Cadmium	106-1	-1.03	-0.16	-1.00	-0.73		ppb
Cadmium	108-1	-0.06	0.03	-0.09	-0.04		ppb
Calcium	43-1	6.44	7.06	4.33	5.94	24.11	ppb
Calcium	44-1	2.43	3.63	0.19	2.08	83.92	ppb
Chromium	52-2	0.01	0.01	-0.01	0.00	475.67	ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.04	-0.02	-0.06	-0.04		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				96		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	3.64	3.86	3.60	3.70	3.77	ppb
Iron	57-2	3.51	3.59	4.62	3.91	15.92	ppb
Lead	206-1	0.27	0.25	0.22	0.25	10.10	ppb
Lead	207-1	0.26	0.20	0.25	0.24	14.25	ppb
Lead	208-1	0.25	0.23	0.23	0.24	5.54	ppb
Lithium	6-1				81		%
Magnesium	24-2	6.50	5.61	4.92	5.68	14.01	ppb
Manganese	55-2	0.05	0.04	0.02	0.04	35.25	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:32:34	DataFile Name :	082CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.18	0.13	0.17	26.57	ppb
Molybdenum	95-1	0.21	0.19	0.11	0.17	33.09	ppb
Molybdenum	96-1	0.14	0.14	0.15	0.14	4.38	ppb
Molybdenum	97-1	0.13	0.12	0.15	0.14	11.28	ppb
Molybdenum	98-1	0.18	0.14	0.15	0.16	14.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.02	0.02	83.05	ppb
Phosphorus	31-2	-14.97	-13.81	-15.56	-14.78		ppb
Potassium	39-2	22.94	20.37	15.67	19.66	18.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				82		%
Selenium	77-2	-0.37	0.04	-0.37	-0.23		ppb
Selenium	78-2	-0.13	-0.30	1.11	0.22	344.25	ppb
Selenium	82-1	5.48	5.02	6.55	5.68	13.79	ppb
Silicon	28-1	-7.94	-8.95	-8.32	-8.41		ppb
Silver	109-1	0.07	0.11	0.15	0.11	34.98	ppb
Silver	107-1	0.05	0.10	0.16	0.10	52.89	ppb
Sodium	23-2	16.54	17.32	14.32	16.06	9.71	ppb
Strontium	86-1	-0.01	0.01	0.01	0.00	739.38	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	15.95	ppb
Sulfur	34-1	-925.28	-991.25	-888.49	-935.01		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.05	0.04	0.04	10.13	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	15.65	ppb
Tin	118-1	0.07	0.04	0.07	0.06	27.47	ppb
Titanium	47-1	0.08	0.02	0.04	0.05	64.18	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	54.38	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	106.93	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	-0.03	-0.04	0.02	-0.02		ppb
Zirconium	90-1	0.04	0.05	0.05	0.04	13.88	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:32:34	DataFile Name :	082CCBE_P7070818MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.04	0.04	24.72	ppb

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:40:43	DataFile Name :	003CALB_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	25	42	40.00	cps
Antimony	121-1	192	133	167	164	17.86	cps
Arsenic	75-2	7	4	6	6	33.38	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	33	58	58	50	28.88	cps
Beryllium	9-1	67	11	28	35	81.03	cps
Bismuth	209-1	7023880	7102181	7203024	7109695	1.26	cps
Bismuth	209-2	5696429	5682443	5653857	5677576	0.38	cps
Boron	10-1	158	183	225	189	17.83	cps
Boron	11-1	875	825	725	808	9.45	cps
Cadmium	111-1	2229	2139	2036	2135	4.53	cps
Cadmium	106-1	3176	3075	2900	3050	4.56	cps
Cadmium	108-1	21	25	4	17	66.13	cps
Calcium	43-1	258	267	225	250	8.82	cps
Calcium	44-1	26066	25448	26467	25994	1.97	cps
Chromium	52-2	477	483	490	483	1.38	cps
Cobalt	59-2	160	140	157	152	7.04	cps
Copper	63-2	1177	927	1090	1065	11.93	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	58	125	50	78	52.85	cps
Erbium	164-2	40	20	7	22	75.49	cps
Gadolinium	160-1	83	117	92	97	17.84	cps
Gadolinium	160-2	200	180	240	207	14.78	cps
Holmium	165-1	12227973	12322528	12686767	12412423	1.95	cps
Holmium	165-2	8545720	8572613	8542326	8553553	0.19	cps
Indium	115-1	10326825	10476959	10688946	10497577	1.73	cps
Indium	115-2	2852784	2872967	2873028	2866260	0.41	cps
Iron	56-2	3956	3867	4034	3953	2.11	cps
Iron	57-2	556	589	578	574	2.96	cps
Lead	206-1	100	172	217	163	36.13	cps
Lead	207-1	167	122	161	150	16.14	cps
Lead	208-1	722	806	772	767	5.47	cps
Lithium	6-1	4723884	4786368	4863670	4791307	1.46	cps
Magnesium	24-2	83	167	83	111	43.30	cps
Manganese	55-2	53	73	83	70	21.83	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:40:43	DataFile Name :	003CALB_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	450	333	400	15.02	cps
Molybdenum	95-1	83	50	42	58	37.80	cps
Molybdenum	96-1	158	133	125	139	12.49	cps
Molybdenum	97-1	125	100	100	108	13.32	cps
Molybdenum	98-1	92	133	58	94	39.79	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	47	37	43	13.32	cps
Phosphorus	31-2	242	250	317	269	15.26	cps
Potassium	39-2	40205	41233	39119	40186	2.63	cps
Rhodium	103-1	10226815	10387010	10572238	10395355	1.66	cps
Rhodium	103-2	6143161	6156743	6155860	6151921	0.12	cps
Scandium	45-1	8725036	8957319	9113676	8932010	2.19	cps
Scandium	45-2	497372	495130	497617	496706	0.28	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	117	107	137	120	12.59	cps
Selenium	82-1	1214	1317	1316	1283	4.63	cps
Silicon	28-1	426508	430427	426859	427931	0.51	cps
Silver	109-1	33	67	75	58	37.80	cps
Silver	107-1	50	92	67	69	30.20	cps
Sodium	23-2	16585	16493	16652	16576	0.48	cps
Strontium	86-1	617	592	600	603	2.11	cps
Strontium	88-1	75	67	50	64	19.92	cps
Sulfur	34-1	436817	434549	440217	437194	0.65	cps
Terbium	159-1	12755829	12952154	13185569	12964518	1.66	cps
Terbium	159-2	8614625	8608080	8633071	8618592	0.15	cps
Thallium	203-1	83	100	83	89	10.83	cps
Thallium	205-1	300	183	192	225	28.93	cps
Tin	118-1	700	800	675	725	9.12	cps
Titanium	47-1	200	133	175	169	19.88	cps
Uranium	238-1	75	117	67	86	31.11	cps
Vanadium	51-2	20	13	17	17	20.01	cps
Yttrium	89-1	12207942	12346662	12613226	12389277	1.66	cps
Yttrium	89-2	2393710	2411482	2403908	2403033	0.37	cps
Zinc	66-2	370	387	317	358	10.22	cps
Zirconium	90-1	1033	925	900	953	7.44	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:40:43	DataFile Name :	003CALB_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	192	217	208	6.93	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:49:00	DataFile Name :	005CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2700	2850	2742	2764	2.80	cps
Antimony	121-1	17111	17111	16952	17058	0.54	cps
Arsenic	75-2	504	424	489	472	8.97	cps
Barium	135-1	20766	20524	21042	20777	1.25	cps
Barium	137-1	36875	35747	36115	36245	1.59	cps
Beryllium	9-1	2845	2817	2828	2830	0.49	cps
Bismuth	209-1	7262515	7126114	7109405	7166011	1.17	cps
Bismuth	209-2	5573748	5570062	5592571	5578794	0.22	cps
Boron	10-1	7169	7060	7419	7216	2.55	cps
Boron	11-1	33363	33045	34390	33599	2.09	cps
Cadmium	111-1	4010	4305	4138	4151	3.57	cps
Cadmium	106-1	3226	3592	3309	3376	5.70	cps
Cadmium	108-1	158	163	183	168	7.97	cps
Calcium	43-1	18020	17161	16743	17308	3.76	cps
Calcium	44-1	295656	296695	294102	295484	0.44	cps
Chromium	52-2	8693	9186	8886	8922	2.79	cps
Cobalt	59-2	6031	6145	5971	6049	1.46	cps
Copper	63-2	9410	9623	9453	9495	1.19	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	58	58	75	64	15.05	cps
Erbium	164-2	40	40	60	47	24.74	cps
Gadolinium	160-1	58	92	92	81	23.89	cps
Gadolinium	160-2	263	247	170	227	21.96	cps
Holmium	165-1	12514466	12622793	12506276	12547845	0.52	cps
Holmium	165-2	8508126	8474791	8486078	8489665	0.20	cps
Indium	115-1	10693303	10647534	10621266	10654035	0.34	cps
Indium	115-2	2896628	2884297	2898919	2893281	0.27	cps
Iron	56-2	164860	169325	167336	167174	1.34	cps
Iron	57-2	4623	4845	4662	4710	2.52	cps
Lead	206-1	5701	5757	6057	5838	3.28	cps
Lead	207-1	4895	4968	5096	4986	2.03	cps
Lead	208-1	22964	22781	23503	23083	1.63	cps
Lithium	6-1	4835088	4829352	4823444	4829295	0.12	cps
Magnesium	24-2	152426	152670	152460	152518	0.09	cps
Manganese	55-2	2400	2480	2460	2447	1.70	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:49:00	DataFile Name :	005CALS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19147	20599	19080	19609	4.38	cps
Molybdenum	95-1	23979	23145	23996	23707	2.05	cps
Molybdenum	96-1	25323	25674	25173	25390	1.01	cps
Molybdenum	97-1	13732	14324	14241	14099	2.27	cps
Molybdenum	98-1	36899	37367	38093	37453	1.61	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	1707	1700	1607	1671	3.35	cps
Phosphorus	31-2	333	317	317	322	2.99	cps
Potassium	39-2	202748	202786	202461	202665	0.09	cps
Rhodium	103-1	10630540	10537298	10558937	10575592	0.46	cps
Rhodium	103-2	6082299	6096720	6050364	6076461	0.39	cps
Scandium	45-1	9156556	9115675	9070326	9114186	0.47	cps
Scandium	45-2	495484	499716	500547	498582	0.54	cps
Selenium	77-2	67	60	63	63	5.27	cps
Selenium	78-2	300	300	298	299	0.36	cps
Selenium	82-1	2285	2092	2070	2149	5.52	cps
Silicon	28-1	548260	546738	546164	547054	0.20	cps
Silver	109-1	10971	10454	10471	10632	2.76	cps
Silver	107-1	10504	11113	11488	11035	4.50	cps
Sodium	23-2	312533	314108	314674	313772	0.35	cps
Strontium	86-1	3834	3834	3751	3806	1.26	cps
Strontium	88-1	26959	27243	25974	26726	2.49	cps
Sulfur	34-1	438505	439353	443361	440406	0.59	cps
Terbium	159-1	13159795	13060937	13032469	13084400	0.51	cps
Terbium	159-2	8480146	8499628	8535243	8505006	0.33	cps
Thallium	203-1	7519	7127	6777	7141	5.20	cps
Thallium	205-1	16937	16895	17345	17059	1.46	cps
Tin	118-1	33541	33675	34151	33789	0.95	cps
Titanium	47-1	7994	7819	7919	7911	1.11	cps
Uranium	238-1	22086	22045	21778	21970	0.76	cps
Vanadium	51-2	16066	16032	15915	16004	0.49	cps
Yttrium	89-1	12654562	12566931	12634785	12618760	0.36	cps
Yttrium	89-2	2418668	2425744	2426731	2423714	0.18	cps
Zinc	66-2	1530	1740	1593	1621	6.64	cps
Zirconium	90-1	17228	16502	17269	17000	2.54	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:49:00	DataFile Name :	005CALS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3784	3717	3517	3673	3.78	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 12:52:52 DataFile Name : 006CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136804	134559	135762	135708	0.83	cps
Antimony	121-1	434818	439693	438057	437523	0.57	cps
Arsenic	75-2	21277	21490	21659	21475	0.89	cps
Barium	135-1	532567	531466	531857	531964	0.10	cps
Barium	137-1	929632	926335	925504	927157	0.24	cps
Beryllium	9-1	143191	142406	144037	143211	0.57	cps
Bismuth	209-1	7125544	7248494	7164576	7179538	0.88	cps
Bismuth	209-2	5657570	5652833	5708974	5673126	0.55	cps
Boron	10-1	15033	15325	15467	15275	1.45	cps
Boron	11-1	69812	69485	71846	70381	1.82	cps
Cadmium	111-1	109277	109288	109582	109382	0.16	cps
Cadmium	106-1	14658	14383	15000	14680	2.11	cps
Cadmium	108-1	7694	8057	8098	7950	2.80	cps
Calcium	43-1	176531	174947	174171	175216	0.69	cps
Calcium	44-1	2863805	2848340	2858208	2856784	0.27	cps
Chromium	52-2	200828	201072	200926	200942	0.06	cps
Cobalt	59-2	302056	302303	299760	301373	0.47	cps
Copper	63-2	421850	419203	422096	421050	0.38	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	3	27	11	121.29	cps
Erbium	164-1	83	42	58	61	34.32	cps
Erbium	164-2	23	20	23	22	8.65	cps
Gadolinium	160-1	108	133	58	100	38.19	cps
Gadolinium	160-2	170	250	177	199	22.32	cps
Holmium	165-1	12587232	12736061	12640381	12654558	0.60	cps
Holmium	165-2	8663478	8680206	8685595	8676426	0.13	cps
Indium	115-1	10714936	10797510	10673343	10728596	0.59	cps
Indium	115-2	2935345	2949797	2950039	2945060	0.29	cps
Iron	56-2	8307503	8273768	8259981	8280417	0.30	cps
Iron	57-2	201796	203068	201030	201965	0.51	cps
Lead	206-1	292480	293194	292181	292618	0.18	cps
Lead	207-1	252796	253230	252477	252834	0.15	cps
Lead	208-1	1151952	1158610	1162309	1157624	0.45	cps
Lithium	6-1	4811840	4813983	4804270	4810031	0.11	cps
Magnesium	24-2	1602078	1610425	1592190	1601564	0.57	cps
Manganese	55-2	233517	232034	229312	231621	0.92	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:52:52	DataFile Name :	006CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	978550	982525	981459	980845	0.21	cps
Molybdenum	95-1	1210004	1212282	1218587	1213624	0.37	cps
Molybdenum	96-1	1329529	1331568	1329024	1330040	0.10	cps
Molybdenum	97-1	738495	743911	741410	741272	0.37	cps
Molybdenum	98-1	1910462	1914478	1920918	1915286	0.28	cps
Neodymium	150-1	27	33	53	38	36.74	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	79504	79511	79407	79474	0.07	cps
Phosphorus	31-2	7752	8336	7644	7911	4.71	cps
Potassium	39-2	861494	855457	853569	856840	0.48	cps
Rhodium	103-1	10551282	10598700	10540550	10563511	0.29	cps
Rhodium	103-2	6065229	6094975	6093249	6084484	0.27	cps
Scandium	45-1	9101345	9039932	9113678	9084985	0.43	cps
Scandium	45-2	497064	498403	500072	498513	0.30	cps
Selenium	77-2	520	503	507	510	1.73	cps
Selenium	78-2	1650	1746	1719	1705	2.91	cps
Selenium	82-1	9033	8977	9044	9018	0.40	cps
Silicon	28-1	846526	841602	847028	845052	0.35	cps
Silver	109-1	519426	523331	527848	523535	0.81	cps
Silver	107-1	545608	553236	552090	550311	0.75	cps
Sodium	23-2	3070082	3046257	3047195	3054511	0.44	cps
Strontium	86-1	157345	154802	157758	156635	1.02	cps
Strontium	88-1	1351053	1357856	1356086	1354998	0.26	cps
Sulfur	34-1	500646	495742	501031	499139	0.59	cps
Terbium	159-1	13209127	13344767	13260782	13271559	0.52	cps
Terbium	159-2	8646556	8695706	8666090	8669450	0.29	cps
Thallium	203-1	352009	352448	351411	351956	0.15	cps
Thallium	205-1	855067	863020	860567	859551	0.47	cps
Tin	118-1	345409	345903	346395	345902	0.14	cps
Titanium	47-1	407703	401708	403966	404459	0.75	cps
Uranium	238-1	1117154	1134945	1126274	1126124	0.79	cps
Vanadium	51-2	165291	165436	165432	165386	0.05	cps
Yttrium	89-1	12646977	12695214	12652176	12664789	0.21	cps
Yttrium	89-2	2444649	2445915	2446525	2445696	0.04	cps
Zinc	66-2	59300	59618	58922	59280	0.59	cps
Zirconium	90-1	827330	829635	833199	830055	0.36	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:52:52	DataFile Name :	006CALS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	184516	183293	184633	184147	0.40	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:57:00	DataFile Name :	007CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330597	327231	329843	329224	0.54	cps
Antimony	121-1	1111271	1116090	1127629	1118330	0.75	cps
Arsenic	75-2	52057	52067	52286	52137	0.25	cps
Barium	135-1	1351124	1367351	1352910	1357128	0.66	cps
Barium	137-1	2355498	2394680	2363861	2371346	0.87	cps
Beryllium	9-1	353427	352383	353499	353103	0.18	cps
Bismuth	209-1	6930420	7504510	7454812	7296581	4.36	cps
Bismuth	209-2	5660017	5708054	5672151	5680074	0.44	cps
Boron	10-1	36269	37080	38023	37124	2.36	cps
Boron	11-1	168202	175025	175000	172742	2.28	cps
Cadmium	111-1	273288	272382	271813	272494	0.27	cps
Cadmium	106-1	32029	30642	31344	31338	2.21	cps
Cadmium	108-1	19451	19568	19964	19661	1.37	cps
Calcium	43-1	435655	430928	434054	433546	0.55	cps
Calcium	44-1	7014575	6966874	6921726	6967725	0.67	cps
Chromium	52-2	489494	485197	486232	486974	0.46	cps
Cobalt	59-2	735272	737357	732783	735137	0.31	cps
Copper	63-2	1024783	1022023	1023310	1023372	0.13	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	23	13	17	18	28.64	cps
Erbium	164-1	58	83	33	58	42.86	cps
Erbium	164-2	37	30	23	30	22.23	cps
Gadolinium	160-1	75	117	83	92	24.05	cps
Gadolinium	160-2	223	193	233	217	9.61	cps
Holmium	165-1	12237661	13251445	13062534	12850547	4.20	cps
Holmium	165-2	8672031	8663078	8640607	8658572	0.19	cps
Indium	115-1	10243007	10941995	10839568	10674857	3.54	cps
Indium	115-2	2876004	2875490	2898281	2883258	0.45	cps
Iron	56-2	20164571	19990657	19899032	20018087	0.67	cps
Iron	57-2	494085	488309	489400	490598	0.63	cps
Lead	206-1	747795	752623	764149	754856	1.11	cps
Lead	207-1	650748	656315	663453	656839	0.97	cps
Lead	208-1	2971713	3001567	3039642	3004307	1.13	cps
Lithium	6-1	4527228	4801187	4742399	4690271	3.08	cps
Magnesium	24-2	3894219	3883976	3886937	3888377	0.14	cps
Manganese	55-2	561287	560511	561737	561178	0.11	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:57:00	DataFile Name :	007CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2488576	2486029	2482723	2485776	0.12	cps
Molybdenum	95-1	3061717	3033843	3067076	3054212	0.58	cps
Molybdenum	96-1	3369187	3347349	3359686	3358740	0.33	cps
Molybdenum	97-1	1896664	1880619	1869280	1882188	0.73	cps
Molybdenum	98-1	4888134	4881444	4845299	4871626	0.47	cps
Neodymium	150-1	67	27	47	47	42.85	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	192820	193704	194175	193566	0.36	cps
Phosphorus	31-2	18437	18687	18704	18609	0.80	cps
Potassium	39-2	2012931	2010877	2011209	2011672	0.05	cps
Rhodium	103-1	9968101	10707921	10517441	10397821	3.69	cps
Rhodium	103-2	5996111	5954147	5963094	5971117	0.37	cps
Scandium	45-1	8530589	9159408	8987489	8892495	3.65	cps
Scandium	45-2	480137	476260	476384	477594	0.46	cps
Selenium	77-2	1150	1220	1170	1180	3.06	cps
Selenium	78-2	3947	4069	3839	3952	2.91	cps
Selenium	82-1	20047	20465	20195	20236	1.05	cps
Silicon	28-1	1458408	1456138	1454474	1456340	0.14	cps
Silver	109-1	1309395	1320354	1317014	1315588	0.43	cps
Silver	107-1	1387570	1383636	1372701	1381302	0.56	cps
Sodium	23-2	7373928	7330320	7310505	7338251	0.44	cps
Strontium	86-1	391706	389981	386258	389315	0.72	cps
Strontium	88-1	3436838	3450093	3429238	3438723	0.31	cps
Sulfur	34-1	554710	548107	546007	549608	0.83	cps
Terbium	159-1	12764555	13732134	13606953	13367880	3.94	cps
Terbium	159-2	8686278	8658661	8639482	8661474	0.27	cps
Thallium	203-1	907194	907789	915204	910062	0.49	cps
Thallium	205-1	2215510	2210948	2244638	2223699	0.82	cps
Tin	118-1	873079	873020	874696	873598	0.11	cps
Titanium	47-1	1003065	999171	997460	999899	0.29	cps
Uranium	238-1	2924906	2938486	2951424	2938272	0.45	cps
Vanadium	51-2	396307	399972	397409	397896	0.47	cps
Yttrium	89-1	12023786	12954868	12745401	12574685	3.88	cps
Yttrium	89-2	2405839	2401031	2390256	2399042	0.33	cps
Zinc	66-2	144143	144412	144472	144342	0.12	cps
Zirconium	90-1	2088578	2090636	2097947	2092387	0.24	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 12:57:00	DataFile Name :	007CALS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	464529	463008	468728	465422	0.64	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:00:48	DataFile Name :	008CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	652827	648016	653617	651487	0.47	cps
Antimony	121-1	2268087	2272904	2287053	2276014	0.43	cps
Arsenic	75-2	103748	103485	103176	103469	0.28	cps
Barium	135-1	2769396	2771688	2807554	2782879	0.77	cps
Barium	137-1	4818982	4843452	4912065	4858167	0.99	cps
Beryllium	9-1	696639	700818	698190	698549	0.30	cps
Bismuth	209-1	7444216	7509151	7529956	7494441	0.60	cps
Bismuth	209-2	5699054	5886261	5727359	5770892	1.75	cps
Boron	10-1	72223	74910	74752	73962	2.04	cps
Boron	11-1	338726	342815	345833	342458	1.04	cps
Cadmium	111-1	544364	543159	546712	544745	0.33	cps
Cadmium	106-1	60355	60932	59885	60391	0.87	cps
Cadmium	108-1	40182	40337	39514	40011	1.09	cps
Calcium	43-1	853506	852126	856455	854029	0.26	cps
Calcium	44-1	13662116	13585728	13674089	13640644	0.35	cps
Chromium	52-2	965051	971645	970258	968985	0.36	cps
Cobalt	59-2	1463216	1459042	1461698	1461319	0.14	cps
Copper	63-2	2040172	2042223	2041999	2041465	0.06	cps
Dysprosium	156-1	17	83	42	47	71.32	cps
Dysprosium	156-2	60	30	40	43	35.25	cps
Erbium	164-1	100	50	42	64	49.38	cps
Erbium	164-2	23	30	37	30	22.23	cps
Gadolinium	160-1	92	92	100	94	5.09	cps
Gadolinium	160-2	197	220	190	202	7.79	cps
Holmium	165-1	13204928	13264442	13305145	13258172	0.38	cps
Holmium	165-2	8741928	8927709	8762884	8810840	1.15	cps
Indium	115-1	10639896	10704004	10808060	10717320	0.79	cps
Indium	115-2	2845743	2926627	2868248	2880206	1.45	cps
Iron	56-2	39749938	39799372	39819063	39789458	0.09	cps
Iron	57-2	976420	975368	979414	977067	0.21	cps
Lead	206-1	1550355	1563202	1571015	1561524	0.67	cps
Lead	207-1	1348754	1359052	1364818	1357541	0.60	cps
Lead	208-1	6157266	6218009	6271067	6215447	0.92	cps
Lithium	6-1	4635175	4625952	4629198	4630108	0.10	cps
Magnesium	24-2	7644667	7649459	7643838	7645988	0.04	cps
Manganese	55-2	1111336	1120664	1126976	1119659	0.70	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:00:48	DataFile Name :	008CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4928997	5023978	4871828	4941601	1.56	cps
Molybdenum	95-1	6072627	6044341	6011293	6042754	0.51	cps
Molybdenum	96-1	6670592	6640106	6645187	6651961	0.25	cps
Molybdenum	97-1	3757243	3778420	3776859	3770840	0.31	cps
Molybdenum	98-1	9574018	9536346	9578753	9563039	0.24	cps
Neodymium	150-1	120	160	73	118	36.83	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	382351	384305	384563	383740	0.32	cps
Phosphorus	31-2	37289	36763	36312	36788	1.33	cps
Potassium	39-2	3957466	3953010	3975310	3961929	0.30	cps
Rhodium	103-1	10382565	10386799	10386367	10385244	0.02	cps
Rhodium	103-2	5888098	5999753	5909842	5932564	1.00	cps
Scandium	45-1	8805741	8758053	8814709	8792834	0.35	cps
Scandium	45-2	473843	480490	476058	476797	0.71	cps
Selenium	77-2	2294	2264	2250	2269	0.98	cps
Selenium	78-2	7748	7665	7860	7758	1.26	cps
Selenium	82-1	38443	38895	38736	38692	0.59	cps
Silicon	28-1	2452568	2472334	2461151	2462018	0.40	cps
Silver	109-1	2642134	2626159	2641809	2636701	0.35	cps
Silver	107-1	2762018	2797141	2775602	2778254	0.64	cps
Sodium	23-2	14448918	14501244	14511040	14487067	0.23	cps
Strontium	86-1	784551	783619	785064	784411	0.09	cps
Strontium	88-1	6777844	6728740	6760942	6755842	0.37	cps
Sulfur	34-1	651307	644538	636505	644117	1.15	cps
Terbium	159-1	13649936	13710045	13753515	13704499	0.38	cps
Terbium	159-2	8690293	8907839	8752570	8783567	1.28	cps
Thallium	203-1	1868453	1883374	1904379	1885402	0.96	cps
Thallium	205-1	4616841	4638867	4652430	4636046	0.39	cps
Tin	118-1	1769567	1782629	1796287	1782828	0.75	cps
Titanium	47-1	1987496	1979149	1978129	1981591	0.26	cps
Uranium	238-1	5980456	6077569	6065653	6041226	0.88	cps
Vanadium	51-2	799705	798790	795924	798140	0.25	cps
Yttrium	89-1	12560016	12583921	12618991	12587643	0.24	cps
Yttrium	89-2	2354427	2414995	2384702	2384708	1.27	cps
Zinc	66-2	284083	285576	284174	284611	0.29	cps
Zirconium	90-1	4226971	4237300	4238637	4234303	0.15	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:00:48	DataFile Name :	008CALS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	941159	935847	930469	935825	0.57	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:04:33	DataFile Name :	009CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1320841	1330196	1298088	1316375	1.25	cps
Antimony	121-1	4617372	4638022	4680837	4645410	0.70	cps
Arsenic	75-2	213207	214324	211210	212914	0.74	cps
Barium	135-1	5559863	5548481	5567420	5558588	0.17	cps
Barium	137-1	9620110	9629301	9638921	9629444	0.10	cps
Beryllium	9-1	1386862	1389693	1388303	1388286	0.10	cps
Bismuth	209-1	7467856	7515836	7512994	7498896	0.36	cps
Bismuth	209-2	5798936	5861982	5368895	5676605	4.73	cps
Boron	10-1	147009	149246	152662	149639	1.90	cps
Boron	11-1	678932	693394	712275	694867	2.41	cps
Cadmium	111-1	1086919	1091243	1097511	1091891	0.49	cps
Cadmium	106-1	116341	114946	118038	116442	1.33	cps
Cadmium	108-1	79228	78403	80288	79306	1.19	cps
Calcium	43-1	1714194	1726647	1732872	1724571	0.55	cps
Calcium	44-1	27531318	27549166	27733924	27604803	0.41	cps
Chromium	52-2	1975381	1994508	1964311	1978066	0.77	cps
Cobalt	59-2	2974190	2982621	2963797	2973536	0.32	cps
Copper	63-2	4110836	4131668	4084755	4109086	0.57	cps
Dysprosium	156-1	58	67	50	58	14.29	cps
Dysprosium	156-2	70	73	93	79	16.00	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	23	20	30	24	20.83	cps
Gadolinium	160-1	125	100	83	103	20.40	cps
Gadolinium	160-2	190	213	183	196	8.06	cps
Holmium	165-1	13338577	13368605	13564876	13424019	0.92	cps
Holmium	165-2	8993762	9112015	8346990	8817589	4.67	cps
Indium	115-1	10721095	10772782	10916514	10803464	0.94	cps
Indium	115-2	2919343	2981434	2731810	2877529	4.52	cps
Iron	56-2	81118407	80829191	80218493	80722031	0.57	cps
Iron	57-2	1991789	1992912	1982101	1988934	0.30	cps
Lead	206-1	3113295	3175866	3133225	3140796	1.02	cps
Lead	207-1	2735680	2759083	2747492	2747418	0.43	cps
Lead	208-1	12403674	12553767	12425045	12460829	0.65	cps
Lithium	6-1	4567432	4598872	4628321	4598208	0.66	cps
Magnesium	24-2	15434436	15456678	15189758	15360290	0.96	cps
Manganese	55-2	2291722	2299247	2259044	2283338	0.94	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:04:33	DataFile Name :	009CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9927825	9996525	9959724	9961358	0.35	cps
Molybdenum	95-1	12334115	12340917	12305290	12326774	0.15	cps
Molybdenum	96-1	13567790	13563575	13578466	13569944	0.06	cps
Molybdenum	97-1	7566377	7665944	7610829	7614383	0.66	cps
Molybdenum	98-1	19514953	19565570	19488322	19522948	0.20	cps
Neodymium	150-1	260	267	193	240	16.90	cps
Neodymium	150-2	37	53	53	48	20.13	cps
Nickel	60-2	780038	773072	766517	773209	0.87	cps
Phosphorus	31-2	74000	75743	73481	74408	1.59	cps
Potassium	39-2	7997182	8017862	7823742	7946262	1.34	cps
Rhodium	103-1	10302360	10405230	10435637	10381076	0.67	cps
Rhodium	103-2	6021278	6102252	5555383	5892971	5.01	cps
Scandium	45-1	8790172	8851955	8921780	8854636	0.74	cps
Scandium	45-2	488974	496061	458989	481341	4.09	cps
Selenium	77-2	4718	4831	4514	4688	3.42	cps
Selenium	78-2	15510	15937	15881	15776	1.47	cps
Selenium	82-1	75103	76782	76915	76266	1.32	cps
Silicon	28-1	3879392	3915726	3923084	3906067	0.60	cps
Silver	109-1	5261131	5272504	5312757	5282131	0.51	cps
Silver	107-1	5515534	5487193	5521987	5508238	0.34	cps
Sodium	23-2	29340215	29321237	28988745	29216733	0.68	cps
Strontium	86-1	1588815	1602139	1582591	1591181	0.63	cps
Strontium	88-1	13723758	13881257	13699193	13768069	0.72	cps
Sulfur	34-1	877647	873580	865951	872393	0.68	cps
Terbium	159-1	13843763	13967264	14000172	13937066	0.59	cps
Terbium	159-2	8955582	9054387	8362129	8790700	4.26	cps
Thallium	203-1	3793995	3809699	3827224	3810306	0.44	cps
Thallium	205-1	9092947	9142171	9077221	9104113	0.37	cps
Tin	118-1	3611663	3641229	3648071	3633654	0.53	cps
Titanium	47-1	4030128	4071751	4094093	4065324	0.80	cps
Uranium	238-1	12499500	12404964	12279082	12394515	0.89	cps
Vanadium	51-2	1641502	1645810	1629256	1638856	0.52	cps
Yttrium	89-1	12643673	12843319	12769393	12752128	0.79	cps
Yttrium	89-2	2447536	2492989	2284111	2408212	4.56	cps
Zinc	66-2	575543	577065	570817	574475	0.57	cps
Zirconium	90-1	8436012	8492266	8490116	8472798	0.38	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:04:33	DataFile Name :	009CALS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1888985	1908533	1916590	1904703	0.75	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:08:17	DataFile Name :	010CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2612310	2644292	2633927	2630176	0.62	cps
Antimony	121-1	8948930	8950372	8973747	8957683	0.16	cps
Arsenic	75-2	423277	423629	426989	424632	0.48	cps
Barium	135-1	10890526	10949768	10907659	10915984	0.28	cps
Barium	137-1	18929216	18999836	18919461	18949504	0.23	cps
Beryllium	9-1	2649450	2645309	2633894	2642884	0.30	cps
Bismuth	209-1	7136813	7191094	7217038	7181648	0.57	cps
Bismuth	209-2	5486008	5531048	5549356	5522137	0.59	cps
Boron	10-1	288874	293051	295802	292576	1.19	cps
Boron	11-1	1349872	1372001	1385319	1369064	1.31	cps
Cadmium	111-1	2083965	2123329	2114733	2107342	0.98	cps
Cadmium	106-1	219556	222120	226075	222584	1.48	cps
Cadmium	108-1	153537	154013	153663	153738	0.16	cps
Calcium	43-1	3466985	3442670	3483807	3464487	0.60	cps
Calcium	44-1	55251547	54952416	54922362	55042108	0.33	cps
Chromium	52-2	3954508	3934668	3960675	3949950	0.34	cps
Cobalt	59-2	5779406	5796073	5773055	5782845	0.21	cps
Copper	63-2	7912966	7891099	7946249	7916771	0.35	cps
Dysprosium	156-1	108	58	100	89	30.13	cps
Dysprosium	156-2	127	160	210	166	25.34	cps
Erbium	164-1	75	83	75	78	6.19	cps
Erbium	164-2	33	43	33	37	15.75	cps
Gadolinium	160-1	133	125	158	139	12.49	cps
Gadolinium	160-2	220	237	200	219	8.39	cps
Holmium	165-1	13146667	13210308	13297325	13218100	0.57	cps
Holmium	165-2	8812135	8951115	8925578	8896276	0.83	cps
Indium	115-1	10650688	10582848	10596072	10609869	0.34	cps
Indium	115-2	2858845	2874931	2895714	2876497	0.64	cps
Iron	56-2	159817409	161085765	161560837	160821337	0.56	cps
Iron	57-2	3969981	4011852	4001573	3994469	0.55	cps
Lead	206-1	5941681	5899199	5960075	5933652	0.53	cps
Lead	207-1	5233694	5169984	5238442	5214040	0.73	cps
Lead	208-1	23733475	23621791	23730247	23695171	0.27	cps
Lithium	6-1	4449241	4464912	4429534	4447896	0.40	cps
Magnesium	24-2	30092558	30235722	30205760	30178013	0.25	cps
Manganese	55-2	4576480	4587610	4637535	4600542	0.71	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:08:17	DataFile Name :	010CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19794133	19844307	19869992	19836144	0.19	cps
Molybdenum	95-1	24358670	24524695	24534155	24472507	0.40	cps
Molybdenum	96-1	26958122	26972053	27022129	26984101	0.12	cps
Molybdenum	97-1	15071651	15121183	15240637	15144490	0.57	cps
Molybdenum	98-1	38641693	38768824	38819760	38743426	0.24	cps
Neodymium	150-1	340	513	427	427	20.31	cps
Neodymium	150-2	77	40	60	59	31.18	cps
Nickel	60-2	1503651	1505830	1520654	1510045	0.61	cps
Phosphorus	31-2	147741	146950	144452	146381	1.17	cps
Potassium	39-2	15812799	15905225	16023967	15913997	0.67	cps
Rhodium	103-1	10207540	10152985	10178149	10179558	0.27	cps
Rhodium	103-2	5843316	5896368	5866314	5868666	0.45	cps
Scandium	45-1	8925285	8889243	8894434	8902987	0.22	cps
Scandium	45-2	488210	493411	496200	492607	0.82	cps
Selenium	77-2	9306	8973	9723	9334	4.03	cps
Selenium	78-2	31111	31139	31356	31202	0.43	cps
Selenium	82-1	146837	147894	147001	147244	0.39	cps
Silicon	28-1	6866220	6871630	6864356	6867402	0.06	cps
Silver	109-1	10198162	10267743	10190225	10218710	0.42	cps
Silver	107-1	10726386	10685686	10760868	10724313	0.35	cps
Sodium	23-2	57468072	57610505	57726166	57601581	0.22	cps
Strontium	86-1	3157301	3187627	3183694	3176207	0.52	cps
Strontium	88-1	27405895	27422341	27277709	27368649	0.29	cps
Sulfur	34-1	1352109	1347921	1351081	1350370	0.16	cps
Terbium	159-1	13794172	13677951	13713375	13728500	0.43	cps
Terbium	159-2	8771079	8849242	8833251	8817857	0.47	cps
Thallium	203-1	7284021	7316883	7358442	7319782	0.51	cps
Thallium	205-1	17575368	17592179	17784794	17650780	0.66	cps
Tin	118-1	7063135	7040997	7081263	7061798	0.29	cps
Titanium	47-1	7978430	7939556	7989063	7969017	0.33	cps
Uranium	238-1	23719340	23772584	23849710	23780545	0.28	cps
Vanadium	51-2	3295017	3296684	3309764	3300488	0.24	cps
Yttrium	89-1	12790426	12795584	12763249	12783086	0.14	cps
Yttrium	89-2	2446906	2470451	2462610	2459989	0.49	cps
Zinc	66-2	1120532	1128530	1125491	1124851	0.36	cps
Zirconium	90-1	16809413	16821669	16935683	16855588	0.41	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:08:17	DataFile Name :	010CALS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3785181	3787475	3806050	3792902	0.30	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:19:26	DataFile Name :	012CAL5_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14272721	14290658	14391468	14318282	0.45	cps
Antimony	121-1	12047	11563	11680	11764	2.15	cps
Arsenic	75-2	711	698	685	698	1.86	cps
Barium	135-1	1292	1450	1217	1320	9.03	cps
Barium	137-1	2484	2317	2367	2389	3.58	cps
Beryllium	9-1	306	233	267	269	13.46	cps
Bismuth	209-1	6462868	6466618	6614839	6514775	1.33	cps
Bismuth	209-2	5198155	5237449	5272295	5235966	0.71	cps
Boron	10-1	7677	7594	7594	7622	0.63	cps
Boron	11-1	36787	35100	33012	34966	5.41	cps
Cadmium	111-1	2434	2660	2511	2535	4.52	cps
Cadmium	106-1	3017	3284	2934	3078	5.94	cps
Cadmium	108-1	33	38	25	32	19.92	cps
Calcium	43-1	18388547	18316083	18197656	18300762	0.53	cps
Calcium	44-1	294348048	293167257	293238890	293584732	0.23	cps
Chromium	52-2	152859	153007	154759	153542	0.69	cps
Cobalt	59-2	73171	73821	74294	73762	0.76	cps
Copper	63-2	13767	14030	14351	14049	2.08	cps
Dysprosium	156-1	92	75	75	81	11.95	cps
Dysprosium	156-2	73	53	70	66	16.35	cps
Erbium	164-1	67	100	50	72	35.26	cps
Erbium	164-2	37	27	20	28	30.20	cps
Gadolinium	160-1	108	142	217	156	35.67	cps
Gadolinium	160-2	247	313	253	271	13.54	cps
Holmium	165-1	12835290	12646805	13194895	12892330	2.16	cps
Holmium	165-2	8987983	9020967	9120569	9043173	0.76	cps
Indium	115-1	10245131	10204977	10596220	10348776	2.08	cps
Indium	115-2	2919974	2951141	3014052	2961722	1.62	cps
Iron	56-2	831790996	832938619	839734774	834821463	0.51	cps
Iron	57-2	20242737	20473528	20556866	20424377	0.80	cps
Lead	206-1	30658	30642	31800	31033	2.14	cps
Lead	207-1	25147	25431	25253	25277	0.57	cps
Lead	208-1	119510	118314	119479	119101	0.57	cps
Lithium	6-1	4259143	4228412	4289566	4259040	0.72	cps
Magnesium	24-2	158458262	160836470	160673183	159989305	0.83	cps
Manganese	55-2	23005	23042	23469	23172	1.11	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:19:26	DataFile Name :	012CALS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22268	21392	21208	21623	2.62	cps
Molybdenum	95-1	36673	36781	36155	36537	0.92	cps
Molybdenum	96-1	42890	44002	43107	43333	1.36	cps
Molybdenum	97-1	22084	22811	22510	22468	1.62	cps
Molybdenum	98-1	56605	54179	55560	55448	2.19	cps
Neodymium	150-1	167	73	87	109	46.36	cps
Neodymium	150-2	73	80	87	80	8.33	cps
Nickel	60-2	47898	48754	49309	48654	1.46	cps
Phosphorus	31-2	400	500	400	433	13.32	cps
Potassium	39-2	86913089	87101889	87652014	87222331	0.44	cps
Rhodium	103-1	9639939	9636222	9928892	9735018	1.72	cps
Rhodium	103-2	5712809	5775696	5842589	5777031	1.12	cps
Scandium	45-1	9080781	9118133	9372689	9190534	1.73	cps
Scandium	45-2	521641	525299	534014	526985	1.21	cps
Selenium	77-2	13	10	3	9	57.30	cps
Selenium	78-2	143	163	131	146	10.96	cps
Selenium	82-1	1616	1579	1721	1639	4.49	cps
Silicon	28-1	547446	562549	569331	559775	2.00	cps
Silver	109-1	883	758	917	853	9.79	cps
Silver	107-1	775	917	792	828	9.35	cps
Sodium	23-2	303530415	303816490	303846290	303731065	0.06	cps
Strontium	86-1	14032	13857	14408	14099	2.00	cps
Strontium	88-1	121427	122268	120982	121559	0.54	cps
Sulfur	34-1	323178	326616	332663	327485	1.47	cps
Terbium	159-1	13300383	13392376	13677727	13456829	1.46	cps
Terbium	159-2	8914143	9031966	9119317	9021809	1.14	cps
Thallium	203-1	2892	3209	2884	2995	6.19	cps
Thallium	205-1	6744	6935	7269	6983	3.81	cps
Tin	118-1	15526	14725	15276	15175	2.70	cps
Titanium	47-1	3876	3592	3859	3776	4.21	cps
Uranium	238-1	1325	1050	1208	1195	11.56	cps
Vanadium	51-2	973	1047	1120	1047	7.01	cps
Yttrium	89-1	12663335	12748063	13073505	12828301	1.69	cps
Yttrium	89-2	2551150	2594737	2635431	2593773	1.63	cps
Zinc	66-2	8029	8062	8236	8109	1.37	cps
Zirconium	90-1	3667	3567	3584	3606	1.49	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:19:26	DataFile Name :	012CALS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	833	750	817	800	5.51	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:25:38	DataFile Name :	013ICV01_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68591	69118	69143	68951	0.45	cps
Antimony	121-1	1781297	1756447	1760193	1765979	0.76	cps
Arsenic	75-2	89905	90227	89791	89975	0.25	cps
Barium	135-1	220530	218874	218490	219298	0.49	cps
Barium	137-1	382505	382352	380662	381840	0.27	cps
Beryllium	9-1	261933	260848	263879	262220	0.59	cps
Bismuth	209-1	7406014	7358279	7294467	7352920	0.76	cps
Bismuth	209-2	5843351	5775025	5838401	5818926	0.65	cps
Boron	10-1	137931	145082	145637	142883	3.01	cps
Boron	11-1	637959	665423	683708	662364	3.48	cps
Cadmium	111-1	224577	224433	222904	223971	0.41	cps
Cadmium	106-1	38537	38829	38127	38498	0.92	cps
Cadmium	108-1	20135	20511	20786	20478	1.60	cps
Calcium	43-1	82455	83033	83502	82996	0.63	cps
Calcium	44-1	1282707	1272145	1276498	1277117	0.42	cps
Chromium	52-2	409594	409245	409014	409284	0.07	cps
Cobalt	59-2	627074	630260	626334	627889	0.33	cps
Copper	63-2	444537	440800	443086	442808	0.43	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	83	83	108	92	15.74	cps
Erbium	164-2	40	50	80	57	36.74	cps
Gadolinium	160-1	83	117	142	114	25.69	cps
Gadolinium	160-2	213	253	217	228	9.74	cps
Holmium	165-1	13314932	13120056	13044044	13159677	1.06	cps
Holmium	165-2	9042572	8954433	9140704	9045903	1.03	cps
Indium	115-1	11367980	11204666	11138446	11237031	1.05	cps
Indium	115-2	3138997	3122133	3148904	3136678	0.43	cps
Iron	56-2	3499815	3489794	3479525	3489711	0.29	cps
Iron	57-2	87616	86705	85956	86759	0.96	cps
Lead	206-1	1184850	1189027	1189345	1187741	0.21	cps
Lead	207-1	986694	984511	992245	987817	0.40	cps
Lead	208-1	4585100	4596570	4604578	4595416	0.21	cps
Lithium	6-1	4590236	4531500	4530471	4550736	0.75	cps
Magnesium	24-2	381326	382445	383652	382474	0.30	cps
Manganese	55-2	242945	242282	241496	242241	0.30	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:25:38	DataFile Name :	013ICV01_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4645996	4631539	4628189	4635242	0.20	cps
Molybdenum	95-1	2605647	2593218	2598374	2599080	0.24	cps
Molybdenum	96-1	3246718	3252747	3292386	3263951	0.76	cps
Molybdenum	97-1	1583149	1586623	1584649	1584807	0.11	cps
Molybdenum	98-1	4111468	4091192	4094673	4099111	0.26	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	165859	165469	164915	165414	0.29	cps
Phosphorus	31-2	333	208	392	311	30.11	cps
Potassium	39-2	741472	739475	738104	739684	0.23	cps
Rhodium	103-1	11316324	11112299	11033956	11154193	1.31	cps
Rhodium	103-2	6487514	6427262	6522906	6479227	0.75	cps
Scandium	45-1	9711731	9523161	9562947	9599280	1.04	cps
Scandium	45-2	536559	533824	539041	536475	0.49	cps
Selenium	77-2	1947	2110	1987	2015	4.23	cps
Selenium	78-2	7031	6994	7065	7030	0.50	cps
Selenium	82-1	32539	33000	32995	32844	0.81	cps
Silicon	28-1	400162	403937	407051	403717	0.85	cps
Silver	109-1	1058927	1058999	1052887	1056938	0.33	cps
Silver	107-1	1121020	1123430	1118418	1120956	0.22	cps
Sodium	23-2	1253604	1263195	1254753	1257184	0.42	cps
Strontium	86-1	1619007	1605766	1610914	1611896	0.41	cps
Strontium	88-1	14040857	13995235	13933214	13989769	0.39	cps
Sulfur	34-1	353037	358149	354724	355303	0.73	cps
Terbium	159-1	13876524	13639916	13651983	13722808	0.97	cps
Terbium	159-2	9075216	9000053	9148183	9074484	0.82	cps
Thallium	203-1	1432658	1456399	1459493	1449516	1.01	cps
Thallium	205-1	3538229	3544067	3578777	3553691	0.62	cps
Tin	118-1	3625720	3596499	3628556	3616925	0.49	cps
Titanium	47-1	837660	831656	835532	834949	0.36	cps
Uranium	238-1	11085918	11031723	11126403	11081348	0.43	cps
Vanadium	51-2	341500	341209	336878	339862	0.76	cps
Yttrium	89-1	13585111	13320282	13293166	13399520	1.20	cps
Yttrium	89-2	2648694	2641925	2668940	2653187	0.53	cps
Zinc	66-2	126367	125826	125311	125835	0.42	cps
Zirconium	90-1	8653311	8599223	8541753	8598096	0.65	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:25:38	DataFile Name :	013ICV01_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1923995	1925009	1910981	1919995	0.41	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:31:54	DataFile Name :	014CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	75	125	117	32.74	cps
Antimony	121-1	1375	1442	1467	1428	3.32	cps
Arsenic	75-2	11	22	19	17	32.73	cps
Barium	135-1	50	42	58	50	16.67	cps
Barium	137-1	100	83	100	94	10.19	cps
Beryllium	9-1	111	122	83	106	18.98	cps
Bismuth	209-1	7095314	7260208	7346900	7234141	1.77	cps
Bismuth	209-2	5842015	5698543	5795092	5778550	1.27	cps
Boron	10-1	5076	4793	5243	5037	4.52	cps
Boron	11-1	24137	22200	23611	23316	4.29	cps
Cadmium	111-1	2552	2364	2122	2346	9.19	cps
Cadmium	106-1	3659	3376	3000	3345	9.87	cps
Cadmium	108-1	25	4	17	15	68.61	cps
Calcium	43-1	400	342	325	356	11.08	cps
Calcium	44-1	34918	36071	35135	35375	1.73	cps
Chromium	52-2	513	517	553	528	4.21	cps
Cobalt	59-2	167	197	197	187	9.28	cps
Copper	63-2	1327	1420	1323	1357	4.04	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	58	75	42	58	28.57	cps
Erbium	164-2	33	7	20	20	66.65	cps
Gadolinium	160-1	67	92	125	94	30.99	cps
Gadolinium	160-2	233	233	280	249	10.83	cps
Holmium	165-1	12665113	12976281	13173266	12938220	1.98	cps
Holmium	165-2	9127352	9068523	9186739	9127538	0.65	cps
Indium	115-1	11032624	11341010	11493452	11289029	2.08	cps
Indium	115-2	3199740	3171377	3233267	3201462	0.97	cps
Iron	56-2	9142	8608	9075	8942	3.25	cps
Iron	57-2	700	689	700	696	0.92	cps
Lead	206-1	511	422	539	491	12.42	cps
Lead	207-1	417	406	389	404	3.46	cps
Lead	208-1	2089	1928	1983	2000	4.09	cps
Lithium	6-1	4512120	4624151	4669416	4601896	1.76	cps
Magnesium	24-2	900	975	1242	1039	17.29	cps
Manganese	55-2	87	107	103	99	10.84	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:31:54	DataFile Name :	014CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1033	1058	1117	1070	4.00	cps
Molybdenum	95-1	533	450	433	472	11.35	cps
Molybdenum	96-1	667	608	542	606	10.33	cps
Molybdenum	97-1	458	417	358	411	12.22	cps
Molybdenum	98-1	800	708	883	797	10.98	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	23	53	77	51	52.32	cps
Phosphorus	31-2	258	283	325	289	11.66	cps
Potassium	39-2	46449	46850	47268	46856	0.87	cps
Rhodium	103-1	10952103	11225552	11431590	11203081	2.15	cps
Rhodium	103-2	6657114	6597436	6690960	6648503	0.71	cps
Scandium	45-1	9584328	9768113	9916131	9756191	1.70	cps
Scandium	45-2	551271	547567	557602	552147	0.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	128	146	122	132	9.54	cps
Selenium	82-1	1648	1821	1992	1820	9.45	cps
Silicon	28-1	397150	398869	398068	398029	0.22	cps
Silver	109-1	233	150	175	186	22.98	cps
Silver	107-1	325	200	167	231	36.21	cps
Sodium	23-2	33288	35267	34056	34204	2.92	cps
Strontium	86-1	858	825	833	839	2.07	cps
Strontium	88-1	758	700	717	725	4.15	cps
Sulfur	34-1	364538	367801	365160	365833	0.47	cps
Terbium	159-1	13233308	13562747	13769810	13521955	2.00	cps
Terbium	159-2	9144387	9060060	9140515	9114987	0.52	cps
Thallium	203-1	350	292	342	328	9.63	cps
Thallium	205-1	892	908	792	864	7.30	cps
Tin	118-1	1458	1475	1392	1442	3.06	cps
Titanium	47-1	217	242	233	231	5.52	cps
Uranium	238-1	467	408	550	475	14.99	cps
Vanadium	51-2	37	23	23	28	27.73	cps
Yttrium	89-1	13249700	13552263	13748592	13516852	1.86	cps
Yttrium	89-2	2692345	2688037	2719644	2700009	0.63	cps
Zinc	66-2	430	430	390	417	5.54	cps
Zirconium	90-1	2425	2284	2250	2320	4.01	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:31:54	DataFile Name :	014CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	483	508	472	9.06	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 13:35:28 DataFile Name : 015ICSA01_P7070818M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12887584	12865293	12849545	12867474	0.15	cps
Antimony	121-1	11388	10821	12097	11436	5.59	cps
Arsenic	75-2	148	172	154	158	7.97	cps
Barium	135-1	3184	3376	3467	3342	4.33	cps
Barium	137-1	5443	5460	5693	5532	2.53	cps
Beryllium	9-1	861	900	800	854	5.90	cps
Bismuth	209-1	6521094	6939890	6873044	6778009	3.32	cps
Bismuth	209-2	5368655	5391107	5396109	5385290	0.27	cps
Boron	10-1	4559	4267	4301	4376	3.65	cps
Boron	11-1	20164	19797	18887	19616	3.35	cps
Cadmium	111-1	2912	2755	3215	2961	7.89	cps
Cadmium	106-1	3084	3075	3334	3164	4.64	cps
Cadmium	108-1	1513	1550	1479	1514	2.34	cps
Calcium	43-1	3543778	3539829	3537479	3540362	0.09	cps
Calcium	44-1	57055322	57028147	56972891	57018787	0.07	cps
Chromium	52-2	79825	80176	80837	80279	0.64	cps
Cobalt	59-2	7295	7139	7142	7192	1.24	cps
Copper	63-2	33832	33813	34193	33946	0.63	cps
Dysprosium	156-1	50	58	33	47	26.97	cps
Dysprosium	156-2	13	27	17	19	36.75	cps
Erbium	164-1	92	133	50	92	45.46	cps
Erbium	164-2	60	57	40	52	20.52	cps
Gadolinium	160-1	125	108	167	133	22.53	cps
Gadolinium	160-2	213	257	223	231	9.82	cps
Holmium	165-1	12496963	13430606	12938974	12955514	3.60	cps
Holmium	165-2	9007412	9034667	8961169	9001083	0.41	cps
Indium	115-1	10451152	11109947	10903481	10821527	3.11	cps
Indium	115-2	3033546	3019882	3022849	3025426	0.24	cps
Iron	56-2	336798485	336118019	335980630	336299045	0.13	cps
Iron	57-2	8250007	8220240	8187400	8219216	0.38	cps
Lead	206-1	26466	25725	25447	25880	2.03	cps
Lead	207-1	19437	20339	19726	19834	2.32	cps
Lead	208-1	95609	96087	94059	95252	1.11	cps
Lithium	6-1	4351953	4596755	4544648	4497785	2.87	cps
Magnesium	24-2	30842645	30695564	30720998	30753069	0.26	cps
Manganese	55-2	18912	19163	19083	19052	0.67	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:35:28	DataFile Name :	015ICSA01_P7070818M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5506035	5468710	5472240	5482328	0.38	cps
Molybdenum	95-1	9698292	9776677	9772507	9749158	0.45	cps
Molybdenum	96-1	10284451	10282775	10402768	10323332	0.67	cps
Molybdenum	97-1	6030848	5997074	6092861	6040261	0.80	cps
Molybdenum	98-1	15446837	15389519	15403701	15413352	0.19	cps
Neodymium	150-1	40	67	67	58	26.65	cps
Neodymium	150-2	50	27	17	31	54.97	cps
Nickel	60-2	8262	8666	8446	8458	2.39	cps
Phosphorus	31-2	764806	769023	760425	764751	0.56	cps
Potassium	39-2	34292298	34209326	34297354	34266326	0.14	cps
Rhodium	103-1	10082680	10762819	10458136	10434545	3.26	cps
Rhodium	103-2	6182110	6166544	6096734	6148462	0.74	cps
Scandium	45-1	9035444	9652216	9495815	9394492	3.41	cps
Scandium	45-2	532198	529627	529214	530346	0.30	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	131	135	109	125	11.19	cps
Selenium	82-1	1869	1838	1793	1834	2.09	cps
Silicon	28-1	580743	586776	582657	583392	0.53	cps
Silver	109-1	750	917	1050	906	16.60	cps
Silver	107-1	825	1033	1017	958	12.08	cps
Sodium	23-2	60769203	60214718	60580943	60521621	0.47	cps
Strontium	86-1	107433	108155	107264	107618	0.44	cps
Strontium	88-1	942900	948334	941757	944330	0.37	cps
Sulfur	34-1	4590597	4532171	4545655	4556141	0.67	cps
Terbium	159-1	12953611	13735471	13627205	13438762	3.15	cps
Terbium	159-2	9108015	8980287	8934374	9007559	1.00	cps
Thallium	203-1	975	1025	983	995	2.69	cps
Thallium	205-1	2375	2359	2642	2459	6.47	cps
Tin	118-1	2267	2192	2009	2156	6.17	cps
Titanium	47-1	3307784	3329279	3316125	3317729	0.33	cps
Uranium	238-1	600	592	483	558	11.66	cps
Vanadium	51-2	610	557	530	566	7.20	cps
Yttrium	89-1	12727425	13642147	13352994	13240855	3.53	cps
Yttrium	89-2	2625461	2597233	2595687	2606127	0.64	cps
Zinc	66-2	7125	7192	7279	7199	1.07	cps
Zirconium	90-1	2950	2934	2650	2845	5.93	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:35:28	DataFile Name :	015ICSA01_P7070818M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	558	667	631	9.92	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:39:02	DataFile Name :	016ICSB_P7070818MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13047121	13143642	13066779	13085847	0.39	cps
Antimony	121-1	185485	188468	186872	186942	0.80	cps
Arsenic	75-2	8881	8894	9107	8960	1.42	cps
Barium	135-1	47649	46847	46687	47061	1.10	cps
Barium	137-1	81908	81145	80081	81045	1.13	cps
Beryllium	9-1	52892	54286	53595	53591	1.30	cps
Bismuth	209-1	6757826	6723896	6756644	6746122	0.29	cps
Bismuth	209-2	5247679	5246009	5193695	5229127	0.59	cps
Boron	10-1	19021	19897	19855	19591	2.52	cps
Boron	11-1	90495	91342	91954	91264	0.80	cps
Cadmium	111-1	44814	44743	44729	44762	0.10	cps
Cadmium	106-1	8236	8511	8253	8333	1.85	cps
Cadmium	108-1	4730	4801	4897	4809	1.74	cps
Calcium	43-1	3624419	3640084	3650157	3638220	0.36	cps
Calcium	44-1	58350995	58510251	58354493	58405246	0.16	cps
Chromium	52-2	169023	167970	170121	169038	0.64	cps
Cobalt	59-2	129250	129589	130833	129891	0.64	cps
Copper	63-2	119631	120613	121647	120630	0.84	cps
Dysprosium	156-1	58	33	42	44	28.65	cps
Dysprosium	156-2	43	20	17	27	54.47	cps
Erbium	164-1	83	100	75	86	14.78	cps
Erbium	164-2	47	37	37	40	14.43	cps
Gadolinium	160-1	125	100	175	133	28.64	cps
Gadolinium	160-2	237	253	250	247	3.58	cps
Holmium	165-1	12883077	13072971	13072006	13009351	0.84	cps
Holmium	165-2	8845296	8836139	8825690	8835708	0.11	cps
Indium	115-1	11033874	11089302	11117407	11080194	0.38	cps
Indium	115-2	3040892	3035879	3029250	3035340	0.19	cps
Iron	56-2	341770563	343430430	343314474	342838489	0.27	cps
Iron	57-2	8377148	8387971	8398537	8387885	0.13	cps
Lead	206-1	138263	138833	138603	138566	0.21	cps
Lead	207-1	109590	111924	111991	111168	1.23	cps
Lead	208-1	514124	524767	523195	520696	1.10	cps
Lithium	6-1	4595012	4590274	4599674	4594987	0.10	cps
Magnesium	24-2	31455309	31301486	31286981	31347925	0.30	cps
Manganese	55-2	68522	69071	68003	68532	0.78	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:39:02	DataFile Name :	016ICSB_P7070818MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6058973	6030763	6073643	6054460	0.36	cps
Molybdenum	95-1	10119332	10124480	10184908	10142907	0.36	cps
Molybdenum	96-1	10752966	10792187	10824497	10789883	0.33	cps
Molybdenum	97-1	6251027	6259157	6297432	6269205	0.40	cps
Molybdenum	98-1	15935356	16100051	16144907	16060105	0.69	cps
Neodymium	150-1	67	53	67	62	12.37	cps
Neodymium	150-2	17	20	7	14	48.02	cps
Nickel	60-2	41582	41308	41011	41300	0.69	cps
Phosphorus	31-2	777253	778133	778746	778044	0.10	cps
Potassium	39-2	34893297	35124228	35121432	35046319	0.38	cps
Rhodium	103-1	10592732	10664249	10651865	10636282	0.36	cps
Rhodium	103-2	6194089	6158797	6155581	6169489	0.35	cps
Scandium	45-1	9790435	9833660	9710824	9778306	0.64	cps
Scandium	45-2	537204	542241	537417	538954	0.53	cps
Selenium	77-2	190	197	187	191	2.66	cps
Selenium	78-2	735	811	763	770	4.99	cps
Selenium	82-1	4742	4958	4742	4814	2.60	cps
Silicon	28-1	1026757	1030780	1033930	1030489	0.35	cps
Silver	109-1	196462	198904	195920	197095	0.81	cps
Silver	107-1	205529	209621	207633	207595	0.99	cps
Sodium	23-2	61777493	61828916	61589576	61731995	0.20	cps
Strontium	86-1	281611	277322	280106	279680	0.78	cps
Strontium	88-1	2425436	2452294	2434681	2437470	0.56	cps
Sulfur	34-1	4632373	4663236	4662327	4652646	0.38	cps
Terbium	159-1	13527485	13574004	13513665	13538385	0.23	cps
Terbium	159-2	8870699	8937287	8783129	8863705	0.87	cps
Thallium	203-1	136140	135934	141232	137769	2.18	cps
Thallium	205-1	334472	335080	330699	333417	0.71	cps
Tin	118-1	364943	363032	369398	365791	0.89	cps
Titanium	47-1	3465704	3486370	3477553	3476542	0.30	cps
Uranium	238-1	1100800	1093425	1111109	1101778	0.81	cps
Vanadium	51-2	69412	69315	69885	69537	0.44	cps
Yttrium	89-1	13569587	13679682	13558878	13602716	0.49	cps
Yttrium	89-2	2622736	2616217	2620880	2619944	0.13	cps
Zinc	66-2	19033	18846	19597	19158	2.04	cps
Zirconium	90-1	912261	906970	917478	912236	0.58	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:39:02	DataFile Name :	016ICSB_P7070818MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	202927	205081	204263	204091	0.53	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:42:36	DataFile Name :	017CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7422283	7470963	7370128	7421125	0.68	cps
Antimony	121-1	4421940	4482481	4484287	4462903	0.80	cps
Arsenic	75-2	227233	228032	227379	227548	0.19	cps
Barium	135-1	5393811	5438647	5439521	5423993	0.48	cps
Barium	137-1	9425441	9498193	9540569	9488068	0.61	cps
Beryllium	9-1	1312563	1320282	1319334	1317393	0.32	cps
Bismuth	209-1	6393239	6375229	6448731	6405733	0.60	cps
Bismuth	209-2	5145161	5118456	5079330	5114316	0.65	cps
Boron	10-1	140153	146081	149277	145170	3.19	cps
Boron	11-1	667086	688301	700027	685138	2.44	cps
Cadmium	111-1	1028737	1030172	1034817	1031242	0.31	cps
Cadmium	106-1	113435	111804	111486	112242	0.93	cps
Cadmium	108-1	75399	75253	75445	75366	0.13	cps
Calcium	43-1	9331751	9313893	9344186	9329943	0.16	cps
Calcium	44-1	150007399	150639778	149562274	150069817	0.36	cps
Chromium	52-2	2188083	2183894	2189777	2187251	0.14	cps
Cobalt	59-2	3114294	3126329	3115048	3118557	0.22	cps
Copper	63-2	4168209	4153336	4162479	4161341	0.18	cps
Dysprosium	156-1	67	108	58	78	34.44	cps
Dysprosium	156-2	113	103	113	110	5.25	cps
Erbium	164-1	58	83	50	64	27.15	cps
Erbium	164-2	20	37	47	34	39.11	cps
Gadolinium	160-1	125	175	167	156	17.22	cps
Gadolinium	160-2	260	230	247	246	6.12	cps
Holmium	165-1	12685153	12659114	12577968	12640745	0.44	cps
Holmium	165-2	8872383	8830419	8804049	8835617	0.39	cps
Indium	115-1	10610164	10670570	10634955	10638563	0.29	cps
Indium	115-2	2983125	2992836	3010027	2995330	0.45	cps
Iron	56-2	436332521	435981999	433093410	435135976	0.41	cps
Iron	57-2	10697919	10655976	10659658	10671184	0.22	cps
Lead	206-1	2717128	2721301	2727242	2721890	0.19	cps
Lead	207-1	2383013	2364387	2392165	2379855	0.59	cps
Lead	208-1	10827019	10736259	10829426	10797568	0.49	cps
Lithium	6-1	4441019	4400287	4396237	4412514	0.56	cps
Magnesium	24-2	82560704	82929946	81822189	82437613	0.68	cps
Manganese	55-2	2489264	2494063	2489386	2490904	0.11	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:42:36	DataFile Name :	017CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10430104	10384773	10460652	10425177	0.37	cps
Molybdenum	95-1	12821095	12861881	12777662	12820213	0.33	cps
Molybdenum	96-1	14047935	14182864	14135668	14122156	0.48	cps
Molybdenum	97-1	7892113	7885806	7862908	7880276	0.20	cps
Molybdenum	98-1	20120107	20232494	20091290	20147963	0.37	cps
Neodymium	150-1	153	307	213	224	34.43	cps
Neodymium	150-2	43	63	43	50	23.10	cps
Nickel	60-2	811536	812617	807333	810495	0.34	cps
Phosphorus	31-2	81339	82579	80676	81531	1.18	cps
Potassium	39-2	44999526	45107389	44607035	44904650	0.59	cps
Rhodium	103-1	10293210	10177241	10131998	10200816	0.82	cps
Rhodium	103-2	5956571	5932436	5956063	5948357	0.23	cps
Scandium	45-1	9727084	9667439	9585898	9660140	0.73	cps
Scandium	45-2	543981	539821	540248	541350	0.42	cps
Selenium	77-2	4954	4948	5004	4969	0.62	cps
Selenium	78-2	16582	16897	16357	16612	1.63	cps
Selenium	82-1	76734	77260	76468	76821	0.52	cps
Silicon	28-1	4094811	4086517	4132364	4104564	0.60	cps
Silver	109-1	5052279	5095980	5112823	5087027	0.61	cps
Silver	107-1	5278001	5307363	5318209	5301191	0.39	cps
Sodium	23-2	156527645	157187495	156153303	156622815	0.33	cps
Strontium	86-1	1659846	1675624	1696712	1677394	1.10	cps
Strontium	88-1	14468226	14460431	14486892	14471849	0.09	cps
Sulfur	34-1	884384	880490	878193	881022	0.36	cps
Terbium	159-1	13249726	13111819	13111998	13157848	0.60	cps
Terbium	159-2	8808797	8774582	8810646	8798008	0.23	cps
Thallium	203-1	3328854	3330314	3341569	3333579	0.21	cps
Thallium	205-1	8007921	7969203	8056679	8011268	0.55	cps
Tin	118-1	3521350	3536709	3540488	3532849	0.29	cps
Titanium	47-1	4392188	4385368	4353060	4376872	0.48	cps
Uranium	238-1	10428637	10607152	10791494	10609094	1.71	cps
Vanadium	51-2	1801442	1795210	1801069	1799240	0.19	cps
Yttrium	89-1	13408274	13362762	13207728	13326255	0.79	cps
Yttrium	89-2	2631287	2632488	2632070	2631948	0.02	cps
Zinc	66-2	581056	584015	581128	582066	0.29	cps
Zirconium	90-1	8912006	8918152	8894264	8908141	0.14	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:42:36	DataFile Name :	017CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1988016	1990799	1988980	1989265	0.07	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:48:56	DataFile Name :	018CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	267	208	233	12.88	cps
Antimony	121-1	2217	2267	1875	2120	10.06	cps
Arsenic	75-2	13	20	13	15	27.73	cps
Barium	135-1	158	200	175	178	11.80	cps
Barium	137-1	400	342	300	347	14.47	cps
Beryllium	9-1	122	150	156	143	12.52	cps
Bismuth	209-1	7436826	7167750	7250611	7285062	1.89	cps
Bismuth	209-2	5463337	5617075	5601608	5560674	1.52	cps
Boron	10-1	3759	3426	3517	3567	4.83	cps
Boron	11-1	16343	15659	15166	15723	3.76	cps
Cadmium	111-1	2695	2386	2224	2435	9.81	cps
Cadmium	106-1	3809	3334	3067	3403	11.04	cps
Cadmium	108-1	25	8	8	14	69.31	cps
Calcium	43-1	575	500	533	536	7.01	cps
Calcium	44-1	42605	41017	41928	41850	1.90	cps
Chromium	52-2	693	623	550	622	11.52	cps
Cobalt	59-2	170	200	173	181	9.08	cps
Copper	63-2	1747	1660	1760	1722	3.15	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	67	133	50	83	52.92	cps
Erbium	164-2	23	30	10	21	48.24	cps
Gadolinium	160-1	67	75	100	81	21.53	cps
Gadolinium	160-2	273	147	190	203	31.66	cps
Holmium	165-1	13564468	13022954	13082383	13223268	2.25	cps
Holmium	165-2	8759163	8900869	8927043	8862358	1.02	cps
Indium	115-1	11859189	11553456	11462760	11625135	1.79	cps
Indium	115-2	3069729	3133378	3167792	3123633	1.59	cps
Iron	56-2	18134	15903	15903	16647	7.74	cps
Iron	57-2	956	844	789	863	9.83	cps
Lead	206-1	772	845	694	770	9.74	cps
Lead	207-1	722	628	594	648	10.23	cps
Lead	208-1	3145	3117	2834	3032	5.68	cps
Lithium	6-1	4793625	4661112	4686456	4713731	1.49	cps
Magnesium	24-2	2609	2075	1942	2209	15.98	cps
Manganese	55-2	143	63	143	117	39.59	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:48:56	DataFile Name :	018CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1517	1275	1358	1383	8.87	cps
Molybdenum	95-1	1817	1350	1308	1492	18.92	cps
Molybdenum	96-1	1792	1617	1467	1625	10.01	cps
Molybdenum	97-1	1025	983	958	989	3.41	cps
Molybdenum	98-1	2409	2217	2134	2253	6.26	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	107	77	110	98	18.77	cps
Phosphorus	31-2	225	283	375	294	25.68	cps
Potassium	39-2	51022	51825	50503	51117	1.30	cps
Rhodium	103-1	11777214	11356912	11356341	11496822	2.11	cps
Rhodium	103-2	6428425	6592960	6616725	6546037	1.57	cps
Scandium	45-1	10248352	9960755	9954812	10054640	1.67	cps
Scandium	45-2	535729	543517	553234	544160	1.61	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	131	176	115	141	22.45	cps
Selenium	82-1	2092	1803	1790	1895	9.02	cps
Silicon	28-1	404269	406760	403678	404902	0.40	cps
Silver	109-1	508	400	442	450	12.14	cps
Silver	107-1	575	433	558	522	14.83	cps
Sodium	23-2	44267	43138	43882	43762	1.31	cps
Strontium	86-1	742	742	842	775	7.45	cps
Strontium	88-1	642	592	475	569	15.02	cps
Sulfur	34-1	356296	355244	352131	354557	0.61	cps
Terbium	159-1	14071266	13562144	13604685	13746031	2.05	cps
Terbium	159-2	8833493	8983048	8941822	8919454	0.87	cps
Thallium	203-1	642	533	683	619	12.50	cps
Thallium	205-1	1667	1450	1400	1506	9.42	cps
Tin	118-1	1317	1225	1233	1258	4.03	cps
Titanium	47-1	433	358	408	400	9.55	cps
Uranium	238-1	450	475	433	453	4.63	cps
Vanadium	51-2	53	77	27	52	47.91	cps
Yttrium	89-1	14299872	13916499	13911019	14042464	1.59	cps
Yttrium	89-2	2616457	2674195	2689837	2660163	1.45	cps
Zinc	66-2	490	383	470	448	12.66	cps
Zirconium	90-1	1817	1700	1917	1811	5.99	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:48:56	DataFile Name :	018CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	300	333	333	10.00	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BL	Instrumnet Name :	P7
Client Sample ID :	PB110291BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:58:48	DataFile Name :	020CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	158	108	136	18.70	cps
Antimony	121-1	608	583	450	547	15.55	cps
Arsenic	75-2	20	4	15	13	65.49	cps
Barium	135-1	42	0	25	22	94.38	cps
Barium	137-1	42	42	42	42	0.00	cps
Beryllium	9-1	67	56	106	76	34.58	cps
Bismuth	209-1	6871276	6898741	6947153	6905723	0.56	cps
Bismuth	209-2	5445691	5435622	5470035	5450450	0.32	cps
Boron	10-1	1825	1942	1884	1884	3.10	cps
Boron	11-1	8678	8644	8286	8536	2.55	cps
Cadmium	111-1	2093	2115	1951	2053	4.34	cps
Cadmium	106-1	3000	3025	2767	2931	4.86	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	242	208	250	233	9.45	cps
Calcium	44-1	35018	34976	35628	35207	1.04	cps
Chromium	52-2	590	553	603	582	4.45	cps
Cobalt	59-2	200	123	167	163	23.54	cps
Copper	63-2	1360	1573	1597	1510	8.64	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	58	17	117	64	78.62	cps
Erbium	164-2	30	37	37	34	11.18	cps
Gadolinium	160-1	133	83	100	106	24.12	cps
Gadolinium	160-2	193	193	197	194	0.99	cps
Holmium	165-1	12553781	12761272	12563276	12626110	0.93	cps
Holmium	165-2	8754534	8717021	8741692	8737749	0.22	cps
Indium	115-1	11109779	11236616	11236810	11194402	0.65	cps
Indium	115-2	3066066	3107415	3140575	3104685	1.20	cps
Iron	56-2	5690	5590	5751	5677	1.43	cps
Iron	57-2	622	589	633	615	3.76	cps
Lead	206-1	383	489	328	400	20.46	cps
Lead	207-1	400	378	267	348	20.52	cps
Lead	208-1	1611	1745	1395	1583	11.16	cps
Lithium	6-1	4719827	4758247	4746259	4741444	0.41	cps
Magnesium	24-2	300	283	333	306	8.33	cps
Manganese	55-2	80	57	77	71	17.74	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BL	Instrumnet Name :	P7
Client Sample ID :	PB110291BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:58:48	DataFile Name :	020CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	608	650	572	17.62	cps
Molybdenum	95-1	175	258	192	208	21.17	cps
Molybdenum	96-1	333	483	267	361	30.73	cps
Molybdenum	97-1	267	258	258	261	1.84	cps
Molybdenum	98-1	492	475	425	464	7.48	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	73	70	80	74	6.84	cps
Phosphorus	31-2	267	367	267	300	19.25	cps
Potassium	39-2	47711	47259	46875	47282	0.89	cps
Rhodium	103-1	11091548	11249141	11239264	11193318	0.79	cps
Rhodium	103-2	6507156	6557276	6555427	6539953	0.43	cps
Scandium	45-1	9869019	9984209	9850869	9901366	0.73	cps
Scandium	45-2	547869	547847	554209	549975	0.67	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	154	113	137	135	15.22	cps
Selenium	82-1	2038	1832	1829	1900	6.31	cps
Silicon	28-1	417259	418558	418007	417941	0.16	cps
Silver	109-1	133	117	100	117	14.28	cps
Silver	107-1	225	217	233	225	3.70	cps
Sodium	23-2	31467	31977	31425	31623	0.97	cps
Strontium	86-1	700	717	650	689	5.04	cps
Strontium	88-1	125	100	117	114	11.18	cps
Sulfur	34-1	388483	389295	390750	389509	0.29	cps
Terbium	159-1	13239513	13231014	13273247	13247925	0.17	cps
Terbium	159-2	8770223	8849034	8810298	8809852	0.45	cps
Thallium	203-1	300	233	292	275	13.21	cps
Thallium	205-1	708	592	833	711	17.00	cps
Tin	118-1	817	983	892	897	9.30	cps
Titanium	47-1	200	167	92	153	36.32	cps
Uranium	238-1	50	58	8	39	68.89	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	13530299	13701517	13602057	13611291	0.63	cps
Yttrium	89-2	2629925	2656959	2668667	2651851	0.75	cps
Zinc	66-2	327	357	360	348	5.28	cps
Zirconium	90-1	1325	1225	1325	1292	4.47	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BL	Instrumnet Name :	P7
Client Sample ID :	PB110291BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 13:58:48	DataFile Name :	020CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	300	250	289	12.01	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:06:23	DataFile Name :	022SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3200	3009	3209	3139	3.60	cps
Antimony	121-1	18521	17570	17895	17995	2.69	cps
Arsenic	75-2	487	459	502	483	4.48	cps
Barium	135-1	20466	20508	20599	20524	0.33	cps
Barium	137-1	37150	36808	37460	37140	0.88	cps
Beryllium	9-1	2956	2911	2750	2873	3.77	cps
Bismuth	209-1	6752360	6819850	6674383	6748864	1.08	cps
Bismuth	209-2	5290463	5337815	5305802	5311360	0.45	cps
Boron	10-1	8319	8186	8478	8328	1.75	cps
Boron	11-1	38282	38533	40396	39071	2.96	cps
Cadmium	111-1	4527	4339	4200	4355	3.77	cps
Cadmium	106-1	3342	3326	3201	3289	2.35	cps
Cadmium	108-1	167	133	183	161	15.80	cps
Calcium	43-1	18788	18203	18754	18582	1.77	cps
Calcium	44-1	331941	332495	335111	333183	0.51	cps
Chromium	52-2	9723	10614	9973	10104	4.55	cps
Cobalt	59-2	6862	6808	6582	6751	2.20	cps
Copper	63-2	10858	11198	10948	11001	1.60	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	75	67	83	75	11.11	cps
Erbium	164-2	20	37	27	28	30.20	cps
Gadolinium	160-1	100	100	100	100	0.01	cps
Gadolinium	160-2	167	200	217	194	13.09	cps
Holmium	165-1	12565613	12452322	12382664	12466866	0.74	cps
Holmium	165-2	8595307	8631072	8671456	8632612	0.44	cps
Indium	115-1	11185228	11131281	11120474	11145661	0.31	cps
Indium	115-2	3082909	3098397	3102403	3094570	0.33	cps
Iron	56-2	187003	189084	189033	188373	0.63	cps
Iron	57-2	5329	5234	4929	5164	4.05	cps
Lead	206-1	5524	5568	5813	5635	2.76	cps
Lead	207-1	4890	4929	5034	4951	1.51	cps
Lead	208-1	22686	22069	22486	22414	1.40	cps
Lithium	6-1	4864833	4824319	4813816	4834323	0.56	cps
Magnesium	24-2	169303	169201	169273	169259	0.03	cps
Manganese	55-2	2850	2700	2727	2759	2.90	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:06:23	DataFile Name :	022SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21133	21192	20824	21050	0.94	cps
Molybdenum	95-1	25866	25115	25190	25390	1.63	cps
Molybdenum	96-1	27436	27293	27753	27494	0.86	cps
Molybdenum	97-1	15142	16101	15150	15464	3.57	cps
Molybdenum	98-1	38704	38762	38929	38798	0.30	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1847	2044	1974	1955	5.10	cps
Phosphorus	31-2	325	383	350	353	8.29	cps
Potassium	39-2	229311	233026	233738	232025	1.02	cps
Rhodium	103-1	11217784	11090035	11079958	11129259	0.69	cps
Rhodium	103-2	6557868	6531163	6527344	6538792	0.25	cps
Scandium	45-1	10068968	10108023	10022454	10066482	0.43	cps
Scandium	45-2	549577	557995	557017	554863	0.83	cps
Selenium	77-2	60	63	63	62	3.09	cps
Selenium	78-2	274	309	356	313	13.06	cps
Selenium	82-1	2718	2853	2801	2791	2.44	cps
Silicon	28-1	562165	560974	560466	561202	0.16	cps
Silver	109-1	10313	10705	10229	10415	2.44	cps
Silver	107-1	11647	11272	11864	11594	2.58	cps
Sodium	23-2	350293	351850	355982	352708	0.83	cps
Strontium	86-1	4134	4076	4017	4076	1.43	cps
Strontium	88-1	29264	29264	29565	29364	0.59	cps
Sulfur	34-1	420225	418903	423866	420998	0.61	cps
Terbium	159-1	13176426	13012846	12976026	13055099	0.82	cps
Terbium	159-2	8610085	8664695	8700297	8658359	0.52	cps
Thallium	203-1	6752	6202	6819	6591	5.14	cps
Thallium	205-1	16336	16344	16419	16366	0.28	cps
Tin	118-1	36206	35462	36398	36022	1.37	cps
Titanium	47-1	8920	8286	8444	8550	3.86	cps
Uranium	238-1	20358	19607	19858	19941	1.92	cps
Vanadium	51-2	18051	17924	17654	17877	1.13	cps
Yttrium	89-1	13725374	13735640	13555647	13672220	0.74	cps
Yttrium	89-2	2644385	2663351	2652543	2653426	0.36	cps
Zinc	66-2	1863	1957	1863	1895	2.84	cps
Zirconium	90-1	18655	19047	19589	19097	2.46	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:06:23	DataFile Name :	022SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3992	4167	4167	4109	2.46	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BS	Instrumnet Name :	P7
Client Sample ID :	PB110291BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:09:56	DataFile Name :	023LCS6_P7070818MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1413488	1407540	1409508	1410178	0.21	cps
Antimony	121-1	4629647	4675529	4697823	4667666	0.74	cps
Arsenic	75-2	227434	230594	228973	229000	0.69	cps
Barium	135-1	5583633	5617480	5588816	5596643	0.33	cps
Barium	137-1	9654260	9648685	9656793	9653246	0.04	cps
Beryllium	9-1	1394515	1396120	1388132	1392922	0.30	cps
Bismuth	209-1	7040465	7189185	7276642	7168764	1.67	cps
Bismuth	209-2	5502365	5005190	5539102	5348886	5.58	cps
Boron	10-1	143760	147899	153083	148247	3.15	cps
Boron	11-1	669827	698261	700553	689547	2.48	cps
Cadmium	111-1	1087483	1101664	1107220	1098789	0.93	cps
Cadmium	106-1	118668	118559	116662	117963	0.96	cps
Cadmium	108-1	80938	80091	81214	80748	0.72	cps
Calcium	43-1	1876506	1877479	1875647	1876544	0.05	cps
Calcium	44-1	30258882	30163584	30054854	30159107	0.34	cps
Chromium	52-2	2107614	2127284	2119602	2118166	0.47	cps
Cobalt	59-2	3142871	3182040	3155520	3160144	0.63	cps
Copper	63-2	4319662	4354183	4363817	4345887	0.53	cps
Dysprosium	156-1	75	108	83	89	19.52	cps
Dysprosium	156-2	97	103	113	104	8.03	cps
Erbium	164-1	133	117	50	100	44.10	cps
Erbium	164-2	43	13	7	21	92.51	cps
Gadolinium	160-1	75	125	75	92	31.50	cps
Gadolinium	160-2	217	217	207	213	2.71	cps
Holmium	165-1	13246151	13355782	13562146	13388026	1.20	cps
Holmium	165-2	8927343	8189471	9025955	8714256	5.25	cps
Indium	115-1	11287311	11341443	11525281	11384678	1.10	cps
Indium	115-2	3023141	2775675	3058651	2952489	5.22	cps
Iron	56-2	87092421	87075008	86725357	86964262	0.24	cps
Iron	57-2	2124712	2132557	2129643	2128970	0.19	cps
Lead	206-1	2855761	2893985	2924968	2891571	1.20	cps
Lead	207-1	2490332	2526398	2527382	2514704	0.84	cps
Lead	208-1	11376835	11535605	11521804	11478082	0.77	cps
Lithium	6-1	4863437	4876666	4839493	4859865	0.39	cps
Magnesium	24-2	16491489	16446562	16398809	16445620	0.28	cps
Manganese	55-2	2447820	2470227	2464613	2460887	0.47	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BS	Instrumnet Name :	P7
Client Sample ID :	PB110291BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:09:56	DataFile Name :	023LCS6_P7070818MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10425780	10413435	10438083	10425766	0.12	cps
Molybdenum	95-1	12832068	12817147	12896790	12848668	0.33	cps
Molybdenum	96-1	14256813	14217993	14221391	14232065	0.15	cps
Molybdenum	97-1	7985415	7971407	7959673	7972165	0.16	cps
Molybdenum	98-1	20483991	20347280	20354381	20395217	0.38	cps
Neodymium	150-1	267	207	160	211	25.33	cps
Neodymium	150-2	27	30	53	37	39.62	cps
Nickel	60-2	811252	825703	820075	819010	0.89	cps
Phosphorus	31-2	79503	79294	80023	79607	0.47	cps
Potassium	39-2	8755632	8713335	8746813	8738593	0.26	cps
Rhodium	103-1	10932688	11124308	11193349	11083448	1.22	cps
Rhodium	103-2	6241857	5727097	6304050	6091001	5.20	cps
Scandium	45-1	9906964	9937496	9996541	9947000	0.46	cps
Scandium	45-2	530749	476442	534180	513790	6.30	cps
Selenium	77-2	5051	5098	4984	5044	1.13	cps
Selenium	78-2	16415	16956	16817	16729	1.68	cps
Selenium	82-1	80246	80775	80678	80566	0.35	cps
Silicon	28-1	4153284	4154654	4151922	4153287	0.03	cps
Silver	109-1	5365689	5386303	5430076	5394023	0.61	cps
Silver	107-1	5703978	5689329	5704031	5699112	0.15	cps
Sodium	23-2	31337932	31392172	31306033	31345379	0.14	cps
Strontium	86-1	1660639	1675254	1677299	1671064	0.54	cps
Strontium	88-1	14520933	14685033	14568184	14591383	0.58	cps
Sulfur	34-1	938042	919919	910875	922945	1.50	cps
Terbium	159-1	13757566	13885774	14127620	13923653	1.35	cps
Terbium	159-2	8953605	8285915	9001151	8746890	4.57	cps
Thallium	203-1	3441185	3528602	3529624	3499804	1.45	cps
Thallium	205-1	8535007	8520467	8596124	8550533	0.47	cps
Tin	118-1	3636078	3642022	3667311	3648470	0.45	cps
Titanium	47-1	4384475	4366858	4327031	4359455	0.68	cps
Uranium	238-1	10884287	11201147	11181528	11088987	1.60	cps
Vanadium	51-2	1754471	1772945	1773986	1767134	0.62	cps
Yttrium	89-1	13787887	13864124	13983844	13878619	0.71	cps
Yttrium	89-2	2593441	2387657	2614791	2531963	4.95	cps
Zinc	66-2	608172	616024	614095	612764	0.67	cps
Zirconium	90-1	8996977	8905874	8852104	8918319	0.82	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110291BS	Instrumnet Name :	P7
Client Sample ID :	PB110291BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:09:56	DataFile Name :	023LCS6_P7070818MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1988601	1969661	1982534	1980265	0.49	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02	Instrumnet Name :	P7
Client Sample ID :	S36-0138	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:17:02	DataFile Name :	025SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93745	96235	92932	94304	1.82	cps
Antimony	121-1	15584	15651	15451	15562	0.66	cps
Arsenic	75-2	2713	2735	2763	2737	0.92	cps
Barium	135-1	35287	37085	36382	36252	2.50	cps
Barium	137-1	59972	61537	61721	61077	1.57	cps
Beryllium	9-1	172	233	222	209	15.56	cps
Bismuth	209-1	6708289	6818738	6884592	6803873	1.31	cps
Bismuth	209-2	5172494	5179043	5198688	5183408	0.26	cps
Boron	10-1	7719	7627	8136	7827	3.46	cps
Boron	11-1	38015	37381	37255	37550	1.09	cps
Cadmium	111-1	2174	2131	2182	2162	1.28	cps
Cadmium	106-1	2834	2859	2900	2864	1.18	cps
Cadmium	108-1	50	71	63	61	17.16	cps
Calcium	43-1	598880	604341	592278	598500	1.01	cps
Calcium	44-1	9755142	9794203	9716332	9755226	0.40	cps
Chromium	52-2	19800	19783	19827	19803	0.11	cps
Cobalt	59-2	5311	5021	5258	5197	2.97	cps
Copper	63-2	28475	27840	28952	28422	1.96	cps
Dysprosium	156-1	1033	1033	1067	1045	1.84	cps
Dysprosium	156-2	783	713	763	753	4.79	cps
Erbium	164-1	950	1167	925	1014	13.11	cps
Erbium	164-2	580	557	520	552	5.48	cps
Gadolinium	160-1	1150	1092	1108	1117	2.69	cps
Gadolinium	160-2	907	837	793	846	6.76	cps
Holmium	165-1	12124721	12342279	12416688	12294563	1.23	cps
Holmium	165-2	8197207	8093993	8193329	8161510	0.72	cps
Indium	115-1	11303392	11323263	11303229	11309961	0.10	cps
Indium	115-2	2765571	2777106	2767993	2770223	0.22	cps
Iron	56-2	2759552	2760798	2754133	2758161	0.13	cps
Iron	57-2	70793	70536	70781	70703	0.21	cps
Lead	206-1	13885	13986	14670	14180	3.01	cps
Lead	207-1	12178	11845	12078	12034	1.42	cps
Lead	208-1	54751	54401	56187	55113	1.72	cps
Lithium	6-1	5944204	5863031	5846605	5884613	0.89	cps
Magnesium	24-2	158471	160501	158202	159058	0.79	cps
Manganese	55-2	48012	48303	47048	47788	1.37	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02	Instrumnet Name :	P7
Client Sample ID :	S36-0138	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:17:02	DataFile Name :	025SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	62571	66138	63928	64212	2.80	cps
Molybdenum	95-1	107990	109526	107015	108177	1.17	cps
Molybdenum	96-1	113918	114422	114188	114176	0.22	cps
Molybdenum	97-1	65945	66204	67645	66598	1.38	cps
Molybdenum	98-1	167422	172094	171015	170177	1.44	cps
Neodymium	150-1	1727	1680	1834	1747	4.50	cps
Neodymium	150-2	957	933	1013	968	4.25	cps
Nickel	60-2	4614	4624	4761	4666	1.76	cps
Phosphorus	31-2	4934	4943	4534	4804	4.86	cps
Potassium	39-2	9198086	9145317	9016845	9120083	1.02	cps
Rhodium	103-1	10466111	10604941	10593418	10554824	0.73	cps
Rhodium	103-2	5881452	5889158	5862862	5877824	0.23	cps
Scandium	45-1	9191742	9273488	9183991	9216407	0.54	cps
Scandium	45-2	462508	462822	459752	461694	0.37	cps
Selenium	77-2	30	13	30	24	39.37	cps
Selenium	78-2	120	115	96	110	11.41	cps
Selenium	82-1	1638	1736	1601	1658	4.20	cps
Silicon	28-1	24472919	24177665	24118517	24256367	0.78	cps
Silver	109-1	6135	6127	6018	6093	1.07	cps
Silver	107-1	6660	6710	6277	6549	3.62	cps
Sodium	23-2	21531288	21572609	21291414	21465104	0.71	cps
Strontium	86-1	243302	245667	244092	244354	0.49	cps
Strontium	88-1	2103936	2111472	2130149	2115186	0.64	cps
Sulfur	34-1	548152	528851	520927	532643	2.63	cps
Terbium	159-1	12643076	12966660	12963631	12857789	1.45	cps
Terbium	159-2	8136219	8172538	8163587	8157448	0.23	cps
Thallium	203-1	942	583	708	744	24.43	cps
Thallium	205-1	2000	1850	1534	1795	13.28	cps
Tin	118-1	27361	27018	28321	27567	2.45	cps
Titanium	47-1	41100	40398	41192	40897	1.06	cps
Uranium	238-1	13699	13508	13583	13597	0.71	cps
Vanadium	51-2	12189	12329	12469	12329	1.14	cps
Yttrium	89-1	12955229	13066698	13085687	13035871	0.54	cps
Yttrium	89-2	2270508	2282678	2271819	2275002	0.29	cps
Zinc	66-2	321309	323058	319346	321238	0.58	cps
Zirconium	90-1	7683	5793	6135	6537	15.41	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02	Instrumnet Name :	P7
Client Sample ID :	S36-0138	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:17:02	DataFile Name :	025SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1467	1350	1208	1342	9.64	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0138DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:20:36	DataFile Name :	026SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92407	94413	91615	92812	1.55	cps
Antimony	121-1	14116	15217	15100	14811	4.08	cps
Arsenic	75-2	2650	2624	2667	2647	0.81	cps
Barium	135-1	35087	36951	35847	35962	2.61	cps
Barium	137-1	71577	62693	63278	65849	7.55	cps
Beryllium	9-1	200	200	256	219	14.68	cps
Bismuth	209-1	7013770	7015051	7174638	7067820	1.31	cps
Bismuth	209-2	5210657	5205331	5255975	5223988	0.53	cps
Boron	10-1	5751	6235	5935	5974	4.09	cps
Boron	11-1	28636	28628	28912	28725	0.56	cps
Cadmium	111-1	2096	2188	2163	2149	2.22	cps
Cadmium	106-1	2775	2859	2867	2834	1.79	cps
Cadmium	108-1	67	54	63	61	10.41	cps
Calcium	43-1	583813	585126	580931	583290	0.37	cps
Calcium	44-1	9484418	9501176	9466745	9484113	0.18	cps
Chromium	52-2	18819	18899	18796	18838	0.29	cps
Cobalt	59-2	4944	5214	4971	5043	2.95	cps
Copper	63-2	25923	26424	26641	26329	1.40	cps
Dysprosium	156-1	1092	950	1058	1033	7.17	cps
Dysprosium	156-2	763	727	733	741	2.64	cps
Erbium	164-1	1217	950	983	1050	13.84	cps
Erbium	164-2	623	560	557	580	6.48	cps
Gadolinium	160-1	1108	867	1058	1011	12.62	cps
Gadolinium	160-2	793	750	933	826	11.61	cps
Holmium	165-1	12531104	12867216	12863881	12754067	1.51	cps
Holmium	165-2	8146713	8139360	8202739	8162937	0.42	cps
Indium	115-1	11201895	11248816	11264317	11238342	0.29	cps
Indium	115-2	2686475	2709340	2688208	2694674	0.47	cps
Iron	56-2	2672479	2677825	2673476	2674593	0.11	cps
Iron	57-2	68856	68203	68370	68476	0.50	cps
Lead	206-1	14519	14536	15282	14779	2.94	cps
Lead	207-1	11305	12100	11617	11674	3.43	cps
Lead	208-1	54763	55786	56393	55647	1.48	cps
Lithium	6-1	5320982	5322149	5264393	5302508	0.62	cps
Magnesium	24-2	150068	154522	149857	151482	1.74	cps
Manganese	55-2	46209	46092	45537	45946	0.78	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0138DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:20:36	DataFile Name :	026SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	62320	61441	63207	62323	1.42	cps
Molybdenum	95-1	106092	108150	108308	107517	1.15	cps
Molybdenum	96-1	111433	114625	114523	113527	1.60	cps
Molybdenum	97-1	64789	65576	67636	66000	2.23	cps
Molybdenum	98-1	169936	168249	172997	170394	1.41	cps
Neodymium	150-1	1987	1780	2014	1927	6.63	cps
Neodymium	150-2	917	853	960	910	5.90	cps
Nickel	60-2	4601	4551	4661	4604	1.20	cps
Phosphorus	31-2	4401	4568	4493	4487	1.86	cps
Potassium	39-2	8682022	8736072	8639551	8685882	0.56	cps
Rhodium	103-1	10549222	10536041	10697288	10594183	0.85	cps
Rhodium	103-2	5811229	5809687	5809878	5810264	0.01	cps
Scandium	45-1	8967177	8889667	8946338	8934394	0.45	cps
Scandium	45-2	444150	445085	443674	444303	0.16	cps
Selenium	77-2	27	30	33	30	11.10	cps
Selenium	78-2	119	98	94	104	12.50	cps
Selenium	82-1	1501	1704	1574	1593	6.44	cps
Silicon	28-1	23587972	23462324	23499965	23516753	0.27	cps
Silver	109-1	4167	4609	4601	4459	5.67	cps
Silver	107-1	4784	4818	5168	4923	4.31	cps
Sodium	23-2	20598397	20495152	20529634	20541061	0.26	cps
Strontium	86-1	239968	242550	239451	240656	0.69	cps
Strontium	88-1	2100567	2092337	2103994	2098966	0.29	cps
Sulfur	34-1	500454	491215	483244	491638	1.75	cps
Terbium	159-1	13201807	13282316	13365230	13283118	0.62	cps
Terbium	159-2	8187848	8134440	8176381	8166223	0.34	cps
Thallium	203-1	625	533	717	625	14.67	cps
Thallium	205-1	1525	1450	1333	1436	6.73	cps
Tin	118-1	22352	24781	25674	24269	7.08	cps
Titanium	47-1	42243	39529	39278	40350	4.08	cps
Uranium	238-1	14551	13875	14934	14453	3.71	cps
Vanadium	51-2	11862	11895	11558	11772	1.58	cps
Yttrium	89-1	12917140	12906885	12974853	12932959	0.28	cps
Yttrium	89-2	2217263	2220291	2212164	2216573	0.19	cps
Zinc	66-2	311611	313793	310604	312003	0.52	cps
Zirconium	90-1	5793	5660	5701	5718	1.19	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0138DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:20:36	DataFile Name :	026SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1217	1392	1258	1289	7.09	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0138L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 14:24:09	DataFile Name :	027SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19697	19105	19547	19450	1.58	cps
Antimony	121-1	3959	3976	3542	3826	6.42	cps
Arsenic	75-2	567	656	583	602	7.85	cps
Barium	135-1	7594	7394	7302	7430	2.01	cps
Barium	137-1	13574	13007	13724	13435	2.82	cps
Beryllium	9-1	150	144	172	156	9.45	cps
Bismuth	209-1	7476587	7530853	7468323	7491921	0.45	cps
Bismuth	209-2	5565561	5558015	5465439	5529672	1.01	cps
Boron	10-1	2909	2400	2359	2556	11.98	cps
Boron	11-1	12639	12122	12539	12433	2.21	cps
Cadmium	111-1	2228	2297	2151	2225	3.29	cps
Cadmium	106-1	3109	3184	3017	3103	2.69	cps
Cadmium	108-1	33	21	33	29	24.75	cps
Calcium	43-1	120966	122881	122183	122010	0.79	cps
Calcium	44-1	2012762	2022587	2012277	2015875	0.29	cps
Chromium	52-2	4424	4758	4611	4597	3.64	cps
Cobalt	59-2	1180	1283	1227	1230	4.21	cps
Copper	63-2	7705	7655	7665	7675	0.34	cps
Dysprosium	156-1	275	217	158	217	26.92	cps
Dysprosium	156-2	150	193	150	164	15.22	cps
Erbium	164-1	200	250	283	244	17.16	cps
Erbium	164-2	167	143	100	137	24.75	cps
Gadolinium	160-1	308	317	325	317	2.63	cps
Gadolinium	160-2	327	277	333	312	9.92	cps
Holmium	165-1	13594678	13612619	13690423	13632574	0.37	cps
Holmium	165-2	8692777	8713067	8668448	8691431	0.26	cps
Indium	115-1	11970240	12069486	11936279	11992002	0.58	cps
Indium	115-2	2932030	2942165	2905374	2926523	0.65	cps
Iron	56-2	576953	578446	576041	577147	0.21	cps
Iron	57-2	14858	15347	15336	15180	1.84	cps
Lead	206-1	3306	3517	3378	3401	3.16	cps
Lead	207-1	2761	2978	2750	2830	4.54	cps
Lead	208-1	12553	13370	13025	12982	3.16	cps
Lithium	6-1	4918965	4926775	4968027	4937923	0.53	cps
Magnesium	24-2	34457	33096	33889	33814	2.02	cps
Manganese	55-2	10194	10047	10050	10097	0.83	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0138L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 14:24:09	DataFile Name :	027SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13999	13849	13816	13888	0.70	cps
Molybdenum	95-1	22736	22886	23495	23039	1.75	cps
Molybdenum	96-1	25189	24255	24856	24767	1.91	cps
Molybdenum	97-1	14466	14525	14691	14561	0.80	cps
Molybdenum	98-1	35236	35679	36481	35799	1.76	cps
Neodymium	150-1	407	387	447	413	7.39	cps
Neodymium	150-2	203	167	163	178	12.48	cps
Nickel	60-2	1057	1033	1090	1060	2.69	cps
Phosphorus	31-2	1225	1192	1192	1203	1.60	cps
Potassium	39-2	1932215	1930628	1905332	1922725	0.78	cps
Rhodium	103-1	11654746	11747416	11615810	11672657	0.58	cps
Rhodium	103-2	6388527	6403100	6362806	6384811	0.32	cps
Scandium	45-1	9750139	9771681	9694238	9738686	0.41	cps
Scandium	45-2	491949	494346	493106	493134	0.24	cps
Selenium	77-2	7	17	10	11	45.82	cps
Selenium	78-2	133	104	107	115	14.06	cps
Selenium	82-1	1808	1827	1813	1816	0.52	cps
Silicon	28-1	5203541	5198898	5187906	5196781	0.15	cps
Silver	109-1	2225	1884	1784	1964	11.79	cps
Silver	107-1	2034	1825	2117	1992	7.54	cps
Sodium	23-2	4455078	4482171	4438355	4458535	0.50	cps
Strontium	86-1	51661	51150	50741	51184	0.90	cps
Strontium	88-1	438864	435646	439860	438123	0.50	cps
Sulfur	34-1	375971	376084	378569	376875	0.39	cps
Terbium	159-1	14298739	14222067	14258717	14259841	0.27	cps
Terbium	159-2	8783712	8805730	8728815	8772753	0.45	cps
Thallium	203-1	283	517	375	392	30.01	cps
Thallium	205-1	867	783	792	814	5.64	cps
Tin	118-1	3200	4062	3092	3452	15.40	cps
Titanium	47-1	8528	8328	8303	8386	1.47	cps
Uranium	238-1	2975	3784	3534	3431	12.07	cps
Vanadium	51-2	2764	2704	2900	2789	3.61	cps
Yttrium	89-1	14093641	14075521	13981839	14050334	0.43	cps
Yttrium	89-2	2430269	2434841	2430919	2432010	0.10	cps
Zinc	66-2	68664	68620	68962	68749	0.27	cps
Zirconium	90-1	2100	2192	2250	2181	3.47	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0138L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 14:24:09	DataFile Name :	027SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	492	508	531	10.10	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-01	Instrumnet Name :	P7
Client Sample ID :	S36-0136	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:27:42	DataFile Name :	028SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104664	108324	105042	106010	1.90	cps
Antimony	121-1	9870	10238	10780	10296	4.44	cps
Arsenic	75-2	18126	17915	17880	17974	0.74	cps
Barium	135-1	106026	108303	110831	108387	2.22	cps
Barium	137-1	182247	186908	190658	186604	2.26	cps
Beryllium	9-1	339	272	283	298	11.98	cps
Bismuth	209-1	6866523	6988979	7078601	6978034	1.53	cps
Bismuth	209-2	5166265	5185946	5154181	5168798	0.31	cps
Boron	10-1	24596	24612	25247	24818	1.50	cps
Boron	11-1	116420	122720	125200	121447	3.73	cps
Cadmium	111-1	2152	2045	2138	2112	2.76	cps
Cadmium	106-1	2784	2617	2900	2767	5.15	cps
Cadmium	108-1	25	29	67	40	56.97	cps
Calcium	43-1	3447446	3446624	3450223	3448098	0.05	cps
Calcium	44-1	55439366	55202868	55232076	55291437	0.23	cps
Chromium	52-2	18956	19246	19346	19183	1.06	cps
Cobalt	59-2	5384	5438	5698	5507	3.05	cps
Copper	63-2	16486	16893	16666	16682	1.22	cps
Dysprosium	156-1	2850	2575	3034	2820	8.18	cps
Dysprosium	156-2	1927	1783	1860	1857	3.86	cps
Erbium	164-1	2625	2325	2359	2436	6.75	cps
Erbium	164-2	1547	1457	1510	1505	3.01	cps
Gadolinium	160-1	2309	2275	2692	2425	9.55	cps
Gadolinium	160-2	2004	2057	1910	1990	3.73	cps
Holmium	165-1	12719089	12782028	12969998	12823705	1.02	cps
Holmium	165-2	8182495	8246062	8183307	8203955	0.44	cps
Indium	115-1	11059430	10994163	11150718	11068104	0.71	cps
Indium	115-2	2595313	2621573	2632497	2616461	0.73	cps
Iron	56-2	10677262	10754186	10667877	10699775	0.44	cps
Iron	57-2	270080	272924	271709	271571	0.53	cps
Lead	206-1	29266	29801	30753	29940	2.51	cps
Lead	207-1	24028	24384	24863	24425	1.72	cps
Lead	208-1	111837	114267	114984	113696	1.45	cps
Lithium	6-1	5093640	5089440	5133886	5105656	0.48	cps
Magnesium	24-2	11062066	11061406	11006846	11043440	0.29	cps
Manganese	55-2	1289187	1296024	1304063	1296425	0.57	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-01	Instrumnet Name :	P7
Client Sample ID :	S36-0136	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:27:42	DataFile Name :	028SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14449	14942	15601	14997	3.85	cps
Molybdenum	95-1	19205	19397	19556	19386	0.90	cps
Molybdenum	96-1	20916	22101	21517	21511	2.76	cps
Molybdenum	97-1	12097	12256	12389	12247	1.19	cps
Molybdenum	98-1	31135	30066	31519	30906	2.44	cps
Neodymium	150-1	4841	4934	4874	4883	0.97	cps
Neodymium	150-2	2457	2334	2440	2410	2.78	cps
Nickel	60-2	5274	4854	5294	5141	4.83	cps
Phosphorus	31-2	1325	1417	1358	1367	3.40	cps
Potassium	39-2	2025980	2052656	2047201	2041946	0.69	cps
Rhodium	103-1	10266172	10230749	10349704	10282208	0.59	cps
Rhodium	103-2	5624474	5657743	5667958	5650059	0.40	cps
Scandium	45-1	8739993	8658473	8702635	8700367	0.47	cps
Scandium	45-2	427627	430571	430165	429455	0.37	cps
Selenium	77-2	27	43	23	31	34.44	cps
Selenium	78-2	102	74	111	96	20.14	cps
Selenium	82-1	1799	1767	1718	1761	2.33	cps
Silicon	28-1	55561785	55158462	55090332	55270193	0.46	cps
Silver	109-1	3534	3909	3651	3698	5.19	cps
Silver	107-1	4151	3884	3876	3970	3.94	cps
Sodium	23-2	23994890	24007994	23752391	23918425	0.60	cps
Strontium	86-1	2323241	2347243	2362706	2344397	0.85	cps
Strontium	88-1	20525177	20649162	20582602	20585647	0.30	cps
Sulfur	34-1	1309914	1294588	1296615	1300373	0.64	cps
Terbium	159-1	13194774	13365007	13514024	13357935	1.20	cps
Terbium	159-2	8140916	8242836	8196291	8193348	0.62	cps
Thallium	203-1	883	642	708	745	16.77	cps
Thallium	205-1	1625	1700	1659	1661	2.26	cps
Tin	118-1	23821	25582	25691	25031	4.19	cps
Titanium	47-1	88230	85824	87039	87031	1.38	cps
Uranium	238-1	61733	63810	63826	63123	1.91	cps
Vanadium	51-2	10584	10894	10931	10803	1.76	cps
Yttrium	89-1	12610883	12643708	12770113	12674901	0.66	cps
Yttrium	89-2	2143718	2173156	2169547	2162140	0.74	cps
Zinc	66-2	86628	87403	87205	87079	0.46	cps
Zirconium	90-1	10329	11005	10838	10724	3.28	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-01	Instrumnet Name :	P7
Client Sample ID :	S36-0136	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:27:42	DataFile Name :	028SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2409	2359	2217	2328	4.27	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MS	Instrumnet Name :	P7
Client Sample ID :	S36-0138MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:31:16	DataFile Name :	029SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1187545	1172580	1179749	1179958	0.63	cps
Antimony	121-1	4464413	4553253	4589648	4535771	1.42	cps
Arsenic	75-2	191431	191345	190664	191147	0.22	cps
Barium	135-1	5411820	5493935	5514552	5473436	0.99	cps
Barium	137-1	9464450	9530924	9558359	9517911	0.51	cps
Beryllium	9-1	1253092	1255742	1270546	1259793	0.75	cps
Bismuth	209-1	6883303	6955998	6981231	6940177	0.73	cps
Bismuth	209-2	5037277	5013418	5066090	5038928	0.52	cps
Boron	10-1	142785	146560	149018	146121	2.15	cps
Boron	11-1	662759	693391	699462	685204	2.87	cps
Cadmium	111-1	1048401	1055468	1060520	1054796	0.58	cps
Cadmium	106-1	112108	113124	111310	112181	0.81	cps
Cadmium	108-1	76074	76669	76404	76382	0.39	cps
Calcium	43-1	2205149	2208958	2220700	2211603	0.37	cps
Calcium	44-1	35500894	35430848	35583251	35504997	0.21	cps
Chromium	52-2	1828566	1829614	1815394	1824524	0.43	cps
Cobalt	59-2	2752308	2753981	2738323	2748204	0.31	cps
Copper	63-2	3919998	3913884	3889637	3907840	0.41	cps
Dysprosium	156-1	1092	1367	1275	1245	11.25	cps
Dysprosium	156-2	863	897	923	894	3.36	cps
Erbium	164-1	992	1067	1250	1103	12.05	cps
Erbium	164-2	713	683	690	696	2.27	cps
Gadolinium	160-1	1308	1117	1158	1195	8.44	cps
Gadolinium	160-2	887	940	870	899	4.07	cps
Holmium	165-1	12832116	12891960	13041852	12921976	0.84	cps
Holmium	165-2	8190421	8096465	8125373	8137420	0.59	cps
Indium	115-1	10657668	10736856	10721822	10705449	0.39	cps
Indium	115-2	2548293	2550771	2545854	2548306	0.10	cps
Iron	56-2	76421277	76477679	75887474	76262143	0.43	cps
Iron	57-2	1876822	1867959	1867694	1870825	0.28	cps
Lead	206-1	2953963	2957415	3008881	2973420	1.03	cps
Lead	207-1	2490947	2525641	2569824	2528804	1.56	cps
Lead	208-1	11522899	11665989	11820990	11669959	1.28	cps
Lithium	6-1	4804038	4814638	4795048	4804575	0.20	cps
Magnesium	24-2	13759669	13576487	13569947	13635367	0.79	cps
Manganese	55-2	2070648	2063208	2058964	2064273	0.29	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MS	Instrumnet Name :	P7
Client Sample ID :	S36-0138MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:31:16	DataFile Name :	029SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10031087	10000025	10068495	10033203	0.34	cps
Molybdenum	95-1	12474424	12441810	12471533	12462589	0.14	cps
Molybdenum	96-1	13733393	13751878	13780921	13755397	0.17	cps
Molybdenum	97-1	7658372	7694088	7747477	7699979	0.58	cps
Molybdenum	98-1	19653724	19668578	19825521	19715941	0.48	cps
Neodymium	150-1	2120	2427	2087	2211	8.48	cps
Neodymium	150-2	930	977	937	948	2.66	cps
Nickel	60-2	728535	731408	724997	728314	0.44	cps
Phosphorus	31-2	4076	4359	4176	4204	3.42	cps
Potassium	39-2	15211319	15108841	15064805	15128322	0.50	cps
Rhodium	103-1	10113014	10201578	10268122	10194238	0.76	cps
Rhodium	103-2	5486315	5502762	5532922	5507333	0.43	cps
Scandium	45-1	8516517	8411161	8511781	8479820	0.70	cps
Scandium	45-2	422650	419968	420133	420917	0.36	cps
Selenium	77-2	3964	3871	3984	3939	1.54	cps
Selenium	78-2	13365	13264	13199	13276	0.63	cps
Selenium	82-1	74005	73660	75175	74280	1.07	cps
Silicon	28-1	26282219	26254971	26470271	26335821	0.45	cps
Silver	109-1	4285470	4322515	4314962	4307649	0.45	cps
Silver	107-1	4513000	4575631	4574243	4554291	0.79	cps
Sodium	23-2	46095048	45545648	45457897	45699531	0.76	cps
Strontium	86-1	1792356	1810685	1811896	1804979	0.61	cps
Strontium	88-1	15489396	15701491	15710824	15633904	0.80	cps
Sulfur	34-1	504098	502825	500784	502569	0.33	cps
Terbium	159-1	13407486	13312625	13524910	13415007	0.79	cps
Terbium	159-2	8020609	8049101	8059378	8043030	0.25	cps
Thallium	203-1	3551927	3608991	3682376	3614432	1.81	cps
Thallium	205-1	8684231	8700292	8883845	8756123	1.27	cps
Tin	118-1	3408758	3483143	3483636	3458512	1.25	cps
Titanium	47-1	3918715	3906234	3930219	3918390	0.31	cps
Uranium	238-1	11590328	11597039	11717644	11635004	0.62	cps
Vanadium	51-2	1494261	1493503	1491318	1493027	0.10	cps
Yttrium	89-1	12495054	12457391	12593657	12515368	0.56	cps
Yttrium	89-2	2123559	2121884	2119391	2121611	0.10	cps
Zinc	66-2	797943	801945	804950	801613	0.44	cps
Zirconium	90-1	8385601	8465393	8542896	8464630	0.93	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MS	Instrumnet Name :	P7
Client Sample ID :	S36-0138MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:31:16	DataFile Name :	029SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1867027	1878186	1897082	1880765	0.81	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MSD	Instrumnet Name :	P7
Client Sample ID :	S36-0138MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:34:49	DataFile Name :	030SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1158595	1161049	1164374	1161339	0.25	cps
Antimony	121-1	4514029	4569858	4597498	4560462	0.93	cps
Arsenic	75-2	188835	189403	189985	189408	0.30	cps
Barium	135-1	5477363	5486809	5514609	5492927	0.35	cps
Barium	137-1	9544846	9525823	9548047	9539572	0.13	cps
Beryllium	9-1	1236585	1252402	1245790	1244926	0.64	cps
Bismuth	209-1	6922281	7004546	6929490	6952106	0.66	cps
Bismuth	209-2	5020257	5032636	5116879	5056590	1.04	cps
Boron	10-1	145956	151198	153109	150087	2.47	cps
Boron	11-1	684240	709521	723368	705710	2.81	cps
Cadmium	111-1	1051640	1063910	1064888	1060146	0.70	cps
Cadmium	106-1	111032	113964	112427	112474	1.30	cps
Cadmium	108-1	76396	77201	76409	76669	0.60	cps
Calcium	43-1	2197479	2204816	2201089	2201128	0.17	cps
Calcium	44-1	35231530	35229590	35015252	35158791	0.35	cps
Chromium	52-2	1804848	1799134	1821483	1808488	0.64	cps
Cobalt	59-2	2728412	2721396	2740614	2730141	0.36	cps
Copper	63-2	3860073	3882420	3891738	3878077	0.42	cps
Dysprosium	156-1	1075	1192	1067	1111	6.29	cps
Dysprosium	156-2	817	773	817	802	3.12	cps
Erbium	164-1	1075	1150	1000	1075	6.98	cps
Erbium	164-2	657	653	650	653	0.51	cps
Gadolinium	160-1	1200	1242	1275	1239	3.03	cps
Gadolinium	160-2	913	980	980	958	4.02	cps
Holmium	165-1	12798607	12945980	12864995	12869861	0.57	cps
Holmium	165-2	8100374	8047291	8082181	8076615	0.33	cps
Indium	115-1	10661861	10728277	10571708	10653949	0.74	cps
Indium	115-2	2511117	2510826	2540883	2520942	0.69	cps
Iron	56-2	75560002	75237782	75133841	75310542	0.30	cps
Iron	57-2	1844143	1852961	1859833	1852312	0.42	cps
Lead	206-1	2986926	3043921	3040882	3023910	1.06	cps
Lead	207-1	2526390	2579939	2574530	2560286	1.15	cps
Lead	208-1	11667074	11915922	11866375	11816457	1.11	cps
Lithium	6-1	4675457	4659258	4659325	4664680	0.20	cps
Magnesium	24-2	13347547	13225831	13298364	13290581	0.46	cps
Manganese	55-2	2043607	2034083	2048413	2042035	0.36	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MSD	Instrumnet Name :	P7
Client Sample ID :	S36-0138MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:34:49	DataFile Name :	030SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9923662	10030386	10073542	10009197	0.77	cps
Molybdenum	95-1	12330745	12293911	12439277	12354645	0.61	cps
Molybdenum	96-1	13647652	13619435	13761777	13676288	0.55	cps
Molybdenum	97-1	7652047	7687197	7718286	7685843	0.43	cps
Molybdenum	98-1	19650410	19710226	19804085	19721574	0.39	cps
Neodymium	150-1	2127	2240	2040	2136	4.70	cps
Neodymium	150-2	1023	973	1013	1003	2.64	cps
Nickel	60-2	721333	727184	722834	723784	0.42	cps
Phosphorus	31-2	3926	4217	4176	4106	3.84	cps
Potassium	39-2	14803563	14775608	14680452	14753208	0.44	cps
Rhodium	103-1	10167859	10227583	10056941	10150794	0.85	cps
Rhodium	103-2	5453182	5455967	5492534	5467228	0.40	cps
Scandium	45-1	8388669	8383510	8284158	8352112	0.71	cps
Scandium	45-2	412295	411836	415553	413228	0.49	cps
Selenium	77-2	4114	4001	4084	4066	1.44	cps
Selenium	78-2	13036	13251	13308	13198	1.09	cps
Selenium	82-1	74181	73812	74409	74134	0.41	cps
Silicon	28-1	25533748	25668809	25538175	25580244	0.30	cps
Silver	109-1	4315988	4345734	4372279	4344667	0.65	cps
Silver	107-1	4561760	4613136	4601643	4592179	0.59	cps
Sodium	23-2	45002162	44742195	44984141	44909499	0.32	cps
Strontium	86-1	1786097	1798012	1823087	1802398	1.05	cps
Strontium	88-1	15514090	15531216	15732283	15592530	0.78	cps
Sulfur	34-1	486848	486176	481040	484688	0.66	cps
Terbium	159-1	13292699	13509122	13478810	13426877	0.87	cps
Terbium	159-2	8018503	7992567	8016179	8009083	0.18	cps
Thallium	203-1	3608540	3631524	3656509	3632191	0.66	cps
Thallium	205-1	8691022	8825984	8805244	8774083	0.83	cps
Tin	118-1	3448201	3491273	3508738	3482737	0.89	cps
Titanium	47-1	3873694	3902576	3923019	3899763	0.64	cps
Uranium	238-1	11672011	11758283	11812523	11747605	0.60	cps
Vanadium	51-2	1487285	1478273	1479407	1481655	0.33	cps
Yttrium	89-1	12418659	12499629	12415368	12444552	0.38	cps
Yttrium	89-2	2098522	2094735	2106234	2099830	0.28	cps
Zinc	66-2	789636	789299	796910	791948	0.54	cps
Zirconium	90-1	8414317	8450283	8453935	8439512	0.26	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02MSD	Instrumnet Name :	P7
Client Sample ID :	S36-0138MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:34:49	DataFile Name :	030SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1878312	1889068	1903036	1890139	0.66	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02A	Instrumnet Name :	P7
Client Sample ID :	S36-0138A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:38:23	DataFile Name :	031SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1156644	1148617	1162802	1156021	0.62	cps
Antimony	121-1	4548452	4611805	4633660	4597972	0.96	cps
Arsenic	75-2	190707	189589	190506	190267	0.31	cps
Barium	135-1	5507045	5550264	5607954	5555087	0.91	cps
Barium	137-1	9538612	9642571	9714195	9631792	0.92	cps
Beryllium	9-1	1242835	1256954	1251402	1250397	0.57	cps
Bismuth	209-1	6871699	7036326	7084166	6997397	1.59	cps
Bismuth	209-2	5112046	5035405	5167075	5104842	1.30	cps
Boron	10-1	146577	150778	153368	150241	2.28	cps
Boron	11-1	690792	708684	721542	707006	2.18	cps
Cadmium	111-1	1052520	1064323	1062957	1059933	0.61	cps
Cadmium	106-1	109731	112635	113291	111886	1.69	cps
Cadmium	108-1	76974	76442	77565	76994	0.73	cps
Calcium	43-1	2173783	2203037	2204963	2193928	0.80	cps
Calcium	44-1	35005881	35081215	35312879	35133325	0.46	cps
Chromium	52-2	1797527	1794607	1802923	1798352	0.23	cps
Cobalt	59-2	2712499	2733295	2730402	2725399	0.41	cps
Copper	63-2	3851048	3862898	3884075	3866007	0.43	cps
Dysprosium	156-1	1375	1383	1275	1345	4.48	cps
Dysprosium	156-2	860	917	797	858	7.00	cps
Erbium	164-1	1025	1108	1083	1072	3.99	cps
Erbium	164-2	680	603	633	639	6.05	cps
Gadolinium	160-1	1108	1217	1175	1167	4.68	cps
Gadolinium	160-2	897	870	953	907	4.69	cps
Holmium	165-1	12807942	13109378	13171670	13029663	1.49	cps
Holmium	165-2	8147009	8185357	8143533	8158633	0.28	cps
Indium	115-1	10575309	10725626	10734851	10678596	0.84	cps
Indium	115-2	2537185	2543044	2555247	2545159	0.36	cps
Iron	56-2	75560518	75018457	75123963	75234313	0.38	cps
Iron	57-2	1846666	1848491	1847633	1847597	0.05	cps
Lead	206-1	2997146	3064101	3080754	3047334	1.45	cps
Lead	207-1	2558071	2599390	2628233	2595231	1.36	cps
Lead	208-1	11759397	11960717	12023717	11914610	1.16	cps
Lithium	6-1	4543014	4597390	4632810	4591072	0.99	cps
Magnesium	24-2	13377237	13262821	13395189	13345083	0.54	cps
Manganese	55-2	2044402	2030470	2036066	2036979	0.34	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02A	Instrumnet Name :	P7
Client Sample ID :	S36-0138A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:38:23	DataFile Name :	031SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10040680	10047357	10109143	10065727	0.38	cps
Molybdenum	95-1	12370470	12466819	12501872	12446387	0.55	cps
Molybdenum	96-1	13707892	13773263	13792824	13757993	0.32	cps
Molybdenum	97-1	7740137	7722067	7742932	7735045	0.15	cps
Molybdenum	98-1	19689564	19938030	19869121	19832238	0.65	cps
Neodymium	150-1	2167	2167	2180	2171	0.35	cps
Neodymium	150-2	1060	927	947	978	7.35	cps
Nickel	60-2	717794	722784	723601	721393	0.44	cps
Phosphorus	31-2	3817	4292	4451	4187	7.88	cps
Potassium	39-2	14777114	14651623	14738391	14722376	0.44	cps
Rhodium	103-1	10028271	10190416	10235540	10151409	1.07	cps
Rhodium	103-2	5503907	5517905	5500544	5507452	0.17	cps
Scandium	45-1	8281260	8363024	8491951	8378745	1.27	cps
Scandium	45-2	416380	414639	415748	415589	0.21	cps
Selenium	77-2	3977	3921	4091	3996	2.17	cps
Selenium	78-2	13130	13147	13063	13113	0.34	cps
Selenium	82-1	73967	74310	74411	74229	0.31	cps
Silicon	28-1	25965077	26333412	26138950	26145813	0.70	cps
Silver	109-1	4288473	4390422	4370943	4349946	1.24	cps
Silver	107-1	4528924	4601598	4600942	4577155	0.91	cps
Sodium	23-2	44878656	44676598	45087349	44880868	0.46	cps
Strontium	86-1	1802614	1804890	1823127	1810210	0.62	cps
Strontium	88-1	15648394	15651821	15592200	15630805	0.21	cps
Sulfur	34-1	479704	470188	472223	474039	1.06	cps
Terbium	159-1	13221748	13584803	13581747	13462766	1.55	cps
Terbium	159-2	8128938	8130777	8157550	8139088	0.20	cps
Thallium	203-1	3651221	3740683	3753349	3715084	1.50	cps
Thallium	205-1	8757365	8947712	8968770	8891282	1.31	cps
Tin	118-1	3496353	3533182	3528677	3519404	0.57	cps
Titanium	47-1	3905637	3909521	3953408	3922856	0.68	cps
Uranium	238-1	11727236	11873068	11946928	11849077	0.94	cps
Vanadium	51-2	1476306	1472907	1483964	1477726	0.38	cps
Yttrium	89-1	12268249	12536449	12513016	12439238	1.19	cps
Yttrium	89-2	2123844	2107484	2124359	2118562	0.45	cps
Zinc	66-2	790138	789244	792344	790575	0.20	cps
Zirconium	90-1	8416737	8458022	8447442	8440734	0.25	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3510-02A	Instrumnet Name :	P7
Client Sample ID :	S36-0138A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:38:23	DataFile Name :	031SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1886627	1893280	1898965	1892957	0.33	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:41:57	DataFile Name :	032CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6491439	6548625	6560582	6533549	0.57	cps
Antimony	121-1	4261133	4310991	4329346	4300490	0.82	cps
Arsenic	75-2	211049	213137	213085	212424	0.56	cps
Barium	135-1	5771155	5764441	5731803	5755800	0.37	cps
Barium	137-1	9961388	10033676	9977189	9990751	0.38	cps
Beryllium	9-1	1316263	1314691	1325342	1318765	0.44	cps
Bismuth	209-1	7059228	6863271	6900801	6941100	1.50	cps
Bismuth	209-2	5261667	5251011	5333159	5281946	0.85	cps
Boron	10-1	151450	158411	155761	155207	2.26	cps
Boron	11-1	718009	735372	742094	731825	1.70	cps
Cadmium	111-1	1078817	1082813	1080544	1080725	0.19	cps
Cadmium	106-1	114812	116391	115577	115593	0.68	cps
Cadmium	108-1	78763	79454	78763	78993	0.51	cps
Calcium	43-1	8821547	8886436	8839356	8849113	0.38	cps
Calcium	44-1	141757349	143234457	142642407	142544738	0.52	cps
Chromium	52-2	2039238	2044301	2043701	2042413	0.14	cps
Cobalt	59-2	2952762	2961307	2972751	2962273	0.34	cps
Copper	63-2	3993028	4007383	4018754	4006388	0.32	cps
Dysprosium	156-1	133	58	108	100	38.19	cps
Dysprosium	156-2	87	87	80	84	4.56	cps
Erbium	164-1	100	83	58	81	26.03	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	150	100	142	131	20.52	cps
Gadolinium	160-2	177	177	207	187	9.28	cps
Holmium	165-1	13538253	13287072	13380027	13401784	0.95	cps
Holmium	165-2	8878897	8940886	9073342	8964375	1.11	cps
Indium	115-1	10857402	10677686	10813810	10782966	0.87	cps
Indium	115-2	2826555	2876077	2904099	2868910	1.37	cps
Iron	56-2	401249109	401740376	401874853	401621446	0.08	cps
Iron	57-2	9859687	9846080	9876957	9860908	0.16	cps
Lead	206-1	3051866	3083810	3081379	3072352	0.58	cps
Lead	207-1	2684382	2695310	2688918	2689537	0.20	cps
Lead	208-1	12184068	12154231	12156255	12164851	0.14	cps
Lithium	6-1	4410444	4326537	4369275	4368752	0.96	cps
Magnesium	24-2	73942802	74692962	74856837	74497534	0.65	cps
Manganese	55-2	2252574	2261026	2256298	2256633	0.19	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:41:57	DataFile Name :	032CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10575394	10619263	10547987	10580881	0.34	cps
Molybdenum	95-1	13047313	13142172	13026381	13071955	0.47	cps
Molybdenum	96-1	14391802	14483015	14456093	14443636	0.32	cps
Molybdenum	97-1	8089551	8121707	8106601	8105953	0.20	cps
Molybdenum	98-1	20742919	20735146	20672016	20716694	0.19	cps
Neodymium	150-1	267	213	247	242	11.12	cps
Neodymium	150-2	43	67	50	53	22.54	cps
Nickel	60-2	771876	778999	774647	775174	0.46	cps
Phosphorus	31-2	70383	71974	71254	71203	1.12	cps
Potassium	39-2	39324693	39429427	39808880	39521000	0.64	cps
Rhodium	103-1	10309125	10100661	10253212	10220999	1.06	cps
Rhodium	103-2	5894198	5923328	5992780	5936769	0.85	cps
Scandium	45-1	8915486	8821537	8952025	8896349	0.76	cps
Scandium	45-2	481885	489287	498317	489829	1.68	cps
Selenium	77-2	4351	4551	4474	4459	2.26	cps
Selenium	78-2	14639	14980	15010	14876	1.38	cps
Selenium	82-1	76114	76820	76361	76432	0.47	cps
Silicon	28-1	3845124	3877517	3908650	3877097	0.82	cps
Silver	109-1	5279047	5297186	5300474	5292235	0.22	cps
Silver	107-1	5492376	5518675	5502560	5504537	0.24	cps
Sodium	23-2	142163670	143258432	143366591	142929564	0.47	cps
Strontium	86-1	1666943	1671624	1679154	1672574	0.37	cps
Strontium	88-1	14455174	14576200	14500313	14510562	0.42	cps
Sulfur	34-1	845403	839115	844255	842925	0.40	cps
Terbium	159-1	13970148	13733409	13958429	13887328	0.96	cps
Terbium	159-2	8879529	8888448	8971632	8913203	0.57	cps
Thallium	203-1	3735343	3706246	3707694	3716427	0.44	cps
Thallium	205-1	8971441	9036767	8952655	8986954	0.49	cps
Tin	118-1	3737088	3737501	3760273	3744954	0.35	cps
Titanium	47-1	4176336	4196192	4202743	4191757	0.33	cps
Uranium	238-1	12410398	12365879	12069482	12281920	1.51	cps
Vanadium	51-2	1657152	1669214	1666865	1664410	0.38	cps
Yttrium	89-1	12952650	12900271	13045670	12966197	0.57	cps
Yttrium	89-2	2412358	2470003	2494579	2458980	1.72	cps
Zinc	66-2	541267	544149	543421	542946	0.28	cps
Zirconium	90-1	8950695	9022694	8950375	8974588	0.46	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:41:57	DataFile Name :	032CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2009141	2023822	2004512	2012492	0.50	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:46:07	DataFile Name :	033CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	433	483	419	17.13	cps
Antimony	121-1	3701	3826	3484	3670	4.71	cps
Arsenic	75-2	69	41	24	44	50.53	cps
Barium	135-1	708	458	500	556	24.11	cps
Barium	137-1	1017	850	1025	964	10.24	cps
Beryllium	9-1	372	300	322	331	11.16	cps
Bismuth	209-1	7591842	7355091	7537740	7494891	1.66	cps
Bismuth	209-2	5841143	5670553	5867908	5793201	1.85	cps
Boron	10-1	8444	8303	7319	8022	7.64	cps
Boron	11-1	39444	37063	34473	36993	6.72	cps
Cadmium	111-1	2504	2355	2397	2419	3.18	cps
Cadmium	106-1	3359	3126	3217	3234	3.64	cps
Cadmium	108-1	38	17	38	31	39.36	cps
Calcium	43-1	967	983	900	950	4.64	cps
Calcium	44-1	48380	45889	43975	46081	4.79	cps
Chromium	52-2	673	597	733	668	10.26	cps
Cobalt	59-2	300	250	253	268	10.44	cps
Copper	63-2	2000	1917	1977	1965	2.19	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	53	17	13	28	79.90	cps
Gadolinium	160-1	75	75	92	81	11.95	cps
Gadolinium	160-2	180	180	157	172	7.82	cps
Holmium	165-1	13861285	13248457	13439111	13516284	2.32	cps
Holmium	165-2	9089882	8920556	9215127	9075189	1.63	cps
Indium	115-1	11837000	11384770	11521026	11580932	2.00	cps
Indium	115-2	3022480	2960485	3041379	3008115	1.41	cps
Iron	56-2	28500	28161	27203	27955	2.41	cps
Iron	57-2	1095	922	1111	1043	10.03	cps
Lead	206-1	761	700	656	706	7.51	cps
Lead	207-1	567	594	556	572	3.50	cps
Lead	208-1	2939	2806	2695	2813	4.35	cps
Lithium	6-1	4688427	4539719	4638327	4622157	1.64	cps
Magnesium	24-2	4367	4884	3784	4345	12.67	cps
Manganese	55-2	243	237	237	239	1.61	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:46:07	DataFile Name :	033CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2942	2559	2300	2600	12.42	cps
Molybdenum	95-1	3434	2684	2775	2964	13.80	cps
Molybdenum	96-1	3676	3401	3025	3367	9.69	cps
Molybdenum	97-1	2175	1759	1800	1911	12.01	cps
Molybdenum	98-1	5168	4559	4226	4651	10.27	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	153	110	123	129	17.22	cps
Phosphorus	31-2	242	267	225	244	8.58	cps
Potassium	39-2	43255	41175	41242	41891	2.82	cps
Rhodium	103-1	11597964	11123709	11405285	11375652	2.10	cps
Rhodium	103-2	6587060	6391518	6575798	6518125	1.68	cps
Scandium	45-1	9536946	9086028	9262218	9295064	2.44	cps
Scandium	45-2	488718	480480	491481	486893	1.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	126	107	106	113	9.97	cps
Selenium	82-1	2109	1930	1796	1945	8.09	cps
Silicon	28-1	379676	381364	380477	380506	0.22	cps
Silver	109-1	4376	4434	3967	4259	5.97	cps
Silver	107-1	4793	4609	4534	4645	2.86	cps
Sodium	23-2	40556	38960	39202	39573	2.17	cps
Strontium	86-1	850	833	833	839	1.15	cps
Strontium	88-1	1542	1400	1300	1414	8.59	cps
Sulfur	34-1	334264	336088	339607	336653	0.81	cps
Terbium	159-1	14431760	13828419	14162411	14140863	2.14	cps
Terbium	159-2	9106570	8878243	9132514	9039109	1.55	cps
Thallium	203-1	1233	1033	1067	1111	9.64	cps
Thallium	205-1	2967	2750	2492	2737	8.69	cps
Tin	118-1	2075	2142	1850	2022	7.56	cps
Titanium	47-1	642	592	600	611	4.38	cps
Uranium	238-1	1250	1292	842	1128	22.05	cps
Vanadium	51-2	113	150	113	126	16.86	cps
Yttrium	89-1	13721604	13186603	13432095	13446767	1.99	cps
Yttrium	89-2	2489131	2441630	2515895	2482219	1.52	cps
Zinc	66-2	510	543	613	556	9.49	cps
Zirconium	90-1	2850	2550	2484	2628	7.43	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:46:07	DataFile Name :	033CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	675	550	608	10.34	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BL	Instrumnet Name :	P7
Client Sample ID :	PB110909BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:55:08	DataFile Name :	034CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	125	142	131	7.37	cps
Antimony	121-1	842	892	750	828	8.68	cps
Arsenic	75-2	13	24	22	20	30.14	cps
Barium	135-1	108	83	100	97	13.09	cps
Barium	137-1	183	175	175	178	2.71	cps
Beryllium	9-1	178	183	150	170	10.48	cps
Bismuth	209-1	7297726	7395447	7268984	7320719	0.91	cps
Bismuth	209-2	5645385	5576651	5653886	5625307	0.75	cps
Boron	10-1	2692	3159	3034	2962	8.16	cps
Boron	11-1	13832	13957	13014	13601	3.76	cps
Cadmium	111-1	2161	2194	2115	2157	1.82	cps
Cadmium	106-1	3042	3059	2959	3020	1.77	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	333	283	283	300	9.62	cps
Calcium	44-1	30541	30992	30600	30711	0.80	cps
Chromium	52-2	513	577	563	551	6.06	cps
Cobalt	59-2	70	87	73	77	11.51	cps
Copper	63-2	1303	1267	1273	1281	1.52	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	58	67	53	32.88	cps
Erbium	164-2	27	17	30	24	28.38	cps
Gadolinium	160-1	50	100	108	86	36.64	cps
Gadolinium	160-2	210	160	227	199	17.44	cps
Holmium	165-1	13000616	13298262	13122666	13140515	1.14	cps
Holmium	165-2	8738002	8674026	8833438	8748489	0.92	cps
Indium	115-1	11167977	11320863	11205724	11231521	0.71	cps
Indium	115-2	2859561	2862826	2939091	2887159	1.56	cps
Iron	56-2	6685	7057	6996	6913	2.89	cps
Iron	57-2	594	594	544	578	5.00	cps
Lead	206-1	461	422	378	420	9.92	cps
Lead	207-1	283	367	367	339	14.20	cps
Lead	208-1	1711	1661	1622	1665	2.68	cps
Lithium	6-1	4542448	4591666	4545856	4559990	0.60	cps
Magnesium	24-2	617	767	675	686	11.02	cps
Manganese	55-2	90	77	143	103	34.14	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BL	Instrumnet Name :	P7
Client Sample ID :	PB110909BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:55:08	DataFile Name :	034CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	917	675	708	767	17.08	cps
Molybdenum	95-1	400	517	383	433	16.77	cps
Molybdenum	96-1	650	500	608	586	13.21	cps
Molybdenum	97-1	467	333	367	389	17.84	cps
Molybdenum	98-1	800	683	633	706	12.12	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	63	77	77	72	10.66	cps
Phosphorus	31-2	258	233	292	261	11.21	cps
Potassium	39-2	38752	39253	39270	39091	0.75	cps
Rhodium	103-1	10936079	11188878	11030741	11051899	1.16	cps
Rhodium	103-2	6275371	6248762	6342585	6288906	0.77	cps
Scandium	45-1	9059909	9256150	9104268	9140109	1.13	cps
Scandium	45-2	475363	467707	483028	475366	1.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	106	96	97	8.62	cps
Selenium	82-1	1831	2094	1905	1943	6.98	cps
Silicon	28-1	385390	379140	374757	379762	1.41	cps
Silver	109-1	533	442	475	483	9.60	cps
Silver	107-1	567	567	475	536	9.87	cps
Sodium	23-2	25214	25423	25681	25439	0.92	cps
Strontium	86-1	775	658	817	750	10.94	cps
Strontium	88-1	267	292	275	278	4.58	cps
Sulfur	34-1	361747	366222	362114	363361	0.68	cps
Terbium	159-1	13601831	13881350	13645766	13709649	1.10	cps
Terbium	159-2	8696572	8659030	8846893	8734165	1.14	cps
Thallium	203-1	233	292	275	267	11.27	cps
Thallium	205-1	600	608	567	592	3.73	cps
Tin	118-1	908	1000	883	931	6.60	cps
Titanium	47-1	233	225	250	236	5.39	cps
Uranium	238-1	133	92	150	125	24.04	cps
Vanadium	51-2	47	37	40	41	12.39	cps
Yttrium	89-1	13029694	13297969	13098255	13141973	1.06	cps
Yttrium	89-2	2394701	2373847	2440901	2403150	1.43	cps
Zinc	66-2	333	380	377	363	7.17	cps
Zirconium	90-1	1233	1358	1383	1325	6.07	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BL	Instrumnet Name :	P7
Client Sample ID :	PB110909BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:55:08	DataFile Name :	034CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	267	342	292	14.85	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BS	Instrumnet Name :	P7
Client Sample ID :	PB110909BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:58:41	DataFile Name :	035LCS6_P7070818MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1246377	1244796	1242317	1244497	0.16	cps
Antimony	121-1	4652131	4719161	4695281	4688858	0.72	cps
Arsenic	75-2	211185	212964	212790	212313	0.46	cps
Barium	135-1	5658634	5696809	5715807	5690416	0.51	cps
Barium	137-1	9892340	9957650	9920826	9923606	0.33	cps
Beryllium	9-1	1331195	1331084	1333608	1331963	0.11	cps
Bismuth	209-1	7441739	7417344	7434007	7431030	0.17	cps
Bismuth	209-2	5830678	5706439	5666208	5734442	1.50	cps
Boron	10-1	137048	146073	143691	142271	3.29	cps
Boron	11-1	648159	672427	685854	668813	2.86	cps
Cadmium	111-1	1109754	1100427	1103419	1104533	0.43	cps
Cadmium	106-1	119785	117754	118769	118770	0.85	cps
Cadmium	108-1	80733	80958	80929	80873	0.15	cps
Calcium	43-1	1744290	1748857	1745544	1746230	0.14	cps
Calcium	44-1	28258824	28093631	28134262	28162239	0.31	cps
Chromium	52-2	1946876	1956057	1948841	1950591	0.25	cps
Cobalt	59-2	2953364	2967551	2969606	2963507	0.30	cps
Copper	63-2	4128320	4146181	4125357	4133286	0.27	cps
Dysprosium	156-1	33	33	58	42	34.65	cps
Dysprosium	156-2	80	70	60	70	14.29	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	27	33	37	32	15.80	cps
Gadolinium	160-1	83	150	108	114	29.57	cps
Gadolinium	160-2	203	213	217	211	3.29	cps
Holmium	165-1	13658634	13631472	13668708	13652938	0.14	cps
Holmium	165-2	9367390	9166350	9038224	9190654	1.81	cps
Indium	115-1	11261467	11104646	11229853	11198655	0.74	cps
Indium	115-2	3004716	2933346	2925120	2954394	1.48	cps
Iron	56-2	79834107	80277485	80339007	80150200	0.34	cps
Iron	57-2	1949757	1956735	1960747	1955746	0.28	cps
Lead	206-1	3001768	3062529	3095961	3053419	1.56	cps
Lead	207-1	2641072	2681748	2717710	2680177	1.43	cps
Lead	208-1	12060670	12166723	12291749	12173047	0.95	cps
Lithium	6-1	4610159	4539913	4553961	4568011	0.81	cps
Magnesium	24-2	14730302	14792201	14705301	14742601	0.30	cps
Manganese	55-2	2214064	2223573	2232510	2223382	0.41	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BS	Instrumnet Name :	P7
Client Sample ID :	PB110909BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:58:41	DataFile Name :	035LCS6_P7070818MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10283877	10283371	10343388	10303546	0.33	cps
Molybdenum	95-1	12751833	12732569	12742483	12742295	0.08	cps
Molybdenum	96-1	14065108	14127206	14083079	14091798	0.23	cps
Molybdenum	97-1	7900503	7917361	7891618	7903161	0.17	cps
Molybdenum	98-1	20283750	20334782	20277878	20298803	0.15	cps
Neodymium	150-1	213	253	200	222	12.49	cps
Neodymium	150-2	37	27	60	41	41.60	cps
Nickel	60-2	771707	777864	774696	774756	0.40	cps
Phosphorus	31-2	71086	69872	70768	70575	0.89	cps
Potassium	39-2	7704656	7706028	7661528	7690738	0.33	cps
Rhodium	103-1	10916345	10787324	10863078	10855582	0.60	cps
Rhodium	103-2	6366128	6191055	6132563	6229916	1.95	cps
Scandium	45-1	9177707	9035171	9066551	9093143	0.82	cps
Scandium	45-2	493806	479354	480448	484536	1.66	cps
Selenium	77-2	4647	4617	4804	4690	2.14	cps
Selenium	78-2	15119	15362	14982	15154	1.27	cps
Selenium	82-1	77871	78402	78896	78389	0.65	cps
Silicon	28-1	3831045	3836224	3840201	3835823	0.12	cps
Silver	109-1	5442195	5429720	5450311	5440742	0.19	cps
Silver	107-1	5713090	5731477	5729520	5724696	0.18	cps
Sodium	23-2	28153069	28403424	28185141	28247211	0.48	cps
Strontium	86-1	1615299	1627479	1624573	1622450	0.39	cps
Strontium	88-1	14145911	14191148	14178766	14171942	0.16	cps
Sulfur	34-1	856538	845597	837533	846556	1.13	cps
Terbium	159-1	14237354	14144765	14253967	14212029	0.41	cps
Terbium	159-2	9274954	9056761	9022540	9118085	1.50	cps
Thallium	203-1	3656987	3754335	3765773	3725698	1.60	cps
Thallium	205-1	8995716	9127234	9166479	9096476	0.98	cps
Tin	118-1	3650104	3686524	3698098	3678242	0.68	cps
Titanium	47-1	4117699	4085187	4093709	4098865	0.41	cps
Uranium	238-1	11796826	12176279	12082213	12018439	1.64	cps
Vanadium	51-2	1619055	1619276	1620120	1619484	0.03	cps
Yttrium	89-1	13360314	13173393	13294889	13276199	0.71	cps
Yttrium	89-2	2513076	2460445	2459537	2477686	1.24	cps
Zinc	66-2	568175	570024	566178	568126	0.34	cps
Zirconium	90-1	8773288	8764071	8772076	8769812	0.06	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110909BS	Instrumnet Name :	P7
Client Sample ID :	PB110909BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 14:58:41	DataFile Name :	035LCS6_P7070818MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1939529	1940235	1953212	1944325	0.40	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:02:15 DataFile Name : 036SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13545425	13529378	13637637	13570813	0.43	cps
Antimony	121-1	6452	5476	5034	5654	12.83	cps
Arsenic	75-2	11282	11080	11130	11164	0.94	cps
Barium	135-1	1693972	1714482	1727863	1712106	1.00	cps
Barium	137-1	2952992	2979633	2994497	2975707	0.71	cps
Beryllium	9-1	19513	19502	20436	19817	2.71	cps
Bismuth	209-1	5892009	6143699	6131342	6055683	2.34	cps
Bismuth	209-2	4740990	4731883	4771046	4747973	0.43	cps
Boron	10-1	28319	26607	27459	27462	3.12	cps
Boron	11-1	130711	131508	128307	130176	1.28	cps
Cadmium	111-1	9768	9824	10127	9906	1.95	cps
Cadmium	106-1	7602	7694	7944	7747	2.28	cps
Cadmium	108-1	1304	1388	1438	1376	4.89	cps
Calcium	43-1	71455929	71965658	72365075	71928887	0.63	cps
Calcium	44-1	1146733259	1160729093	1168313126	1158591826	0.94	cps
Chromium	52-2	6488441	6478083	6499689	6488738	0.17	cps
Cobalt	59-2	193376	193622	193804	193601	0.11	cps
Copper	63-2	340196	340707	341634	340846	0.21	cps
Dysprosium	156-1	329657	330285	334839	331594	0.85	cps
Dysprosium	156-2	224499	225004	227276	225593	0.66	cps
Erbium	164-1	300632	303537	306270	303480	0.93	cps
Erbium	164-2	195130	196422	197255	196269	0.55	cps
Gadolinium	160-1	318807	325060	324033	322633	1.04	cps
Gadolinium	160-2	228366	228079	229576	228673	0.35	cps
Holmium	165-1	11911807	12310292	12416796	12212965	2.18	cps
Holmium	165-2	8242516	8212699	8291209	8248808	0.48	cps
Indium	115-1	9375691	9712905	9742064	9610220	2.12	cps
Indium	115-2	2580493	2604442	2608119	2597685	0.58	cps
Iron	56-2	373384831	372984242	374055197	373474756	0.14	cps
Iron	57-2	9562776	9534989	9542772	9546846	0.15	cps
Lead	206-1	660910	669790	672642	667781	0.92	cps
Lead	207-1	521778	526817	529540	526045	0.75	cps
Lead	208-1	2475702	2512117	2510633	2499484	0.82	cps
Lithium	6-1	3976159	4062940	4106343	4048480	1.64	cps
Magnesium	24-2	9643775	9636856	9679730	9653454	0.24	cps
Manganese	55-2	7159230	7133507	7167624	7153454	0.25	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:02:15	DataFile Name :	036SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	519720	522764	528773	523752	0.88	cps
Molybdenum	95-1	30709	30274	32530	31171	3.84	cps
Molybdenum	96-1	116447	119639	120111	118732	1.68	cps
Molybdenum	97-1	19898	18780	18538	19072	3.80	cps
Molybdenum	98-1	49177	49863	49077	49373	0.87	cps
Neodymium	150-1	545781	544013	553055	547616	0.88	cps
Neodymium	150-2	281767	282565	287292	283875	1.05	cps
Nickel	60-2	150755	149904	151167	150609	0.43	cps
Phosphorus	31-2	78842	77091	78591	78175	1.21	cps
Potassium	39-2	9135527	9124186	9177417	9145710	0.31	cps
Rhodium	103-1	8548136	8891117	8918465	8785906	2.35	cps
Rhodium	103-2	5126862	5144421	5178201	5149828	0.51	cps
Scandium	45-1	8495228	8763236	8837662	8698709	2.07	cps
Scandium	45-2	474329	475001	474292	474541	0.08	cps
Selenium	77-2	980	1013	963	986	2.58	cps
Selenium	78-2	807	767	867	814	6.18	cps
Selenium	82-1	2699	2643	2618	2654	1.57	cps
Silicon	28-1	92118367	93393602	93760435	93090801	0.93	cps
Silver	109-1	2834	2567	2642	2681	5.13	cps
Silver	107-1	5073	3592	3284	3983	24.01	cps
Sodium	23-2	883278	886307	890014	886533	0.38	cps
Strontium	86-1	6004226	6089705	6146964	6080298	1.18	cps
Strontium	88-1	52016444	52792937	53120049	52643143	1.08	cps
Sulfur	34-1	473856	478080	482204	478047	0.87	cps
Terbium	159-1	12253849	12808653	12794548	12619017	2.51	cps
Terbium	159-2	8197313	8165995	8211445	8191585	0.28	cps
Thallium	203-1	12315	11898	12581	12265	2.81	cps
Thallium	205-1	29785	29776	29175	29579	1.18	cps
Tin	118-1	5593	5618	5360	5524	2.58	cps
Titanium	47-1	153001	154680	157436	155039	1.44	cps
Uranium	238-1	315935	328375	324351	322887	1.97	cps
Vanadium	51-2	746682	745459	751821	747987	0.45	cps
Yttrium	89-1	16391510	16929934	17009034	16776826	2.00	cps
Yttrium	89-2	3193177	3183432	3200393	3192334	0.27	cps
Zinc	66-2	175273	176964	175335	175857	0.55	cps
Zirconium	90-1	1394388	1410258	1404728	1403125	0.57	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:02:15	DataFile Name :	036SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	310876	312561	315091	312843	0.68	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06DUP Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:05:54 DataFile Name : 037SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13463096	13555300	13586114	13534836	0.47	cps
Antimony	121-1	2342	2125	2384	2284	6.07	cps
Arsenic	75-2	11084	10978	11395	11152	1.94	cps
Barium	135-1	1712816	1726330	1719277	1719474	0.39	cps
Barium	137-1	2977158	3014310	2995128	2995532	0.62	cps
Beryllium	9-1	19012	19385	19463	19287	1.25	cps
Bismuth	209-1	6114158	6232412	6268319	6204963	1.30	cps
Bismuth	209-2	4821866	4774683	4803603	4800051	0.50	cps
Boron	10-1	22367	23202	23577	23049	2.69	cps
Boron	11-1	108260	110494	111458	110071	1.49	cps
Cadmium	111-1	10316	10066	9744	10042	2.86	cps
Cadmium	106-1	7952	7477	7661	7697	3.11	cps
Cadmium	108-1	1383	1296	1475	1385	6.47	cps
Calcium	43-1	71577945	72225622	72758406	72187325	0.82	cps
Calcium	44-1	1158236093	1163510093	1171987926	1164578037	0.60	cps
Chromium	52-2	6462704	6506049	6508845	6492533	0.40	cps
Cobalt	59-2	192840	193586	193997	193474	0.30	cps
Copper	63-2	339399	340531	340076	340002	0.17	cps
Dysprosium	156-1	331257	335923	336646	334609	0.87	cps
Dysprosium	156-2	225619	226775	224378	225591	0.53	cps
Erbium	164-1	305054	307709	305253	306005	0.48	cps
Erbium	164-2	197304	200087	197858	198416	0.74	cps
Gadolinium	160-1	324656	322652	322999	323436	0.33	cps
Gadolinium	160-2	229135	231168	230386	230230	0.45	cps
Holmium	165-1	12264949	12486855	12571473	12441092	1.27	cps
Holmium	165-2	8336091	8373324	8336028	8348481	0.26	cps
Indium	115-1	9640905	9848890	9955442	9815079	1.63	cps
Indium	115-2	2619922	2636513	2637844	2631426	0.38	cps
Iron	56-2	372949797	375033197	375286375	374423123	0.34	cps
Iron	57-2	9544725	9556480	9523367	9541524	0.18	cps
Lead	206-1	669343	672314	661734	667797	0.82	cps
Lead	207-1	522798	533912	524937	527215	1.12	cps
Lead	208-1	2496391	2526964	2507761	2510372	0.62	cps
Lithium	6-1	3963442	4006228	4066043	4011905	1.28	cps
Magnesium	24-2	9561852	9669201	9586755	9605936	0.58	cps
Manganese	55-2	7130139	7165058	7166957	7154051	0.29	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06DUP	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:05:54	DataFile Name :	037SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	518714	523994	524296	522334	0.60	cps
Molybdenum	95-1	28763	29473	28721	28986	1.46	cps
Molybdenum	96-1	117665	116825	117287	117259	0.36	cps
Molybdenum	97-1	17628	17787	18579	17998	2.83	cps
Molybdenum	98-1	45858	45507	45641	45669	0.39	cps
Neodymium	150-1	540804	558494	547724	549007	1.62	cps
Neodymium	150-2	285257	285848	288114	286406	0.53	cps
Nickel	60-2	150584	151890	150382	150952	0.54	cps
Phosphorus	31-2	76162	77844	79579	77862	2.19	cps
Potassium	39-2	9128879	9150621	9143948	9141149	0.12	cps
Rhodium	103-1	8844918	8974660	9150850	8990143	1.71	cps
Rhodium	103-2	5180457	5191832	5167659	5179983	0.23	cps
Scandium	45-1	8748210	8858346	8923565	8843374	1.00	cps
Scandium	45-2	475118	475871	477837	476275	0.29	cps
Selenium	77-2	1047	1000	1037	1028	2.39	cps
Selenium	78-2	820	765	902	829	8.31	cps
Selenium	82-1	2813	2731	2868	2804	2.46	cps
Silicon	28-1	94158248	95037721	95856319	95017429	0.89	cps
Silver	109-1	2225	2650	2259	2378	9.94	cps
Silver	107-1	3217	3492	3409	3373	4.18	cps
Sodium	23-2	872002	880210	876551	876254	0.47	cps
Strontium	86-1	6035947	6144939	6148578	6109821	1.05	cps
Strontium	88-1	52262063	52881525	53030524	52724704	0.77	cps
Sulfur	34-1	481677	481958	484949	482861	0.38	cps
Terbium	159-1	12663629	12886391	13060704	12870241	1.55	cps
Terbium	159-2	8265858	8292148	8262820	8273609	0.19	cps
Thallium	203-1	11631	12139	11581	11784	2.62	cps
Thallium	205-1	28407	28465	27379	28084	2.17	cps
Tin	118-1	4684	4501	4242	4476	4.96	cps
Titanium	47-1	154217	156700	156060	155659	0.83	cps
Uranium	238-1	325297	326296	330429	327341	0.83	cps
Vanadium	51-2	748262	753022	751859	751047	0.33	cps
Yttrium	89-1	16767643	17009645	17187914	16988401	1.24	cps
Yttrium	89-2	3211157	3239156	3225634	3225316	0.43	cps
Zinc	66-2	174704	176884	176090	175893	0.63	cps
Zirconium	90-1	1401368	1408167	1402237	1403924	0.26	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06DUP	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:05:54	DataFile Name :	037SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308288	313897	313899	312028	1.04	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06LX5 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 5
 Date & Time Acquired :: 2018-07-08 15:09:34 DataFile Name : 038SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2850623	2821433	2840988	2837681	0.52	cps
Antimony	121-1	783	842	725	783	7.45	cps
Arsenic	75-2	2411	2467	2361	2413	2.19	cps
Barium	135-1	366150	366601	363817	365523	0.41	cps
Barium	137-1	637756	639850	635970	637859	0.30	cps
Beryllium	9-1	4351	4401	4362	4371	0.60	cps
Bismuth	209-1	7338900	7035224	7342208	7238777	2.44	cps
Bismuth	209-2	5527779	5420133	5385628	5444513	1.36	cps
Boron	10-1	7085	7427	6902	7138	3.73	cps
Boron	11-1	32160	32285	32619	32355	0.73	cps
Cadmium	111-1	4035	4269	4404	4236	4.40	cps
Cadmium	106-1	4326	4626	4609	4520	3.73	cps
Cadmium	108-1	329	296	342	322	7.35	cps
Calcium	43-1	15290246	15462625	15214655	15322508	0.83	cps
Calcium	44-1	246347072	247739806	245290822	246459233	0.50	cps
Chromium	52-2	1355732	1353193	1360111	1356346	0.26	cps
Cobalt	59-2	42612	42675	41546	42278	1.50	cps
Copper	63-2	77607	76244	76911	76921	0.89	cps
Dysprosium	156-1	68932	70942	70758	70211	1.58	cps
Dysprosium	156-2	47117	47980	47886	47661	0.99	cps
Erbium	164-1	63741	65240	64888	64623	1.21	cps
Erbium	164-2	42225	41399	41951	41858	1.01	cps
Gadolinium	160-1	67777	66612	69460	67950	2.11	cps
Gadolinium	160-2	48977	48760	49061	48933	0.32	cps
Holmium	165-1	13655414	13074250	13698988	13476217	2.59	cps
Holmium	165-2	8945962	8856854	8739659	8847492	1.17	cps
Indium	115-1	11187463	10779476	11171280	11046073	2.09	cps
Indium	115-2	2857153	2816236	2829542	2834311	0.74	cps
Iron	56-2	80238118	80311541	80216080	80255246	0.06	cps
Iron	57-2	1997780	2002339	2012613	2004244	0.38	cps
Lead	206-1	150170	149624	148363	149386	0.62	cps
Lead	207-1	115388	117718	114423	115843	1.46	cps
Lead	208-1	554769	560735	553613	556372	0.69	cps
Lithium	6-1	4392872	4229966	4372859	4331899	2.05	cps
Magnesium	24-2	2031626	2022499	2031794	2028640	0.26	cps
Manganese	55-2	1505248	1507943	1505312	1506167	0.10	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06LX5	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 15:09:34	DataFile Name :	038SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	111087	111416	111684	111396	0.27	cps
Molybdenum	95-1	6510	6318	6585	6471	2.13	cps
Molybdenum	96-1	24455	25757	25031	25081	2.60	cps
Molybdenum	97-1	4026	4134	4126	4095	1.47	cps
Molybdenum	98-1	9795	10771	9871	10146	5.35	cps
Neodymium	150-1	115446	115924	116199	115857	0.33	cps
Neodymium	150-2	59601	60194	60555	60117	0.80	cps
Nickel	60-2	33168	33188	33184	33180	0.03	cps
Phosphorus	31-2	16752	16660	17169	16860	1.61	cps
Potassium	39-2	1909209	1898490	1902256	1903318	0.29	cps
Rhodium	103-1	10559973	10115336	10596276	10423861	2.57	cps
Rhodium	103-2	5859514	5759092	5720360	5779655	1.24	cps
Scandium	45-1	9154774	8768218	9159453	9027482	2.49	cps
Scandium	45-2	465958	456760	454994	459237	1.28	cps
Selenium	77-2	220	193	183	199	9.53	cps
Selenium	78-2	272	239	244	252	7.09	cps
Selenium	82-1	2084	2063	2119	2089	1.33	cps
Silicon	28-1	20313531	20093231	20008182	20138314	0.78	cps
Silver	109-1	708	850	758	772	9.30	cps
Silver	107-1	1000	983	908	964	5.07	cps
Sodium	23-2	196361	195498	196376	196078	0.26	cps
Strontium	86-1	1278733	1289110	1280961	1282935	0.43	cps
Strontium	88-1	11208796	11306810	11248062	11254556	0.44	cps
Sulfur	34-1	413375	411224	412565	412388	0.26	cps
Terbium	159-1	14302607	13761769	14272295	14112223	2.15	cps
Terbium	159-2	8881363	8719326	8702905	8767865	1.12	cps
Thallium	203-1	2775	2834	2425	2678	8.25	cps
Thallium	205-1	6485	6177	6594	6418	3.37	cps
Tin	118-1	2026	1508	1583	1706	16.38	cps
Titanium	47-1	32904	33205	32428	32846	1.19	cps
Uranium	238-1	71808	69109	70318	70412	1.92	cps
Vanadium	51-2	156419	156699	156833	156650	0.13	cps
Yttrium	89-1	14167887	13718039	14205353	14030426	1.93	cps
Yttrium	89-2	2574316	2554546	2544583	2557815	0.59	cps
Zinc	66-2	40526	41572	41318	41139	1.33	cps
Zirconium	90-1	293661	297564	292522	294582	0.90	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06LX5	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 15:09:34	DataFile Name :	038SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	64530	65116	66170	65272	1.27	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-07 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:32:26 DataFile Name : 043SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13017296	13053000	13019184	13029827	0.15	cps
Antimony	121-1	3625374	3690912	3699253	3671846	1.10	cps
Arsenic	75-2	184116	185900	183801	184606	0.61	cps
Barium	135-1	6308417	6412184	6395129	6371910	0.87	cps
Barium	137-1	10990882	11113257	11179023	11094387	0.86	cps
Beryllium	9-1	1012925	1020517	1028135	1020526	0.75	cps
Bismuth	209-1	5933023	6014598	6007049	5984890	0.75	cps
Bismuth	209-2	4663645	4727887	4713027	4701520	0.72	cps
Boron	10-1	125869	129928	132231	129343	2.49	cps
Boron	11-1	588369	603176	618379	603308	2.49	cps
Cadmium	111-1	820815	832914	840861	831530	1.21	cps
Cadmium	106-1	93751	96570	97383	95901	1.99	cps
Cadmium	108-1	61650	61654	64149	62484	2.31	cps
Calcium	43-1	61790020	62692870	63059066	62513985	1.04	cps
Calcium	44-1	996979156	1009369389	1017937756	1008095434	1.05	cps
Chromium	52-2	6066198	6050464	6078617	6065093	0.23	cps
Cobalt	59-2	2578470	2612504	2601228	2597400	0.67	cps
Copper	63-2	3445207	3479454	3467120	3463927	0.50	cps
Dysprosium	156-1	283184	288781	291433	287799	1.46	cps
Dysprosium	156-2	198966	200001	197946	198971	0.52	cps
Erbium	164-1	259026	259829	263167	260674	0.84	cps
Erbium	164-2	171590	171010	173059	171886	0.61	cps
Gadolinium	160-1	273893	276325	278933	276383	0.91	cps
Gadolinium	160-2	199465	200114	199464	199681	0.19	cps
Holmium	165-1	11882540	11951116	12041607	11958421	0.67	cps
Holmium	165-2	8147068	8217467	8204514	8189683	0.46	cps
Indium	115-1	9217562	9385088	9334783	9312478	0.92	cps
Indium	115-2	2544282	2573653	2573099	2563678	0.66	cps
Iron	56-2	361022730	362570541	363257130	362283467	0.32	cps
Iron	57-2	9196717	9239538	9201999	9212751	0.25	cps
Lead	206-1	3005168	3091564	3086489	3061074	1.58	cps
Lead	207-1	2547424	2570195	2586366	2567995	0.76	cps
Lead	208-1	11764693	11877217	11952311	11864740	0.80	cps
Lithium	6-1	3494180	3525355	3531860	3517132	0.57	cps
Magnesium	24-2	20281011	20333637	20242496	20285715	0.23	cps
Manganese	55-2	8738750	8763781	8795841	8766124	0.33	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-07 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:32:26 DataFile Name : 043SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8819092	8892513	8987782	8899796	0.95	cps
Molybdenum	95-1	10349157	10439208	10566201	10451522	1.04	cps
Molybdenum	96-1	11526383	11673132	11771722	11657079	1.06	cps
Molybdenum	97-1	6414671	6499383	6565373	6493142	1.16	cps
Molybdenum	98-1	16384890	16634647	16772029	16597189	1.18	cps
Neodymium	150-1	461057	475853	474452	470454	1.74	cps
Neodymium	150-2	249157	250319	250148	249875	0.25	cps
Nickel	60-2	743245	746825	743185	744418	0.28	cps
Phosphorus	31-2	62515	62799	61611	62308	1.00	cps
Potassium	39-2	14710144	14775958	14814174	14766758	0.36	cps
Rhodium	103-1	8415685	8568251	8540946	8508294	0.96	cps
Rhodium	103-2	4956810	5008043	5009916	4991590	0.60	cps
Scandium	45-1	8231364	8313089	8369990	8304814	0.84	cps
Scandium	45-2	454395	457017	457367	456260	0.36	cps
Selenium	77-2	4454	4671	4617	4581	2.47	cps
Selenium	78-2	12974	13102	13010	13029	0.51	cps
Selenium	82-1	59684	60608	60369	60220	0.80	cps
Silicon	28-1	113343473	114362719	115296511	114334235	0.85	cps
Silver	109-1	2711964	2468502	2435182	2538549	5.95	cps
Silver	107-1	2543819	2996316	2560281	2700139	9.50	cps
Sodium	23-2	23756893	23886604	23765541	23803013	0.30	cps
Strontium	86-1	6828156	6903984	6944103	6892081	0.85	cps
Strontium	88-1	59174135	59797345	59950289	59640590	0.69	cps
Sulfur	34-1	455170	447024	451975	451389	0.91	cps
Terbium	159-1	12263736	12439279	12489564	12397526	0.96	cps
Terbium	159-2	8053617	8094753	8106307	8084892	0.34	cps
Thallium	203-1	3060554	3084484	3111405	3085481	0.82	cps
Thallium	205-1	7333537	7429660	7442872	7402023	0.81	cps
Tin	118-1	3000483	3023510	3026480	3016824	0.47	cps
Titanium	47-1	3497366	3525580	3556669	3526538	0.84	cps
Uranium	238-1	10235757	10456517	10580345	10424206	1.67	cps
Vanadium	51-2	2010332	2008912	2010807	2010017	0.05	cps
Yttrium	89-1	15375041	15582871	15624957	15527623	0.86	cps
Yttrium	89-2	3009141	3035592	3042049	3028927	0.58	cps
Zinc	66-2	570124	577539	572954	573539	0.65	cps
Zirconium	90-1	8230116	8414336	8439109	8361187	1.37	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-07	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:32:26	DataFile Name :	043SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1839171	1877684	1874686	1863847	1.15	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-08 Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:36:06 DataFile Name : 044SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14094576	14090324	14016498	14067133	0.31	cps
Antimony	121-1	3634730	3674415	3752573	3687239	1.63	cps
Arsenic	75-2	185258	185061	186530	185617	0.43	cps
Barium	135-1	6870863	6984940	7033175	6962993	1.20	cps
Barium	137-1	11933219	12078237	12212188	12074548	1.16	cps
Beryllium	9-1	1007609	1013903	1023844	1015119	0.81	cps
Bismuth	209-1	6008013	6076443	6097771	6060742	0.77	cps
Bismuth	209-2	4670733	4715681	4767541	4717985	1.03	cps
Boron	10-1	130256	133081	137157	133498	2.60	cps
Boron	11-1	606823	625737	637080	623214	2.45	cps
Cadmium	111-1	828198	832398	843620	834739	0.96	cps
Cadmium	106-1	94144	93759	98012	95305	2.47	cps
Cadmium	108-1	61621	61893	62583	62033	0.80	cps
Calcium	43-1	62842101	63439437	64071514	63451017	0.97	cps
Calcium	44-1	1014458056	1026283056	1035469590	1025403567	1.03	cps
Chromium	52-2	6127365	6151842	6134241	6137816	0.21	cps
Cobalt	59-2	2595808	2619237	2601476	2605507	0.47	cps
Copper	63-2	3435429	3448865	3441964	3442086	0.20	cps
Dysprosium	156-1	294447	295320	302884	297550	1.56	cps
Dysprosium	156-2	202746	206474	204111	204444	0.92	cps
Erbium	164-1	268761	269801	273710	270757	0.96	cps
Erbium	164-2	177562	179250	180138	178983	0.73	cps
Gadolinium	160-1	284010	285964	289413	286463	0.95	cps
Gadolinium	160-2	203973	205873	206788	205545	0.70	cps
Holmium	165-1	11883418	12056211	12193110	12044246	1.29	cps
Holmium	165-2	8160812	8210626	8204465	8191967	0.33	cps
Indium	115-1	9238022	9334971	9391789	9321594	0.83	cps
Indium	115-2	2551230	2555929	2578863	2562008	0.58	cps
Iron	56-2	391135009	390960142	390208664	390767938	0.13	cps
Iron	57-2	9873052	9880487	9868460	9874000	0.06	cps
Lead	206-1	3074411	3076718	3130759	3093963	1.03	cps
Lead	207-1	2583905	2602643	2635398	2607316	1.00	cps
Lead	208-1	11922959	11989871	12139450	12017427	0.92	cps
Lithium	6-1	3486108	3482302	3512294	3493568	0.47	cps
Magnesium	24-2	20611422	20756315	20629449	20665729	0.38	cps
Manganese	55-2	11868815	11889408	11843231	11867151	0.19	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-08	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:36:06	DataFile Name :	044SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8784144	8905709	9024992	8904948	1.35	cps
Molybdenum	95-1	10330368	10454570	10568713	10451217	1.14	cps
Molybdenum	96-1	11515203	11607649	11701906	11608253	0.80	cps
Molybdenum	97-1	6435584	6476916	6543423	6485308	0.84	cps
Molybdenum	98-1	16613282	16688061	16835718	16712354	0.68	cps
Neodymium	150-1	486770	485409	493881	488687	0.93	cps
Neodymium	150-2	255556	259804	260142	258501	0.99	cps
Nickel	60-2	749929	752433	752628	751663	0.20	cps
Phosphorus	31-2	59754	59527	60950	60077	1.27	cps
Potassium	39-2	15179331	15217592	15174376	15190433	0.16	cps
Rhodium	103-1	8478096	8517250	8636869	8544072	0.97	cps
Rhodium	103-2	4969233	4952075	5000146	4973818	0.49	cps
Scandium	45-1	8246486	8319052	8344177	8303238	0.61	cps
Scandium	45-2	455570	453212	454425	454402	0.26	cps
Selenium	77-2	4617	4517	4764	4633	2.68	cps
Selenium	78-2	12809	12743	12865	12806	0.48	cps
Selenium	82-1	58738	60264	60135	59712	1.42	cps
Silicon	28-1	118544590	119595932	120240607	119460376	0.72	cps
Silver	109-1	2184525	2824418	2279810	2429585	14.21	cps
Silver	107-1	2519018	2506578	2246637	2424078	6.34	cps
Sodium	23-2	25102315	25257112	25224737	25194721	0.32	cps
Strontium	86-1	6599860	6691073	6767591	6686175	1.26	cps
Strontium	88-1	57340826	58331276	58319164	57997089	0.98	cps
Sulfur	34-1	419503	422018	422235	421252	0.36	cps
Terbium	159-1	12399487	12467580	12563083	12476717	0.66	cps
Terbium	159-2	8099176	8100410	8107147	8102244	0.05	cps
Thallium	203-1	3097983	3114992	3168248	3127074	1.17	cps
Thallium	205-1	7382329	7386305	7522269	7430301	1.07	cps
Tin	118-1	2976274	3027953	3071710	3025312	1.58	cps
Titanium	47-1	3499570	3547109	3573908	3540196	1.06	cps
Uranium	238-1	10340002	10534618	10576523	10483715	1.20	cps
Vanadium	51-2	1967888	1981402	1977759	1975683	0.35	cps
Yttrium	89-1	15544481	15672791	15799875	15672382	0.81	cps
Yttrium	89-2	3044935	3046011	3071762	3054236	0.50	cps
Zinc	66-2	577176	582567	584632	581458	0.66	cps
Zirconium	90-1	8358419	8441466	8509396	8436427	0.90	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-08	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:36:06	DataFile Name :	044SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1869196	1882590	1908714	1886833	1.07	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-09 Instrumnet Name : P7
 Client Sample ID : WP021SB476-27-29-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 15:43:19 DataFile Name : 046SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10227100	10265574	10199612	10230762	0.32	cps
Antimony	121-1	2934	2925	2750	2870	3.61	cps
Arsenic	75-2	8043	8302	8008	8118	1.98	cps
Barium	135-1	1145790	1159883	1168424	1158032	0.99	cps
Barium	137-1	2014026	2008638	2029848	2017504	0.55	cps
Beryllium	9-1	15931	15586	15403	15640	1.71	cps
Bismuth	209-1	6032124	6089939	6120395	6080819	0.74	cps
Bismuth	209-2	4697204	4712535	4721655	4710465	0.26	cps
Boron	10-1	20481	20289	20882	20551	1.47	cps
Boron	11-1	92356	95141	94243	93913	1.51	cps
Cadmium	111-1	8507	8135	8663	8435	3.22	cps
Cadmium	106-1	6885	6502	6935	6774	3.50	cps
Cadmium	108-1	1246	1138	1054	1146	8.39	cps
Calcium	43-1	61962010	62487041	62748639	62399230	0.64	cps
Calcium	44-1	997688922	1005289756	1010451823	1004476834	0.64	cps
Chromium	52-2	1924760	1925226	1926719	1925568	0.05	cps
Cobalt	59-2	331655	332167	330975	331599	0.18	cps
Copper	63-2	286975	288892	287760	287875	0.33	cps
Dysprosium	156-1	278340	277325	277641	277769	0.19	cps
Dysprosium	156-2	189346	188482	189212	189013	0.25	cps
Erbium	164-1	244981	248279	251754	248338	1.36	cps
Erbium	164-2	164147	164850	163011	164003	0.57	cps
Gadolinium	160-1	261300	263348	263809	262819	0.51	cps
Gadolinium	160-2	188196	191533	188767	189499	0.94	cps
Holmium	165-1	11949688	12068403	12061739	12026610	0.55	cps
Holmium	165-2	8128315	8155798	8148265	8144126	0.17	cps
Indium	115-1	9376362	9430500	9396402	9401088	0.29	cps
Indium	115-2	2557350	2569018	2561873	2562747	0.23	cps
Iron	56-2	249853083	249695400	248715772	249421419	0.25	cps
Iron	57-2	6453451	6427584	6415499	6432178	0.30	cps
Lead	206-1	591230	591970	591021	591407	0.08	cps
Lead	207-1	459320	469950	468011	465760	1.22	cps
Lead	208-1	2205158	2222333	2231671	2219721	0.61	cps
Lithium	6-1	3478937	3491897	3497294	3489376	0.27	cps
Magnesium	24-2	8060598	8049768	8014114	8041493	0.30	cps
Manganese	55-2	5228222	5209217	5201852	5213097	0.26	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-09	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-27-29-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:43:19	DataFile Name :	046SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	413259	414088	411050	412799	0.38	cps
Molybdenum	95-1	41520	40909	41478	41302	0.83	cps
Molybdenum	96-1	109451	108258	109199	108970	0.58	cps
Molybdenum	97-1	25248	25724	26141	25704	1.74	cps
Molybdenum	98-1	64840	65091	64556	64829	0.41	cps
Neodymium	150-1	448661	450003	452915	450526	0.48	cps
Neodymium	150-2	236195	238816	237728	237580	0.55	cps
Nickel	60-2	149668	147254	147604	148175	0.88	cps
Phosphorus	31-2	38559	37874	38785	38406	1.23	cps
Potassium	39-2	6635984	6629658	6626434	6630692	0.07	cps
Rhodium	103-1	8497421	8600650	8575763	8557944	0.63	cps
Rhodium	103-2	4941989	4960542	4949728	4950753	0.19	cps
Scandium	45-1	8143443	8264349	8257081	8221624	0.82	cps
Scandium	45-2	442466	441729	442481	442226	0.10	cps
Selenium	77-2	803	790	833	809	2.74	cps
Selenium	78-2	624	698	672	665	5.65	cps
Selenium	82-1	2629	2471	2431	2510	4.17	cps
Silicon	28-1	125103761	125409540	126057865	125523722	0.39	cps
Silver	109-1	1917	1767	1784	1822	4.51	cps
Silver	107-1	2925	2792	2809	2842	2.56	cps
Sodium	23-2	931357	929826	925186	928790	0.35	cps
Strontium	86-1	6497233	6535400	6536326	6522986	0.34	cps
Strontium	88-1	56699518	56687633	56901816	56762989	0.21	cps
Sulfur	34-1	454044	449055	450466	451189	0.57	cps
Terbium	159-1	12416546	12523379	12490216	12476714	0.44	cps
Terbium	159-2	8030538	8041766	8073765	8048689	0.28	cps
Thallium	203-1	11447	11155	11155	11252	1.50	cps
Thallium	205-1	27163	27605	27254	27341	0.85	cps
Tin	118-1	7227	7394	6810	7144	4.21	cps
Titanium	47-1	177431	181333	179239	179334	1.09	cps
Uranium	238-1	214813	215997	217585	216131	0.64	cps
Vanadium	51-2	499185	496705	499391	498427	0.30	cps
Yttrium	89-1	15143279	15193391	15238042	15191571	0.31	cps
Yttrium	89-2	2923008	2936987	2926604	2928866	0.25	cps
Zinc	66-2	145631	144695	143893	144740	0.60	cps
Zirconium	90-1	1072391	1067334	1076810	1072178	0.44	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-09	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-27-29-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 15:43:19	DataFile Name :	046SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	241659	239334	239098	240030	0.59	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06A Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:00:22 DataFile Name : 048SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13173901	13172135	13191766	13179267	0.08	cps
Antimony	121-1	3538015	3584984	3616663	3579887	1.11	cps
Arsenic	75-2	179807	180186	181187	180394	0.40	cps
Barium	135-1	6462971	6528587	6586872	6526143	0.95	cps
Barium	137-1	11222615	11387382	11403498	11337832	0.88	cps
Beryllium	9-1	984487	989101	996396	989994	0.61	cps
Bismuth	209-1	5870680	5976754	6023863	5957099	1.32	cps
Bismuth	209-2	4643926	4655973	4693147	4664349	0.55	cps
Boron	10-1	125634	128854	130928	128472	2.08	cps
Boron	11-1	581445	602208	617525	600393	3.02	cps
Cadmium	111-1	801068	813936	814615	809873	0.94	cps
Cadmium	106-1	92039	93047	91738	92275	0.74	cps
Cadmium	108-1	60788	60947	61617	61118	0.72	cps
Calcium	43-1	59184353	60196322	60583014	59987896	1.20	cps
Calcium	44-1	951491621	970706122	977987589	966728444	1.42	cps
Chromium	52-2	5906612	5918573	5914653	5913279	0.10	cps
Cobalt	59-2	2505422	2515498	2526556	2515825	0.42	cps
Copper	63-2	3336410	3356432	3361966	3351603	0.40	cps
Dysprosium	156-1	290350	288952	288209	289170	0.38	cps
Dysprosium	156-2	196796	198834	196195	197275	0.70	cps
Erbium	164-1	257461	260367	260384	259404	0.65	cps
Erbium	164-2	173403	171402	172333	172379	0.58	cps
Gadolinium	160-1	272258	271848	280430	274845	1.76	cps
Gadolinium	160-2	200912	198728	200364	200002	0.57	cps
Holmium	165-1	11649931	11816938	11911816	11792895	1.12	cps
Holmium	165-2	8080530	8109838	8097739	8096035	0.18	cps
Indium	115-1	8915068	9111312	9177517	9067965	1.51	cps
Indium	115-2	2514474	2536032	2519532	2523346	0.45	cps
Iron	56-2	363586541	364453275	366141208	364727008	0.36	cps
Iron	57-2	9249298	9258087	9279156	9262181	0.17	cps
Lead	206-1	2985059	3036185	3081400	3034214	1.59	cps
Lead	207-1	2539531	2560393	2603948	2567957	1.28	cps
Lead	208-1	11606412	11816808	11998063	11807094	1.66	cps
Lithium	6-1	3307083	3345366	3373833	3342094	1.00	cps
Magnesium	24-2	19829059	19924833	19942776	19898889	0.31	cps
Manganese	55-2	9980553	10010447	9991939	9994313	0.15	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-06A Instrumnet Name : P7
 Client Sample ID : WP021SB476-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:00:22 DataFile Name : 048SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8456688	8536278	8676141	8556369	1.30	cps
Molybdenum	95-1	9910728	10089287	10159340	10053118	1.28	cps
Molybdenum	96-1	10976910	11169542	11279936	11142130	1.38	cps
Molybdenum	97-1	6171568	6239468	6289346	6233461	0.95	cps
Molybdenum	98-1	15826163	15986230	16088399	15966931	0.83	cps
Neodymium	150-1	464232	470923	472772	469309	0.96	cps
Neodymium	150-2	249892	251140	250339	250457	0.25	cps
Nickel	60-2	722905	724844	727730	725160	0.33	cps
Phosphorus	31-2	59637	57495	60147	59093	2.38	cps
Potassium	39-2	14506664	14463257	14572494	14514138	0.38	cps
Rhodium	103-1	8047057	8216396	8273286	8178913	1.44	cps
Rhodium	103-2	4883357	4890127	4891553	4888346	0.09	cps
Scandium	45-1	7774928	7938112	7954966	7889335	1.26	cps
Scandium	45-2	443052	440208	444334	442531	0.48	cps
Selenium	77-2	4291	4594	4494	4460	3.47	cps
Selenium	78-2	12509	12457	12485	12484	0.21	cps
Selenium	82-1	57070	57282	58069	57474	0.92	cps
Silicon	28-1	110243586	112445169	113791407	112160054	1.60	cps
Silver	109-1	2022024	1518098	1839644	1793255	14.23	cps
Silver	107-1	1953803	2048196	2487298	2163099	13.16	cps
Sodium	23-2	23869370	23918157	23887666	23891731	0.10	cps
Strontium	86-1	6439615	6544488	6602796	6528966	1.27	cps
Strontium	88-1	56135433	56869968	57249649	56751683	1.00	cps
Sulfur	34-1	431693	427827	422910	427477	1.03	cps
Terbium	159-1	12106082	12170981	12366472	12214512	1.11	cps
Terbium	159-2	7984802	7998335	7992372	7991836	0.08	cps
Thallium	203-1	3058479	3075808	3062717	3065668	0.29	cps
Thallium	205-1	7239371	7377492	7455426	7357430	1.49	cps
Tin	118-1	2883157	2923510	2991507	2932725	1.87	cps
Titanium	47-1	3325290	3364405	3398992	3362896	1.10	cps
Uranium	238-1	10232703	10373358	10495542	10367201	1.27	cps
Vanadium	51-2	1922393	1933598	1941816	1932602	0.50	cps
Yttrium	89-1	14811821	15065242	15187491	15021518	1.28	cps
Yttrium	89-2	2972759	2972988	2990887	2978878	0.35	cps
Zinc	66-2	560916	559703	562220	560946	0.22	cps
Zirconium	90-1	7974429	8111191	8141164	8075594	1.10	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-06A	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:00:22	DataFile Name :	048SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1785535	1800293	1815539	1800456	0.83	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:04:35	DataFile Name :	049CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6162932	6243646	6162543	6189707	0.75	cps
Antimony	121-1	4357849	4353085	4369942	4360292	0.20	cps
Arsenic	75-2	199082	199713	200702	199832	0.41	cps
Barium	135-1	5393164	5349402	5399470	5380679	0.51	cps
Barium	137-1	9312546	9361124	9369087	9347586	0.33	cps
Beryllium	9-1	1172707	1176143	1179818	1176222	0.30	cps
Bismuth	209-1	6732460	6742480	6726886	6733942	0.12	cps
Bismuth	209-2	5203097	5154972	5133463	5163844	0.69	cps
Boron	10-1	127004	131466	130995	129822	1.89	cps
Boron	11-1	581607	601958	606020	596528	2.19	cps
Cadmium	111-1	983627	983675	980128	982477	0.21	cps
Cadmium	106-1	107849	105927	109168	107648	1.51	cps
Cadmium	108-1	72150	72744	73251	72715	0.76	cps
Calcium	43-1	7815574	7861673	7839743	7838997	0.29	cps
Calcium	44-1	125803740	125592240	126080032	125825338	0.19	cps
Chromium	52-2	1845970	1858212	1846684	1850288	0.37	cps
Cobalt	59-2	2700270	2710077	2714295	2708214	0.27	cps
Copper	63-2	3610322	3631941	3622581	3621615	0.30	cps
Dysprosium	156-1	142	167	42	117	56.69	cps
Dysprosium	156-2	123	113	157	131	17.30	cps
Erbium	164-1	92	108	83	94	13.48	cps
Erbium	164-2	43	40	60	48	22.43	cps
Gadolinium	160-1	125	100	108	111	11.46	cps
Gadolinium	160-2	183	257	187	209	19.82	cps
Holmium	165-1	12857603	12903000	12696883	12819162	0.84	cps
Holmium	165-2	8685531	8619623	8674453	8659869	0.41	cps
Indium	115-1	10198668	10186520	10121370	10168852	0.41	cps
Indium	115-2	2732902	2740601	2755984	2743162	0.43	cps
Iron	56-2	367553675	370221786	368626019	368800493	0.36	cps
Iron	57-2	9067061	9044768	9084114	9065315	0.22	cps
Lead	206-1	2874706	2897336	2883552	2885198	0.40	cps
Lead	207-1	2548612	2544590	2546388	2546530	0.08	cps
Lead	208-1	11417003	11506542	11501730	11475092	0.44	cps
Lithium	6-1	3665870	3646520	3660260	3657550	0.27	cps
Magnesium	24-2	67867291	68590697	68092329	68183439	0.54	cps
Manganese	55-2	2066974	2089686	2096936	2084532	0.75	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:04:35	DataFile Name :	049CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9401605	9421485	9450522	9424537	0.26	cps
Molybdenum	95-1	11629533	11705574	11695563	11676890	0.35	cps
Molybdenum	96-1	12868142	12942732	12886525	12899133	0.30	cps
Molybdenum	97-1	7234231	7262002	7236327	7244187	0.21	cps
Molybdenum	98-1	18551154	18510600	18558659	18540138	0.14	cps
Neodymium	150-1	293	280	367	313	14.89	cps
Neodymium	150-2	73	80	63	72	11.62	cps
Nickel	60-2	700715	704413	705431	703520	0.35	cps
Phosphorus	31-2	66038	66389	65360	65929	0.79	cps
Potassium	39-2	35963274	36245922	35960896	36056697	0.45	cps
Rhodium	103-1	9491014	9411172	9407984	9436723	0.50	cps
Rhodium	103-2	5485986	5413917	5448445	5449449	0.66	cps
Scandium	45-1	8063453	8031844	8026257	8040518	0.25	cps
Scandium	45-2	436781	438705	435029	436838	0.42	cps
Selenium	77-2	4164	4381	4374	4306	2.86	cps
Selenium	78-2	14472	14606	14329	14469	0.95	cps
Selenium	82-1	67575	67907	67690	67724	0.25	cps
Silicon	28-1	4019866	4072586	4102228	4064893	1.03	cps
Silver	109-1	4765104	4751098	4786127	4767443	0.37	cps
Silver	107-1	5021455	5022247	5079311	5041004	0.66	cps
Sodium	23-2	127999799	128834761	128764203	128532921	0.36	cps
Strontium	86-1	1483153	1501159	1498615	1494309	0.65	cps
Strontium	88-1	12938165	12993729	13053127	12995007	0.44	cps
Sulfur	34-1	783103	784020	784007	783710	0.07	cps
Terbium	159-1	13405776	13316499	13339970	13354082	0.35	cps
Terbium	159-2	8552848	8509636	8565863	8542782	0.34	cps
Thallium	203-1	3493737	3563482	3519208	3525475	1.00	cps
Thallium	205-1	8449182	8532154	8405259	8462199	0.76	cps
Tin	118-1	3443591	3430542	3420630	3431588	0.34	cps
Titanium	47-1	3685141	3691763	3714094	3696999	0.41	cps
Uranium	238-1	11693968	11790703	11815104	11766592	0.54	cps
Vanadium	51-2	1520205	1544029	1539031	1534422	0.82	cps
Yttrium	89-1	11918201	11923920	11941418	11927846	0.10	cps
Yttrium	89-2	2292513	2288991	2304494	2295332	0.35	cps
Zinc	66-2	504728	505445	506025	505399	0.13	cps
Zirconium	90-1	8035354	8059238	8013693	8036095	0.28	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:04:35	DataFile Name :	049CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1786729	1792560	1789201	1789497	0.16	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:18:39	DataFile Name :	050CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	208	150	161	26.54	cps
Antimony	121-1	1383	1283	1425	1364	5.34	cps
Arsenic	75-2	22	13	7	14	52.70	cps
Barium	135-1	83	75	108	89	19.52	cps
Barium	137-1	175	150	258	194	29.17	cps
Beryllium	9-1	122	150	144	139	10.58	cps
Bismuth	209-1	7370948	7343641	7392022	7368870	0.33	cps
Bismuth	209-2	5702217	5656349	5670862	5676476	0.41	cps
Boron	10-1	1959	2159	2075	2064	4.87	cps
Boron	11-1	10037	9870	9545	9817	2.55	cps
Cadmium	111-1	2049	2016	2111	2058	2.36	cps
Cadmium	106-1	2909	2850	3017	2925	2.89	cps
Cadmium	108-1	0	13	25	13	100.00	cps
Calcium	43-1	508	550	442	500	10.93	cps
Calcium	44-1	28796	27961	28128	28295	1.56	cps
Chromium	52-2	423	397	490	437	11.01	cps
Cobalt	59-2	110	67	100	92	24.60	cps
Copper	63-2	887	760	793	813	8.07	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	23	13	10	16	44.60	cps
Gadolinium	160-1	92	75	50	72	29.04	cps
Gadolinium	160-2	170	203	187	187	8.93	cps
Holmium	165-1	12996200	12999573	12984626	12993466	0.06	cps
Holmium	165-2	8780513	8735299	8696163	8737325	0.48	cps
Indium	115-1	10837438	10805415	10818594	10820482	0.15	cps
Indium	115-2	2825762	2841825	2842578	2836722	0.33	cps
Iron	56-2	9070	8558	8681	8769	3.05	cps
Iron	57-2	700	556	556	604	13.81	cps
Lead	206-1	678	728	611	672	8.71	cps
Lead	207-1	622	556	617	598	6.18	cps
Lead	208-1	2856	2622	2622	2700	4.99	cps
Lithium	6-1	3889309	3907103	3891706	3896039	0.25	cps
Magnesium	24-2	917	817	733	822	11.16	cps
Manganese	55-2	117	107	117	113	5.09	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:18:39	DataFile Name :	050CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	683	667	692	4.34	cps
Molybdenum	95-1	358	383	442	394	10.84	cps
Molybdenum	96-1	642	517	450	536	18.15	cps
Molybdenum	97-1	258	292	242	264	9.65	cps
Molybdenum	98-1	742	592	658	664	11.32	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	80	43	60	61	30.04	cps
Phosphorus	31-2	175	150	183	169	10.24	cps
Potassium	39-2	37005	35903	36337	36415	1.53	cps
Rhodium	103-1	10505508	10474452	10423511	10467824	0.40	cps
Rhodium	103-2	6038219	6036391	6033826	6036145	0.04	cps
Scandium	45-1	8329023	8310925	8332076	8324008	0.14	cps
Scandium	45-2	438137	442427	435278	438614	0.82	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	76	135	115	109	27.71	cps
Selenium	82-1	2013	1917	1778	1903	6.21	cps
Silicon	28-1	320219	318058	318942	319073	0.34	cps
Silver	109-1	667	542	542	583	12.37	cps
Silver	107-1	508	567	575	550	6.60	cps
Sodium	23-2	20248	19463	19964	19892	2.00	cps
Strontium	86-1	692	692	583	656	9.54	cps
Strontium	88-1	483	500	425	469	8.39	cps
Sulfur	34-1	352577	348474	351276	350776	0.60	cps
Terbium	159-1	13552226	13563036	13531916	13549059	0.12	cps
Terbium	159-2	8688198	8696617	8679087	8687968	0.10	cps
Thallium	203-1	358	267	375	333	17.50	cps
Thallium	205-1	842	892	967	900	6.99	cps
Tin	118-1	1058	1125	967	1050	7.57	cps
Titanium	47-1	192	183	167	181	7.05	cps
Uranium	238-1	217	142	125	161	30.31	cps
Vanadium	51-2	30	33	20	28	24.98	cps
Yttrium	89-1	12366509	12322587	12298500	12329199	0.28	cps
Yttrium	89-2	2309039	2306926	2306646	2307537	0.06	cps
Zinc	66-2	267	347	280	298	14.39	cps
Zirconium	90-1	1183	1225	1375	1261	7.99	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:18:39	DataFile Name :	050CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	317	200	272	23.18	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-10 Instrumnet Name : P7
 Client Sample ID : WP021SB476-31-33-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:22:12 DataFile Name : 051SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10712224	10555287	10669901	10645804	0.76	cps
Antimony	121-1	1625	1383	1759	1589	11.96	cps
Arsenic	75-2	17568	17570	17296	17478	0.90	cps
Barium	135-1	855395	866535	861633	861188	0.65	cps
Barium	137-1	1487528	1510825	1512900	1503751	0.94	cps
Beryllium	9-1	16493	16654	15953	16367	2.24	cps
Bismuth	209-1	5942786	6083210	6080289	6035428	1.33	cps
Bismuth	209-2	4600835	4616182	4603646	4606888	0.18	cps
Boron	10-1	19880	20323	21240	20481	3.39	cps
Boron	11-1	93278	93731	97195	94735	2.26	cps
Cadmium	111-1	8535	8597	9066	8732	3.32	cps
Cadmium	106-1	6777	6894	7135	6935	2.64	cps
Cadmium	108-1	1300	1221	1192	1238	4.53	cps
Calcium	43-1	54073235	54658862	54732947	54488348	0.66	cps
Calcium	44-1	869978553	877926153	879188553	875697753	0.57	cps
Chromium	52-2	6515548	6480248	6488950	6494916	0.28	cps
Cobalt	59-2	192181	192630	193791	192867	0.43	cps
Copper	63-2	289311	288971	290452	289578	0.27	cps
Dysprosium	156-1	286479	290633	292718	289943	1.10	cps
Dysprosium	156-2	196946	197081	197327	197118	0.10	cps
Erbium	164-1	258872	263136	262819	261609	0.91	cps
Erbium	164-2	172607	171723	171689	172006	0.30	cps
Gadolinium	160-1	270667	277262	279553	275827	1.67	cps
Gadolinium	160-2	197374	197939	198169	197828	0.21	cps
Holmium	165-1	11680111	12011126	11909100	11866779	1.43	cps
Holmium	165-2	8029513	7958837	7950874	7979741	0.54	cps
Indium	115-1	9074139	9196907	9198572	9156539	0.78	cps
Indium	115-2	2478615	2473395	2492672	2481560	0.40	cps
Iron	56-2	272084595	270940573	271735089	271586752	0.22	cps
Iron	57-2	6963168	6939884	6929712	6944254	0.25	cps
Lead	206-1	564936	579796	580588	575106	1.53	cps
Lead	207-1	447732	460503	456939	455058	1.45	cps
Lead	208-1	2123282	2175486	2176456	2158408	1.41	cps
Lithium	6-1	3328184	3369857	3368463	3355501	0.71	cps
Magnesium	24-2	7908531	7885554	7899249	7897778	0.15	cps
Manganese	55-2	3627373	3641000	3630410	3632928	0.20	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-10 Instrumnet Name : P7
 Client Sample ID : WP021SB476-31-33-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:22:12 DataFile Name : 051SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	424011	435211	429859	429694	1.30	cps
Molybdenum	95-1	3534	3342	3242	3373	4.40	cps
Molybdenum	96-1	75642	75634	76471	75916	0.63	cps
Molybdenum	97-1	2042	2034	2050	2042	0.41	cps
Molybdenum	98-1	5101	5426	4876	5134	5.39	cps
Neodymium	150-1	472075	475734	478666	475492	0.69	cps
Neodymium	150-2	248452	250553	249013	249339	0.44	cps
Nickel	60-2	134672	132640	133585	133632	0.76	cps
Phosphorus	31-2	33179	33121	34123	33475	1.68	cps
Potassium	39-2	6780477	6753566	6790865	6774969	0.28	cps
Rhodium	103-1	8214228	8321979	8283988	8273398	0.66	cps
Rhodium	103-2	4803105	4813519	4837990	4818205	0.37	cps
Scandium	45-1	7817938	7904793	7887688	7870140	0.58	cps
Scandium	45-2	420800	423318	425538	423219	0.56	cps
Selenium	77-2	840	827	790	819	3.16	cps
Selenium	78-2	722	670	654	682	5.24	cps
Selenium	82-1	2481	2443	2394	2439	1.80	cps
Silicon	28-1	104126275	105151194	105910902	105062791	0.85	cps
Silver	109-1	2484	2667	2750	2634	5.18	cps
Silver	107-1	3401	3409	3451	3420	0.78	cps
Sodium	23-2	1150550	1151026	1152309	1151295	0.08	cps
Strontium	86-1	5642106	5743298	5721316	5702240	0.93	cps
Strontium	88-1	48891235	49913817	49974273	49593108	1.23	cps
Sulfur	34-1	407789	404959	399473	404074	1.05	cps
Terbium	159-1	12141519	12334461	12341715	12272565	0.93	cps
Terbium	159-2	7929003	7831461	7906142	7888869	0.65	cps
Thallium	203-1	11064	10613	10938	10872	2.14	cps
Thallium	205-1	26494	26686	27204	26795	1.37	cps
Tin	118-1	5776	5876	6177	5943	3.50	cps
Titanium	47-1	171941	170002	171847	171263	0.64	cps
Uranium	238-1	212812	215969	218946	215909	1.42	cps
Vanadium	51-2	534118	537393	537005	536172	0.33	cps
Yttrium	89-1	14890681	15133747	15029056	15017828	0.81	cps
Yttrium	89-2	2876637	2884303	2901195	2887378	0.44	cps
Zinc	66-2	150125	149796	151065	150328	0.44	cps
Zirconium	90-1	1170911	1191353	1188881	1183715	0.94	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-10	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-31-33-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:22:12	DataFile Name :	051SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	262899	266600	264509	264670	0.70	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-11 Instrumnet Name : P7
 Client Sample ID : WP021SB476-33-35-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:25:52 DataFile Name : 052SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10094888	10170759	10034470	10100039	0.68	cps
Antimony	121-1	1250	1117	1333	1233	8.86	cps
Arsenic	75-2	12472	12461	12357	12430	0.51	cps
Barium	135-1	893076	885566	890002	889548	0.42	cps
Barium	137-1	1551256	1545819	1549792	1548956	0.18	cps
Beryllium	9-1	17171	16648	17077	16965	1.64	cps
Bismuth	209-1	5954840	6010974	5993962	5986592	0.48	cps
Bismuth	209-2	4638091	4658992	5085738	4794274	5.27	cps
Boron	10-1	18570	18704	18487	18587	0.59	cps
Boron	11-1	84133	85273	85516	84974	0.87	cps
Cadmium	111-1	8935	8886	8422	8748	3.24	cps
Cadmium	106-1	6919	6610	6477	6669	3.40	cps
Cadmium	108-1	1067	1125	1208	1133	6.28	cps
Calcium	43-1	66619772	66713495	67236639	66856636	0.50	cps
Calcium	44-1	1071702891	1076843624	1089156024	1079234180	0.83	cps
Chromium	52-2	834842	840795	832782	836139	0.50	cps
Cobalt	59-2	275870	277528	277085	276827	0.31	cps
Copper	63-2	269671	270363	270718	270251	0.20	cps
Dysprosium	156-1	296364	296119	300102	297528	0.75	cps
Dysprosium	156-2	200411	203106	200925	201481	0.71	cps
Erbium	164-1	267441	266838	269310	267863	0.48	cps
Erbium	164-2	173595	172492	174790	173626	0.66	cps
Gadolinium	160-1	283150	283340	285601	284030	0.48	cps
Gadolinium	160-2	201960	200963	201538	201487	0.25	cps
Holmium	165-1	11865050	11964030	11895383	11908154	0.43	cps
Holmium	165-2	8090140	8113806	8868070	8357339	5.29	cps
Indium	115-1	9089012	9303702	9263737	9218817	1.24	cps
Indium	115-2	2516231	2544611	2805804	2622215	6.09	cps
Iron	56-2	247710783	247374972	246031861	247039206	0.36	cps
Iron	57-2	6380357	6416660	6373591	6390203	0.36	cps
Lead	206-1	632856	632280	636431	633856	0.35	cps
Lead	207-1	501145	501745	504597	502496	0.37	cps
Lead	208-1	2379753	2379501	2391422	2383559	0.29	cps
Lithium	6-1	3322856	3363141	3358077	3348025	0.66	cps
Magnesium	24-2	8293302	8288525	8283946	8288591	0.06	cps
Manganese	55-2	3912004	3950307	3915202	3925837	0.54	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3664-11 Instrumnet Name : P7
 Client Sample ID : WP021SB476-33-35-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:25:52 DataFile Name : 052SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	364513	363814	367587	365305	0.55	cps
Molybdenum	95-1	1675	1483	1517	1558	6.57	cps
Molybdenum	96-1	64087	64295	62512	63631	1.53	cps
Molybdenum	97-1	950	975	1067	997	6.16	cps
Molybdenum	98-1	2225	2209	2492	2309	6.89	cps
Neodymium	150-1	481080	480887	482872	481613	0.23	cps
Neodymium	150-2	252152	252627	251982	252253	0.13	cps
Nickel	60-2	115020	115339	115665	115341	0.28	cps
Phosphorus	31-2	33990	34616	36003	34870	2.95	cps
Potassium	39-2	6574061	6637303	6606068	6605811	0.48	cps
Rhodium	103-1	8221038	8311467	8297819	8276774	0.59	cps
Rhodium	103-2	4824093	4878959	5302224	5001758	5.23	cps
Scandium	45-1	7891171	7970424	8026254	7962616	0.85	cps
Scandium	45-2	429913	436066	471889	445956	5.08	cps
Selenium	77-2	810	830	903	848	5.80	cps
Selenium	78-2	702	648	706	685	4.69	cps
Selenium	82-1	2380	2453	2414	2416	1.52	cps
Silicon	28-1	138867320	139203441	139665653	139245471	0.29	cps
Silver	109-1	2000	2009	2309	2106	8.34	cps
Silver	107-1	2684	3092	2975	2917	7.21	cps
Sodium	23-2	1396975	1395745	1392623	1395114	0.16	cps
Strontium	86-1	6149440	6161741	6207015	6172732	0.49	cps
Strontium	88-1	53310601	53569891	54155572	53678688	0.81	cps
Sulfur	34-1	427356	425530	432516	428467	0.85	cps
Terbium	159-1	12198299	12413261	12398797	12336786	0.97	cps
Terbium	159-2	7980266	8001446	8752435	8244716	5.33	cps
Thallium	203-1	10096	10046	10046	10063	0.29	cps
Thallium	205-1	24115	24632	25250	24666	2.30	cps
Tin	118-1	8428	9078	8386	8631	4.50	cps
Titanium	47-1	148599	152618	150308	150508	1.34	cps
Uranium	238-1	215995	213290	212743	214010	0.81	cps
Vanadium	51-2	411309	413822	411840	412324	0.32	cps
Yttrium	89-1	15102616	15337059	15424699	15288124	1.09	cps
Yttrium	89-2	2962672	3012883	3188823	3054793	3.89	cps
Zinc	66-2	138347	139896	139508	139250	0.58	cps
Zirconium	90-1	1004319	1010825	1011167	1008770	0.38	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3664-11	Instrumnet Name :	P7
Client Sample ID :	WP021SB476-33-35-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:25:52	DataFile Name :	052SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	223636	226396	226022	225351	0.66	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-19 Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:29:31 DataFile Name : 053SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8811190	8826103	8751638	8796310	0.45	cps
Antimony	121-1	2400	2350	2450	2400	2.08	cps
Arsenic	75-2	12207	12068	12189	12155	0.62	cps
Barium	135-1	957200	953666	955148	955338	0.19	cps
Barium	137-1	1641430	1664669	1663015	1656371	0.78	cps
Beryllium	9-1	13840	14062	13996	13966	0.82	cps
Bismuth	209-1	5904240	5966563	5994667	5955157	0.78	cps
Bismuth	209-2	4611182	4612674	4628296	4617384	0.21	cps
Boron	10-1	8294	8428	8419	8380	0.89	cps
Boron	11-1	39110	39318	39552	39327	0.56	cps
Cadmium	111-1	9334	9642	9531	9502	1.64	cps
Cadmium	106-1	7969	7894	7969	7944	0.55	cps
Cadmium	108-1	1625	1675	1533	1611	4.46	cps
Calcium	43-1	69415062	70112604	70281549	69936405	0.66	cps
Calcium	44-1	1125547158	1133884859	1131169159	1130200392	0.38	cps
Chromium	52-2	1945450	1943038	1941640	1943376	0.10	cps
Cobalt	59-2	173529	173141	173637	173435	0.15	cps
Copper	63-2	199827	200427	201327	200527	0.38	cps
Dysprosium	156-1	271694	273077	270359	271710	0.50	cps
Dysprosium	156-2	182160	184354	184165	183560	0.66	cps
Erbium	164-1	246454	244912	249671	247012	0.98	cps
Erbium	164-2	162273	162070	164549	162964	0.84	cps
Gadolinium	160-1	258866	257816	259234	258639	0.28	cps
Gadolinium	160-2	185299	185050	185394	185248	0.10	cps
Holmium	165-1	11718953	11809469	11851142	11793188	0.57	cps
Holmium	165-2	8106395	8043966	8067619	8072660	0.39	cps
Indium	115-1	9048010	9248181	9199674	9165288	1.14	cps
Indium	115-2	2539435	2548436	2524124	2537332	0.48	cps
Iron	56-2	209377094	209050766	208980888	209136249	0.10	cps
Iron	57-2	5477113	5478083	5453571	5469589	0.25	cps
Lead	206-1	539084	542208	541376	540889	0.30	cps
Lead	207-1	430375	427643	431287	429768	0.44	cps
Lead	208-1	2030966	2028943	2042909	2034273	0.37	cps
Lithium	6-1	3270511	3296012	3303139	3289888	0.52	cps
Magnesium	24-2	7801734	7768355	7689676	7753255	0.74	cps
Manganese	55-2	9376000	9379129	9350829	9368653	0.17	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-19	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:29:31	DataFile Name :	053SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	587064	588720	593825	589870	0.60	cps
Molybdenum	95-1	1642	1742	1634	1672	3.60	cps
Molybdenum	96-1	99882	101426	99890	100399	0.89	cps
Molybdenum	97-1	750	1158	825	911	23.86	cps
Molybdenum	98-1	2367	2325	2600	2431	6.10	cps
Neodymium	150-1	433884	437508	434360	435250	0.45	cps
Neodymium	150-2	230853	229220	229821	229965	0.36	cps
Nickel	60-2	119159	120056	118739	119318	0.56	cps
Phosphorus	31-2	40205	38818	40306	39776	2.09	cps
Potassium	39-2	6507101	6531271	6484851	6507741	0.36	cps
Rhodium	103-1	8167052	8247517	8296820	8237130	0.80	cps
Rhodium	103-2	4816491	4818486	4816341	4817106	0.02	cps
Scandium	45-1	7754274	7841515	7843252	7813014	0.65	cps
Scandium	45-2	428604	428766	429223	428864	0.07	cps
Selenium	77-2	810	753	790	784	3.66	cps
Selenium	78-2	604	704	676	661	7.81	cps
Selenium	82-1	2355	2542	2501	2466	3.99	cps
Silicon	28-1	18821756	19176100	18858407	18952088	1.03	cps
Silver	109-1	1533	1283	1375	1397	9.05	cps
Silver	107-1	2392	2717	2417	2509	7.21	cps
Sodium	23-2	647512	649402	652479	649797	0.39	cps
Strontium	86-1	6543617	6607420	6633448	6594828	0.70	cps
Strontium	88-1	56995385	57520749	57566064	57360733	0.55	cps
Sulfur	34-1	467800	467262	466246	467103	0.17	cps
Terbium	159-1	12094046	12228970	12327106	12216707	0.96	cps
Terbium	159-2	7935544	7945181	7931612	7937446	0.09	cps
Thallium	203-1	8620	8303	8361	8428	2.00	cps
Thallium	205-1	21084	21218	20500	20934	1.82	cps
Tin	118-1	1592	1542	1233	1456	13.33	cps
Titanium	47-1	32028	33233	31411	32224	2.87	cps
Uranium	238-1	270412	271176	271520	271036	0.21	cps
Vanadium	51-2	395797	398982	401215	398665	0.68	cps
Yttrium	89-1	14761236	14914962	14935276	14870491	0.64	cps
Yttrium	89-2	2914583	2919517	2901399	2911833	0.32	cps
Zinc	66-2	101785	100856	101738	101459	0.52	cps
Zirconium	90-1	1629754	1632848	1641484	1634695	0.37	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-19	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:29:31	DataFile Name :	053SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	363047	363414	362623	363028	0.11	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-20 Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:33:09 DataFile Name : 054SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15988740	15971837	16056736	16005771	0.28	cps
Antimony	121-1	89803	91078	89887	90256	0.79	cps
Arsenic	75-2	178810	178811	180531	179384	0.55	cps
Barium	135-1	5504043	5490474	5492606	5495708	0.13	cps
Barium	137-1	9514381	9558596	9628241	9567073	0.60	cps
Beryllium	9-1	951973	947822	955274	951689	0.39	cps
Bismuth	209-1	5660653	5713020	5816686	5730120	1.39	cps
Bismuth	209-2	4450853	4487893	4547683	4495476	1.09	cps
Boron	10-1	88181	93387	95173	92247	3.94	cps
Boron	11-1	416977	430848	439164	428996	2.61	cps
Cadmium	111-1	799054	796295	801445	798931	0.32	cps
Cadmium	106-1	91730	92140	93180	92350	0.81	cps
Cadmium	108-1	59587	59583	58872	59347	0.69	cps
Calcium	43-1	64798620	65454310	65382062	65211664	0.55	cps
Calcium	44-1	1050217923	1054876457	1055869290	1053654557	0.29	cps
Chromium	52-2	3334427	3337599	3351403	3341143	0.27	cps
Cobalt	59-2	2381804	2401973	2397175	2393650	0.44	cps
Copper	63-2	3084350	3106064	3101629	3097348	0.37	cps
Dysprosium	156-1	262898	261934	262033	262289	0.20	cps
Dysprosium	156-2	178002	180784	179785	179524	0.78	cps
Erbium	164-1	234915	235050	238679	236214	0.90	cps
Erbium	164-2	156449	156122	157360	156644	0.41	cps
Gadolinium	160-1	248904	246027	250913	248615	0.99	cps
Gadolinium	160-2	179697	180726	178995	179806	0.48	cps
Holmium	165-1	11244757	11404230	11596546	11415177	1.54	cps
Holmium	165-2	7782416	7875873	7925419	7861236	0.92	cps
Indium	115-1	8554742	8775451	8880643	8736945	1.90	cps
Indium	115-2	2441095	2466419	2500312	2469275	1.20	cps
Iron	56-2	388004486	387703931	388893164	388200527	0.16	cps
Iron	57-2	9850217	9881222	9842513	9857984	0.21	cps
Lead	206-1	2950249	2953687	2948218	2950718	0.09	cps
Lead	207-1	2489685	2493782	2508827	2497431	0.40	cps
Lead	208-1	11499300	11456825	11541929	11499351	0.37	cps
Lithium	6-1	3012319	3041598	3066534	3040150	0.89	cps
Magnesium	24-2	21167736	21150713	21215263	21177904	0.16	cps
Manganese	55-2	9783748	9790803	9773617	9782722	0.09	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-20	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:33:09	DataFile Name :	054SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6730476	6804331	6818454	6784421	0.70	cps
Molybdenum	95-1	6694491	6775237	6806548	6758758	0.86	cps
Molybdenum	96-1	7634565	7720788	7765078	7706810	0.86	cps
Molybdenum	97-1	4181460	4192521	4219528	4197836	0.47	cps
Molybdenum	98-1	10756441	10819796	10835914	10804050	0.39	cps
Neodymium	150-1	423621	423101	426059	424260	0.37	cps
Neodymium	150-2	225083	227259	229326	227223	0.93	cps
Nickel	60-2	699508	700654	704196	701453	0.35	cps
Phosphorus	31-2	40356	41350	39771	40492	1.97	cps
Potassium	39-2	14821012	14710632	14827174	14786273	0.44	cps
Rhodium	103-1	7655272	7850655	7959545	7821824	1.97	cps
Rhodium	103-2	4588906	4641925	4693145	4641325	1.12	cps
Scandium	45-1	7390785	7568819	7643522	7534375	1.72	cps
Scandium	45-2	422789	424186	427968	424981	0.63	cps
Selenium	77-2	4157	4274	4107	4180	2.05	cps
Selenium	78-2	11866	11994	12172	12011	1.28	cps
Selenium	82-1	54860	54551	55142	54851	0.54	cps
Silicon	28-1	14961603	15147226	15176591	15095140	0.77	cps
Silver	109-1	2767610	2785104	2796652	2783122	0.53	cps
Silver	107-1	2896149	2912901	2925764	2911605	0.51	cps
Sodium	23-2	22533654	22459456	22472607	22488572	0.18	cps
Strontium	86-1	7713609	7748494	7769959	7744021	0.37	cps
Strontium	88-1	67095420	67655058	68027554	67592677	0.69	cps
Sulfur	34-1	434233	429652	429599	431162	0.62	cps
Terbium	159-1	11584841	11851236	11960564	11798880	1.64	cps
Terbium	159-2	7711256	7750078	7804185	7755173	0.60	cps
Thallium	203-1	3015440	3018812	3029563	3021272	0.24	cps
Thallium	205-1	7219639	7331050	7249573	7266754	0.79	cps
Tin	118-1	190311	192441	188311	190355	1.09	cps
Titanium	47-1	407939	415829	412392	412054	0.96	cps
Uranium	238-1	10362957	10433545	10435529	10410677	0.40	cps
Vanadium	51-2	1918196	1920087	1927957	1922080	0.27	cps
Yttrium	89-1	13893959	14153006	14270483	14105816	1.37	cps
Yttrium	89-2	2789391	2825493	2820690	2811858	0.70	cps
Zinc	66-2	521098	524104	525026	523410	0.39	cps
Zirconium	90-1	8190245	8211141	8264237	8221874	0.46	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-20	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:33:09	DataFile Name :	054SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1837785	1838306	1835525	1837205	0.08	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-21 Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:36:47 DataFile Name : 055SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15871476	15843304	15850390	15855057	0.09	cps
Antimony	121-1	106484	107863	107752	107366	0.71	cps
Arsenic	75-2	171236	173889	172298	172474	0.77	cps
Barium	135-1	5523960	5592787	5578122	5564956	0.65	cps
Barium	137-1	9654635	9668989	9722013	9681879	0.37	cps
Beryllium	9-1	928397	920484	927789	925557	0.48	cps
Bismuth	209-1	5752560	5769623	5825219	5782467	0.66	cps
Bismuth	209-2	4490964	4533231	4530830	4518342	0.53	cps
Boron	10-1	100038	101044	105877	102319	3.05	cps
Boron	11-1	461631	474940	484680	473750	2.44	cps
Cadmium	111-1	786217	789968	789794	788660	0.27	cps
Cadmium	106-1	90874	91730	92039	91548	0.66	cps
Cadmium	108-1	59462	58842	59503	59269	0.62	cps
Calcium	43-1	65022310	64913551	65420366	65118742	0.41	cps
Calcium	44-1	1042628857	1052289624	1055285457	1050067979	0.63	cps
Chromium	52-2	3542185	3554208	3553758	3550051	0.19	cps
Cobalt	59-2	2364774	2374791	2371644	2370403	0.22	cps
Copper	63-2	3041818	3062036	3041472	3048442	0.39	cps
Dysprosium	156-1	252399	255471	253035	253635	0.64	cps
Dysprosium	156-2	173263	174603	174701	174189	0.46	cps
Erbium	164-1	228576	231963	230482	230340	0.74	cps
Erbium	164-2	152166	153894	151768	152609	0.74	cps
Gadolinium	160-1	239605	243982	243668	242419	1.01	cps
Gadolinium	160-2	172884	175230	175724	174612	0.87	cps
Holmium	165-1	11484958	11507515	11544178	11512217	0.26	cps
Holmium	165-2	7872758	7889831	7888732	7883773	0.12	cps
Indium	115-1	8777984	8765205	8893718	8812303	0.80	cps
Indium	115-2	2460719	2477423	2470100	2469414	0.34	cps
Iron	56-2	337617385	337091119	337119796	337276100	0.09	cps
Iron	57-2	8590970	8610348	8640677	8613999	0.29	cps
Lead	206-1	2961788	2932853	2944267	2946303	0.49	cps
Lead	207-1	2486130	2486045	2494149	2488774	0.19	cps
Lead	208-1	11455718	11432511	11498262	11462164	0.29	cps
Lithium	6-1	3003323	3013367	3017621	3011437	0.24	cps
Magnesium	24-2	20668024	20609736	20613178	20630313	0.16	cps
Manganese	55-2	10823114	10797500	10807503	10809372	0.12	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-21 Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:36:47 DataFile Name : 055SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6924039	7012860	7036576	6991159	0.85	cps
Molybdenum	95-1	7072272	7186575	7209883	7156243	1.03	cps
Molybdenum	96-1	8047087	8200806	8196688	8148194	1.07	cps
Molybdenum	97-1	4434807	4475604	4471829	4460747	0.51	cps
Molybdenum	98-1	11332877	11413666	11519443	11421995	0.82	cps
Neodymium	150-1	412226	411936	410252	411471	0.26	cps
Neodymium	150-2	220085	219516	220065	219889	0.15	cps
Nickel	60-2	679740	692603	681785	684709	1.01	cps
Phosphorus	31-2	40824	40757	40472	40684	0.46	cps
Potassium	39-2	14512926	14478710	14568136	14519924	0.31	cps
Rhodium	103-1	7806716	7840276	7881732	7842908	0.48	cps
Rhodium	103-2	4621016	4685928	4645161	4650702	0.71	cps
Scandium	45-1	7527759	7535407	7603482	7555549	0.55	cps
Scandium	45-2	423461	423067	424722	423750	0.20	cps
Selenium	77-2	4024	4074	3931	4010	1.81	cps
Selenium	78-2	12014	12181	11953	12050	0.98	cps
Selenium	82-1	53885	54167	54868	54307	0.93	cps
Silicon	28-1	11285932	11488344	11407742	11394006	0.89	cps
Silver	109-1	2913526	2919501	2933689	2922239	0.35	cps
Silver	107-1	3043950	3075918	3075655	3065174	0.60	cps
Sodium	23-2	22258451	22137829	22042197	22146159	0.49	cps
Strontium	86-1	7473303	7547344	7547707	7522785	0.57	cps
Strontium	88-1	65038535	65297368	65722970	65352958	0.53	cps
Sulfur	34-1	432109	433209	436228	433849	0.49	cps
Terbium	159-1	11817670	11922721	11924404	11888265	0.51	cps
Terbium	159-2	7771012	7794806	7777113	7780977	0.16	cps
Thallium	203-1	3009131	2993628	2997019	2999926	0.27	cps
Thallium	205-1	7184727	7167168	7205259	7185718	0.27	cps
Tin	118-1	250374	252947	252633	251985	0.56	cps
Titanium	47-1	625363	617200	622572	621712	0.67	cps
Uranium	238-1	10148385	10255000	10309500	10237628	0.80	cps
Vanadium	51-2	1798242	1804044	1801538	1801275	0.16	cps
Yttrium	89-1	14027065	14021873	14106748	14051895	0.34	cps
Yttrium	89-2	2803711	2827957	2800010	2810559	0.54	cps
Zinc	66-2	515460	517822	516710	516664	0.23	cps
Zirconium	90-1	8151129	8180182	8220467	8183926	0.43	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-21	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:36:47	DataFile Name :	055SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1815315	1826296	1832947	1824853	0.49	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-19A Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:40:25 DataFile Name : 056SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15787169	15799985	15757475	15781543	0.14	cps
Antimony	121-1	104587	103060	102154	103267	1.19	cps
Arsenic	75-2	176184	175356	174086	175209	0.60	cps
Barium	135-1	5494326	5536647	5524456	5518476	0.39	cps
Barium	137-1	9546825	9590278	9602070	9579725	0.30	cps
Beryllium	9-1	923361	922203	917919	921161	0.31	cps
Bismuth	209-1	5677040	5711845	5764893	5717926	0.77	cps
Bismuth	209-2	4496361	4518070	4488941	4501124	0.34	cps
Boron	10-1	95190	97940	98864	97331	1.96	cps
Boron	11-1	444723	450144	450924	448597	0.75	cps
Cadmium	111-1	782736	784129	786746	784537	0.26	cps
Cadmium	106-1	89641	92534	90992	91056	1.59	cps
Cadmium	108-1	58880	59445	59152	59159	0.48	cps
Calcium	43-1	64193116	63942887	64894285	64343429	0.77	cps
Calcium	44-1	1031920023	1036858757	1047639357	1038806045	0.77	cps
Chromium	52-2	3404913	3408585	3417243	3410247	0.19	cps
Cobalt	59-2	2358379	2366108	2356465	2360317	0.22	cps
Copper	63-2	3049485	3049793	3042751	3047343	0.13	cps
Dysprosium	156-1	257087	254531	258559	256725	0.79	cps
Dysprosium	156-2	176155	177846	176056	176685	0.57	cps
Erbium	164-1	232618	237829	233380	234609	1.20	cps
Erbium	164-2	156001	155152	152553	154569	1.16	cps
Gadolinium	160-1	246094	247656	246747	246832	0.32	cps
Gadolinium	160-2	175436	178883	177641	177320	0.98	cps
Holmium	165-1	11334930	11387393	11539426	11420583	0.93	cps
Holmium	165-2	7931210	7909919	7828828	7889986	0.68	cps
Indium	115-1	8667717	8719952	8756617	8714762	0.51	cps
Indium	115-2	2469754	2488488	2458996	2472412	0.60	cps
Iron	56-2	364300997	362006275	361695397	362667556	0.39	cps
Iron	57-2	9189725	9184538	9189289	9187851	0.03	cps
Lead	206-1	2904313	2938111	2925387	2922604	0.58	cps
Lead	207-1	2461743	2494653	2472118	2476172	0.68	cps
Lead	208-1	11312858	11451759	11418996	11394538	0.64	cps
Lithium	6-1	2924184	2932719	2936620	2931174	0.22	cps
Magnesium	24-2	20687798	20731220	20600149	20673056	0.32	cps
Manganese	55-2	10181664	10183589	10158823	10174692	0.14	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-19A Instrumnet Name : P7
 Client Sample ID : WP021SB489-21-23-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:40:25 DataFile Name : 056SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6766628	6800847	6860116	6809197	0.69	cps
Molybdenum	95-1	6880829	6904700	6951796	6912441	0.52	cps
Molybdenum	96-1	7795065	7835469	7861176	7830570	0.43	cps
Molybdenum	97-1	4270524	4300856	4310961	4294114	0.49	cps
Molybdenum	98-1	10937890	11054553	11049732	11014058	0.60	cps
Neodymium	150-1	415790	411176	418730	415232	0.92	cps
Neodymium	150-2	222706	224701	222847	223418	0.50	cps
Nickel	60-2	685587	686942	688234	686921	0.19	cps
Phosphorus	31-2	39378	39762	39587	39576	0.49	cps
Potassium	39-2	14484389	14515134	14477581	14492368	0.14	cps
Rhodium	103-1	7712085	7743388	7806265	7753913	0.62	cps
Rhodium	103-2	4639441	4648431	4598927	4628933	0.57	cps
Scandium	45-1	7435124	7420070	7523846	7459680	0.75	cps
Scandium	45-2	424571	423643	418332	422182	0.80	cps
Selenium	77-2	4184	4141	4071	4132	1.38	cps
Selenium	78-2	11859	12051	11938	11949	0.81	cps
Selenium	82-1	53306	53894	53963	53721	0.67	cps
Silicon	28-1	16839308	16907982	17138632	16961974	0.92	cps
Silver	109-1	2846266	2851310	2870778	2856118	0.45	cps
Silver	107-1	2988139	2998854	3002462	2996485	0.25	cps
Sodium	23-2	22005198	22034791	21919340	21986443	0.27	cps
Strontium	86-1	7551098	7600446	7631123	7594222	0.53	cps
Strontium	88-1	65308622	66021691	66122591	65817635	0.67	cps
Sulfur	34-1	425974	423702	420448	423375	0.66	cps
Terbium	159-1	11719472	11768911	11907114	11798499	0.82	cps
Terbium	159-2	7792179	7812711	7727718	7777536	0.57	cps
Thallium	203-1	2992569	3005713	2992972	2997085	0.25	cps
Thallium	205-1	7069796	7169298	7197197	7145431	0.94	cps
Tin	118-1	216172	220288	215156	217205	1.25	cps
Titanium	47-1	512969	513420	521244	515878	0.90	cps
Uranium	238-1	10136435	10150190	10253967	10180197	0.63	cps
Vanadium	51-2	1856200	1856405	1849322	1853976	0.22	cps
Yttrium	89-1	13932863	13932671	14027987	13964507	0.39	cps
Yttrium	89-2	2801493	2834042	2786603	2807379	0.86	cps
Zinc	66-2	514482	516923	513728	515044	0.32	cps
Zirconium	90-1	8028529	8124203	8079199	8077310	0.59	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-19A	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-21-23-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:40:25	DataFile Name :	056SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1791001	1812573	1812256	1805277	0.68	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-22 Instrumnet Name : P7
 Client Sample ID : WP021SB489-23-25-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:44:03 DataFile Name : 057SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10448188	10358614	10256627	10354476	0.93	cps
Antimony	121-1	1592	1750	1709	1684	4.88	cps
Arsenic	75-2	16875	16695	16283	16618	1.82	cps
Barium	135-1	2331021	2348205	2356503	2345243	0.55	cps
Barium	137-1	4064360	4082646	4090731	4079246	0.33	cps
Beryllium	9-1	13784	14518	14352	14218	2.71	cps
Bismuth	209-1	5959021	6054338	6031147	6014835	0.83	cps
Bismuth	209-2	3975373	4573943	4615935	4388417	8.17	cps
Boron	10-1	10838	10471	11130	10813	3.05	cps
Boron	11-1	50719	47609	48897	49075	3.18	cps
Cadmium	111-1	9869	9567	9995	9810	2.25	cps
Cadmium	106-1	8369	8153	8286	8269	1.32	cps
Cadmium	108-1	1808	1738	1633	1727	5.10	cps
Calcium	43-1	50100402	50549566	50438564	50362844	0.46	cps
Calcium	44-1	805578785	816587085	815117952	812427940	0.74	cps
Chromium	52-2	3033565	3027659	3004249	3021824	0.51	cps
Cobalt	59-2	202365	201102	200237	201234	0.53	cps
Copper	63-2	181134	181328	181118	181193	0.06	cps
Dysprosium	156-1	295707	296099	292458	294755	0.68	cps
Dysprosium	156-2	202568	202320	201716	202202	0.22	cps
Erbium	164-1	264331	264427	263462	264074	0.20	cps
Erbium	164-2	175779	177191	175111	176027	0.60	cps
Gadolinium	160-1	280508	282556	280325	281130	0.44	cps
Gadolinium	160-2	203550	201842	203370	202921	0.46	cps
Holmium	165-1	11719735	11898825	11822220	11813594	0.76	cps
Holmium	165-2	6900019	7931616	7936146	7589260	7.87	cps
Indium	115-1	8990444	9094989	9062446	9049293	0.59	cps
Indium	115-2	2131550	2495623	2525705	2384293	9.20	cps
Iron	56-2	201841227	200423288	198632410	200298975	0.80	cps
Iron	57-2	5201016	5178197	5144799	5174671	0.55	cps
Lead	206-1	552690	557936	562003	557543	0.84	cps
Lead	207-1	441010	443249	444340	442866	0.38	cps
Lead	208-1	2088801	2106244	2113446	2102830	0.60	cps
Lithium	6-1	3018143	3028649	3034542	3027111	0.27	cps
Magnesium	24-2	7814409	7764780	7734188	7771126	0.52	cps
Manganese	55-2	7567163	7523479	7451454	7514032	0.78	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-22	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-23-25-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:44:03	DataFile Name :	057SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	586966	584546	592986	588166	0.74	cps
Molybdenum	95-1	3284	3142	3109	3178	2.92	cps
Molybdenum	96-1	102063	104018	101031	102371	1.48	cps
Molybdenum	97-1	1934	1825	1784	1847	4.19	cps
Molybdenum	98-1	4626	4643	4101	4456	6.91	cps
Neodymium	150-1	470033	470400	473498	471310	0.40	cps
Neodymium	150-2	255264	253801	254216	254427	0.30	cps
Nickel	60-2	127283	126073	125058	126138	0.88	cps
Phosphorus	31-2	35168	35802	35652	35541	0.93	cps
Potassium	39-2	7033986	6999051	6965695	6999577	0.49	cps
Rhodium	103-1	8135402	8146804	8200444	8160884	0.43	cps
Rhodium	103-2	4045537	4727279	4735523	4502780	8.79	cps
Scandium	45-1	7507854	7618267	7582424	7569515	0.74	cps
Scandium	45-2	356543	413149	414275	394656	8.36	cps
Selenium	77-2	813	723	893	810	10.50	cps
Selenium	78-2	669	652	730	683	5.99	cps
Selenium	82-1	2501	2525	2314	2447	4.72	cps
Silicon	28-1	13518900	13595515	13939547	13684654	1.64	cps
Silver	109-1	2034	1984	1900	1972	3.42	cps
Silver	107-1	3025	3192	3034	3084	3.05	cps
Sodium	23-2	595887	593550	593382	594273	0.24	cps
Strontium	86-1	5293856	5333548	5358741	5328715	0.61	cps
Strontium	88-1	46294117	46503432	46637759	46478436	0.37	cps
Sulfur	34-1	422891	419586	424163	422213	0.56	cps
Terbium	159-1	12101590	12232640	12178781	12171004	0.54	cps
Terbium	159-2	6789429	7798992	7881558	7489993	8.12	cps
Thallium	203-1	10188	10730	10196	10371	2.99	cps
Thallium	205-1	24624	25526	26202	25451	3.11	cps
Tin	118-1	1242	1367	1042	1217	13.47	cps
Titanium	47-1	22460	22543	23613	22872	2.81	cps
Uranium	238-1	250835	251500	253259	251865	0.50	cps
Vanadium	51-2	383873	379963	379753	381196	0.61	cps
Yttrium	89-1	14653423	14764712	14894542	14770892	0.82	cps
Yttrium	89-2	2613246	2900191	2923457	2812298	6.14	cps
Zinc	66-2	121178	119705	120256	120380	0.62	cps
Zirconium	90-1	1615760	1611346	1617554	1614887	0.20	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-22	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-23-25-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:44:03	DataFile Name :	057SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	359523	357967	361667	359719	0.52	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-23 Instrumnet Name : P7
 Client Sample ID : WP021SB489-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:47:41 DataFile Name : 058SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11611600	11578522	11596482	11595535	0.14	cps
Antimony	121-1	533	617	517	556	9.64	cps
Arsenic	75-2	16339	16322	16276	16312	0.20	cps
Barium	135-1	8367490	8480473	8484835	8444266	0.79	cps
Barium	137-1	14579373	14708519	14824067	14703986	0.83	cps
Beryllium	9-1	14858	15175	15542	15191	2.25	cps
Bismuth	209-1	6301729	6312548	6352881	6322386	0.43	cps
Bismuth	209-2	4847046	4962581	4976978	4928868	1.45	cps
Boron	10-1	58731	59702	62279	60237	3.04	cps
Boron	11-1	270027	276722	283603	276784	2.45	cps
Cadmium	111-1	10170	10255	10579	10335	2.09	cps
Cadmium	106-1	13449	13574	14358	13793	3.57	cps
Cadmium	108-1	1575	1638	1679	1631	3.22	cps
Calcium	43-1	12980719	13045065	13139815	13055200	0.61	cps
Calcium	44-1	208113742	210589896	211901805	210201814	0.92	cps
Chromium	52-2	3269635	3264230	3286292	3273386	0.35	cps
Cobalt	59-2	182188	182823	182476	182496	0.17	cps
Copper	63-2	93174	95057	93138	93789	1.17	cps
Dysprosium	156-1	1602579	1625959	1621098	1616545	0.76	cps
Dysprosium	156-2	1083396	1088711	1092655	1088254	0.43	cps
Erbium	164-1	1349698	1362425	1376740	1362955	0.99	cps
Erbium	164-2	898574	898444	898220	898413	0.02	cps
Gadolinium	160-1	1510083	1506680	1527717	1514827	0.75	cps
Gadolinium	160-2	1085961	1091925	1086629	1088171	0.30	cps
Holmium	165-1	12716823	12760217	12795506	12757516	0.31	cps
Holmium	165-2	8622805	8697369	8733102	8684425	0.65	cps
Indium	115-1	9220447	9372152	9326894	9306498	0.84	cps
Indium	115-2	2545234	2594869	2605627	2581910	1.25	cps
Iron	56-2	608998258	605411991	603112480	605840910	0.49	cps
Iron	57-2	14873811	14930391	14939076	14914426	0.24	cps
Lead	206-1	384396	385501	382911	384269	0.34	cps
Lead	207-1	302847	304694	301463	303001	0.53	cps
Lead	208-1	1444440	1441585	1442578	1442868	0.10	cps
Lithium	6-1	3130722	3150606	3151567	3144298	0.37	cps
Magnesium	24-2	11576954	11526858	11609932	11571248	0.36	cps
Manganese	55-2	3460716	3466391	3460103	3462403	0.10	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-23 Instrumnet Name : P7
 Client Sample ID : WP021SB489-25-27-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:47:41 DataFile Name : 058SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	704145	712211	715129	710495	0.80	cps
Molybdenum	95-1	4376	4284	4401	4354	1.41	cps
Molybdenum	96-1	125254	126944	126052	126083	0.67	cps
Molybdenum	97-1	2817	2659	2592	2689	4.30	cps
Molybdenum	98-1	6077	6627	6802	6502	5.82	cps
Neodymium	150-1	2496924	2522803	2554690	2524806	1.15	cps
Neodymium	150-2	1333346	1337637	1334002	1334995	0.17	cps
Nickel	60-2	115181	116303	115870	115785	0.49	cps
Phosphorus	31-2	588579	584931	587882	587131	0.33	cps
Potassium	39-2	15887061	15874913	15961896	15907957	0.30	cps
Rhodium	103-1	8359562	8440860	8459583	8420002	0.63	cps
Rhodium	103-2	4911593	4993030	5045249	4983290	1.35	cps
Scandium	45-1	7689654	7793763	7783356	7755591	0.74	cps
Scandium	45-2	420705	423393	423363	422487	0.37	cps
Selenium	77-2	4211	4281	4234	4242	0.84	cps
Selenium	78-2	2963	3073	3036	3024	1.84	cps
Selenium	82-1	3857	3920	3905	3894	0.85	cps
Silicon	28-1	22364852	22386948	22394633	22382144	0.07	cps
Silver	109-1	592	608	617	606	2.10	cps
Silver	107-1	1809	1925	1884	1872	3.16	cps
Sodium	23-2	4605551	4593430	4622012	4606998	0.31	cps
Strontium	86-1	5922060	5975470	5984319	5960616	0.57	cps
Strontium	88-1	51666776	51743269	51912530	51774192	0.24	cps
Sulfur	34-1	578110	579982	579685	579259	0.17	cps
Terbium	159-1	13067530	13211672	13237034	13172079	0.69	cps
Terbium	159-2	8516335	8578831	8633456	8576207	0.68	cps
Thallium	203-1	4309	3934	4284	4176	5.02	cps
Thallium	205-1	10313	10638	10013	10321	3.03	cps
Tin	118-1	7886	7627	7786	7766	1.68	cps
Titanium	47-1	234860	238353	236381	236531	0.74	cps
Uranium	238-1	962574	967969	974514	968353	0.62	cps
Vanadium	51-2	354694	357079	357058	356277	0.38	cps
Yttrium	89-1	35109745	35232690	35363435	35235290	0.36	cps
Yttrium	89-2	6832698	6832379	6868131	6844403	0.30	cps
Zinc	66-2	190735	191646	192362	191581	0.43	cps
Zirconium	90-1	1940845	1947800	1968557	1952401	0.74	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-23	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-25-27-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:47:41	DataFile Name :	058SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433149	435895	436744	435262	0.43	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-24 Instrumnet Name : P7
 Client Sample ID : WP021SB489-27-29-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:51:19 DataFile Name : 059SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11125360	11159075	11189789	11158075	0.29	cps
Antimony	121-1	383	567	567	506	20.94	cps
Arsenic	75-2	12568	12878	12546	12664	1.46	cps
Barium	135-1	1368848	1381355	1384869	1378357	0.61	cps
Barium	137-1	2401752	2384403	2396294	2394150	0.37	cps
Beryllium	9-1	15375	15058	14991	15141	1.35	cps
Bismuth	209-1	6264728	6282592	6266723	6271348	0.16	cps
Bismuth	209-2	4821726	4940249	4900345	4887440	1.23	cps
Boron	10-1	65978	68865	70356	68399	3.25	cps
Boron	11-1	315412	321415	322796	319874	1.23	cps
Cadmium	111-1	9226	8838	8982	9015	2.17	cps
Cadmium	106-1	13032	12448	12781	12753	2.30	cps
Cadmium	108-1	1429	1471	1563	1488	4.59	cps
Calcium	43-1	11424069	11595531	11588014	11535871	0.84	cps
Calcium	44-1	184744767	185935608	186098717	185593031	0.40	cps
Chromium	52-2	3017224	3049891	3041594	3036236	0.56	cps
Cobalt	59-2	133427	134785	136635	134949	1.19	cps
Copper	63-2	91863	94399	95143	93802	1.83	cps
Dysprosium	156-1	1466654	1466942	1483885	1472493	0.67	cps
Dysprosium	156-2	975001	988663	991757	985140	0.91	cps
Erbium	164-1	1240834	1250000	1251557	1247463	0.46	cps
Erbium	164-2	814411	816621	821531	817521	0.45	cps
Gadolinium	160-1	1374966	1385045	1373504	1377838	0.46	cps
Gadolinium	160-2	988457	983878	995412	989249	0.59	cps
Holmium	165-1	12450865	12647668	12585231	12561255	0.80	cps
Holmium	165-2	8513818	8710423	8592838	8605693	1.15	cps
Indium	115-1	9268618	9291405	9261742	9273921	0.17	cps
Indium	115-2	2555072	2587603	2569700	2570792	0.63	cps
Iron	56-2	545754812	547644179	548140434	547179809	0.23	cps
Iron	57-2	13444515	13447729	13498349	13463531	0.22	cps
Lead	206-1	345459	349765	348187	347804	0.63	cps
Lead	207-1	273552	275999	276647	275399	0.59	cps
Lead	208-1	1298349	1311106	1312939	1307465	0.61	cps
Lithium	6-1	3158493	3178137	3194654	3177095	0.57	cps
Magnesium	24-2	11216382	11261631	11283113	11253709	0.30	cps
Manganese	55-2	2003126	2023423	2024191	2016913	0.59	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-24 Instrumnet Name : P7
 Client Sample ID : WP021SB489-27-29-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:51:19 DataFile Name : 059SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	649509	657669	656637	654605	0.68	cps
Molybdenum	95-1	2992	3309	2784	3028	8.73	cps
Molybdenum	96-1	115305	115658	116389	115784	0.48	cps
Molybdenum	97-1	2084	2359	2150	2197	6.53	cps
Molybdenum	98-1	4434	5243	4509	4729	9.45	cps
Neodymium	150-1	2303807	2309340	2328739	2313962	0.57	cps
Neodymium	150-2	1203188	1216788	1218190	1212722	0.68	cps
Nickel	60-2	91990	93002	93200	92731	0.70	cps
Phosphorus	31-2	521687	526312	520695	522898	0.57	cps
Potassium	39-2	15542015	15736030	15720188	15666077	0.69	cps
Rhodium	103-1	8418298	8424978	8376019	8406432	0.32	cps
Rhodium	103-2	4907958	5032957	4960159	4967024	1.26	cps
Scandium	45-1	7610924	7727541	7686897	7675121	0.77	cps
Scandium	45-2	411737	421990	420023	417917	1.30	cps
Selenium	77-2	3901	4057	3887	3948	2.40	cps
Selenium	78-2	2726	2726	2804	2752	1.63	cps
Selenium	82-1	4075	3778	3704	3852	5.10	cps
Silicon	28-1	21658545	21703634	21462930	21608369	0.59	cps
Silver	109-1	442	508	633	528	18.44	cps
Silver	107-1	1517	1734	1817	1689	9.17	cps
Sodium	23-2	4676900	4684732	4675325	4678986	0.11	cps
Strontium	86-1	5270436	5276867	5325177	5290827	0.57	cps
Strontium	88-1	45886481	46239159	46274127	46133256	0.46	cps
Sulfur	34-1	518446	517619	514813	516959	0.37	cps
Terbium	159-1	12905830	13084305	12988724	12992953	0.69	cps
Terbium	159-2	8447207	8598465	8475210	8506960	0.95	cps
Thallium	203-1	3676	3867	3642	3728	3.26	cps
Thallium	205-1	8069	9596	8670	8778	8.76	cps
Tin	118-1	6594	6602	6177	6457	3.76	cps
Titanium	47-1	277423	276252	278083	277253	0.33	cps
Uranium	238-1	872102	872348	883936	876129	0.77	cps
Vanadium	51-2	378641	377537	380789	378989	0.44	cps
Yttrium	89-1	32699879	33005366	33095967	32933737	0.63	cps
Yttrium	89-2	6311567	6372958	6347873	6344133	0.49	cps
Zinc	66-2	147836	150735	150032	149534	1.01	cps
Zirconium	90-1	1781206	1810291	1824947	1805481	1.23	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-24	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-27-29-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:51:19	DataFile Name :	059SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	399448	404651	406398	403499	0.90	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-25 Instrumnet Name : P7
 Client Sample ID : WP021SB489-29-31-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 16:54:57 DataFile Name : 060SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10876683	10838250	10845396	10853443	0.19	cps
Antimony	121-1	517	617	675	603	13.28	cps
Arsenic	75-2	13605	13631	13492	13576	0.54	cps
Barium	135-1	1346956	1363919	1356433	1355769	0.63	cps
Barium	137-1	2361692	2346886	2352645	2353741	0.32	cps
Beryllium	9-1	12266	12389	12644	12433	1.55	cps
Bismuth	209-1	6673965	6398481	6395811	6489419	2.46	cps
Bismuth	209-2	4915803	4815557	4937649	4889670	1.33	cps
Boron	10-1	56882	57786	57518	57396	0.81	cps
Boron	11-1	268665	274377	274555	272533	1.23	cps
Cadmium	111-1	8523	8784	8779	8695	1.72	cps
Cadmium	106-1	12156	12298	12264	12239	0.61	cps
Cadmium	108-1	1463	1321	1425	1403	5.23	cps
Calcium	43-1	12477061	12562548	12596874	12545495	0.49	cps
Calcium	44-1	201231680	202025205	202706755	201987880	0.37	cps
Chromium	52-2	2679056	2696934	2712751	2696247	0.63	cps
Cobalt	59-2	111946	112551	112490	112329	0.30	cps
Copper	63-2	106021	107417	106914	106784	0.66	cps
Dysprosium	156-1	1422246	1424255	1429606	1425369	0.27	cps
Dysprosium	156-2	951770	956875	950088	952911	0.37	cps
Erbium	164-1	1204674	1217046	1204689	1208803	0.59	cps
Erbium	164-2	783189	783122	781446	782586	0.13	cps
Gadolinium	160-1	1333666	1352103	1343505	1343091	0.69	cps
Gadolinium	160-2	951025	956108	951027	952720	0.31	cps
Holmium	165-1	13233545	12737353	12834534	12935144	2.03	cps
Holmium	165-2	8603264	8521993	8678762	8601340	0.91	cps
Indium	115-1	9868299	9392558	9469975	9576944	2.67	cps
Indium	115-2	2557681	2524766	2604854	2562434	1.57	cps
Iron	56-2	545577379	545162401	546543079	545760953	0.13	cps
Iron	57-2	13362261	13402925	13475550	13413578	0.43	cps
Lead	206-1	456777	455301	457856	456645	0.28	cps
Lead	207-1	363505	365456	366409	365123	0.41	cps
Lead	208-1	1718048	1726791	1729470	1724770	0.35	cps
Lithium	6-1	3352388	3217489	3256015	3275297	2.12	cps
Magnesium	24-2	11133479	11126024	11131010	11130171	0.03	cps
Manganese	55-2	1334637	1336273	1340489	1337133	0.23	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-25	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-29-31-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:54:57	DataFile Name :	060SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	591115	598498	594457	594690	0.62	cps
Molybdenum	95-1	2884	3242	3217	3114	6.43	cps
Molybdenum	96-1	105850	107334	106000	106395	0.77	cps
Molybdenum	97-1	1909	2092	1825	1942	7.03	cps
Molybdenum	98-1	4676	4734	4909	4773	2.54	cps
Neodymium	150-1	2232817	2248964	2243672	2241818	0.37	cps
Neodymium	150-2	1167660	1169721	1172442	1169941	0.21	cps
Nickel	60-2	90460	91564	91819	91281	0.79	cps
Phosphorus	31-2	503760	500614	504808	503061	0.43	cps
Potassium	39-2	13560503	13570264	13629324	13586697	0.27	cps
Rhodium	103-1	8969326	8534268	8570106	8691233	2.78	cps
Rhodium	103-2	4983555	4889457	5047835	4973616	1.60	cps
Scandium	45-1	8133354	7833295	7802732	7923127	2.31	cps
Scandium	45-2	416914	413399	421801	417371	1.01	cps
Selenium	77-2	3937	3714	3977	3876	3.66	cps
Selenium	78-2	2732	2660	2732	2708	1.54	cps
Selenium	82-1	4057	3922	4287	4089	4.52	cps
Silicon	28-1	35159913	35518136	35250237	35309429	0.53	cps
Silver	109-1	733	617	750	700	10.38	cps
Silver	107-1	1767	1909	1775	1817	4.38	cps
Sodium	23-2	5377318	5375555	5383186	5378686	0.07	cps
Strontium	86-1	5488940	5543198	5561258	5531132	0.68	cps
Strontium	88-1	47794024	48335653	48282304	48137327	0.62	cps
Sulfur	34-1	507545	508381	504036	506654	0.46	cps
Terbium	159-1	13694650	13190883	13182833	13356122	2.20	cps
Terbium	159-2	8549350	8389804	8535451	8491535	1.04	cps
Thallium	203-1	5626	5226	5676	5510	4.48	cps
Thallium	205-1	13441	13174	12865	13160	2.19	cps
Tin	118-1	7627	7019	7277	7308	4.18	cps
Titanium	47-1	213818	218157	215720	215898	1.01	cps
Uranium	238-1	925018	925483	925285	925262	0.03	cps
Vanadium	51-2	363223	365975	365756	364985	0.42	cps
Yttrium	89-1	32598598	32345085	32394044	32445909	0.41	cps
Yttrium	89-2	6219404	6156219	6214142	6196588	0.57	cps
Zinc	66-2	210906	209608	211345	210620	0.43	cps
Zirconium	90-1	1629375	1646892	1641666	1639311	0.55	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-25	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-29-31-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 16:54:57	DataFile Name :	060SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	363318	368098	367825	366413	0.73	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:02:16	DataFile Name :	061CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5598053	5606990	5600961	5602001	0.08	cps
Antimony	121-1	4092890	4098490	4089525	4093635	0.11	cps
Arsenic	75-2	181422	181784	182530	181912	0.31	cps
Barium	135-1	5216193	5171593	5190397	5192728	0.43	cps
Barium	137-1	8907434	8838320	8803361	8849705	0.60	cps
Beryllium	9-1	1086939	1078330	1075285	1080185	0.56	cps
Bismuth	209-1	6437720	6492787	6394707	6441738	0.76	cps
Bismuth	209-2	4903902	4936417	4935350	4925223	0.38	cps
Boron	10-1	112390	116042	118462	115631	2.64	cps
Boron	11-1	521020	533370	540066	531485	1.82	cps
Cadmium	111-1	919443	913512	910295	914417	0.51	cps
Cadmium	106-1	99112	99070	99641	99274	0.32	cps
Cadmium	108-1	68205	67774	67251	67743	0.71	cps
Calcium	43-1	7104899	7132669	7081182	7106250	0.36	cps
Calcium	44-1	114468815	114370773	113866523	114235371	0.28	cps
Chromium	52-2	1660539	1664934	1672272	1665915	0.36	cps
Cobalt	59-2	2447762	2465784	2457119	2456888	0.37	cps
Copper	63-2	3253611	3298504	3280596	3277570	0.69	cps
Dysprosium	156-1	167	133	92	131	28.78	cps
Dysprosium	156-2	107	117	90	104	12.90	cps
Erbium	164-1	92	83	58	78	22.30	cps
Erbium	164-2	47	50	40	46	11.18	cps
Gadolinium	160-1	125	142	192	153	22.71	cps
Gadolinium	160-2	267	257	223	249	9.12	cps
Holmium	165-1	12360111	12450165	12088727	12299667	1.53	cps
Holmium	165-2	8250062	8305109	8320296	8291822	0.45	cps
Indium	115-1	9546504	9639961	9536034	9574166	0.60	cps
Indium	115-2	2564123	2598223	2614235	2592193	0.99	cps
Iron	56-2	332465596	336054352	333712252	334077400	0.55	cps
Iron	57-2	8180975	8230483	8177202	8196220	0.36	cps
Lead	206-1	2752589	2725062	2739450	2739034	0.50	cps
Lead	207-1	2433737	2408601	2437506	2426614	0.65	cps
Lead	208-1	10942567	10843044	10909839	10898483	0.47	cps
Lithium	6-1	3304184	3302066	3284718	3296990	0.32	cps
Magnesium	24-2	61651870	61806622	61934553	61797682	0.23	cps
Manganese	55-2	1882426	1897669	1896031	1892042	0.44	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:02:16	DataFile Name :	061CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8713798	8789770	8733600	8745723	0.45	cps
Molybdenum	95-1	10821104	10824511	10764715	10803443	0.31	cps
Molybdenum	96-1	11946929	11927873	11886619	11920474	0.26	cps
Molybdenum	97-1	6714809	6681825	6695708	6697448	0.25	cps
Molybdenum	98-1	17241072	17228618	17134792	17201494	0.34	cps
Neodymium	150-1	213	307	247	256	18.51	cps
Neodymium	150-2	83	93	60	79	21.69	cps
Nickel	60-2	633910	638542	635162	635871	0.38	cps
Phosphorus	31-2	58248	59979	59101	59109	1.46	cps
Potassium	39-2	32530380	32535593	32367842	32477939	0.29	cps
Rhodium	103-1	8834621	8912591	8749775	8832329	0.92	cps
Rhodium	103-2	5071529	5120137	5139699	5110455	0.69	cps
Scandium	45-1	7445648	7444741	7408878	7433089	0.28	cps
Scandium	45-2	400655	400945	399674	400425	0.17	cps
Selenium	77-2	3887	3777	3897	3854	1.73	cps
Selenium	78-2	12793	13049	13076	12973	1.20	cps
Selenium	82-1	62418	62506	62463	62462	0.07	cps
Silicon	28-1	3667598	3695122	3738483	3700401	0.97	cps
Silver	109-1	4442771	4420578	4430945	4431431	0.25	cps
Silver	107-1	4661272	4671971	4658550	4663931	0.15	cps
Sodium	23-2	116208169	116157232	116097373	116154258	0.05	cps
Strontium	86-1	1376652	1390195	1387442	1384763	0.52	cps
Strontium	88-1	12106114	12117453	12046521	12090029	0.32	cps
Sulfur	34-1	726672	718805	727349	724275	0.66	cps
Terbium	159-1	12693544	12876789	12551889	12707407	1.28	cps
Terbium	159-2	8088252	8167662	8206461	8154125	0.74	cps
Thallium	203-1	3359252	3337398	3320114	3338921	0.59	cps
Thallium	205-1	8040267	8012327	8010387	8020994	0.21	cps
Tin	118-1	3224369	3240177	3203794	3222780	0.57	cps
Titanium	47-1	3398002	3371538	3357845	3375795	0.60	cps
Uranium	238-1	11113712	11021842	11125378	11086978	0.51	cps
Vanadium	51-2	1395426	1399412	1388087	1394308	0.41	cps
Yttrium	89-1	11153509	11276096	11119992	11183199	0.73	cps
Yttrium	89-2	2133922	2154285	2155697	2147968	0.57	cps
Zinc	66-2	456283	457874	458714	457624	0.27	cps
Zirconium	90-1	7442914	7443541	7435668	7440708	0.06	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:02:16	DataFile Name :	061CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1657082	1654794	1657192	1656356	0.08	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:07:55	DataFile Name :	062CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	383	325	350	8.59	cps
Antimony	121-1	3092	3276	3009	3125	4.37	cps
Arsenic	75-2	20	17	30	22	30.04	cps
Barium	135-1	408	258	225	297	32.86	cps
Barium	137-1	575	467	475	506	11.92	cps
Beryllium	9-1	294	217	222	244	17.75	cps
Bismuth	209-1	7093128	7127000	7123513	7114547	0.26	cps
Bismuth	209-2	5472492	5491181	5507979	5490551	0.32	cps
Boron	10-1	3884	3626	3584	3698	4.40	cps
Boron	11-1	17102	16201	16184	16496	3.18	cps
Cadmium	111-1	2131	2134	2029	2098	2.86	cps
Cadmium	106-1	2967	2992	2825	2928	3.07	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	567	583	592	581	2.19	cps
Calcium	44-1	29656	28871	28888	29138	1.54	cps
Chromium	52-2	463	440	387	430	9.14	cps
Cobalt	59-2	167	153	160	160	4.17	cps
Copper	63-2	727	747	807	760	5.48	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	75	42	75	64	30.12	cps
Erbium	164-2	23	23	23	23	0.00	cps
Gadolinium	160-1	75	150	50	92	56.78	cps
Gadolinium	160-2	257	153	207	206	25.14	cps
Holmium	165-1	12686467	12523313	12514884	12574888	0.77	cps
Holmium	165-2	8455785	8457451	8388460	8433899	0.47	cps
Indium	115-1	10291468	10226977	10293025	10270490	0.37	cps
Indium	115-2	2745223	2762204	2767103	2758177	0.42	cps
Iron	56-2	21333	20821	20676	20943	1.65	cps
Iron	57-2	844	889	783	839	6.32	cps
Lead	206-1	983	789	867	880	11.13	cps
Lead	207-1	922	895	833	883	5.15	cps
Lead	208-1	3978	3967	3734	3893	3.55	cps
Lithium	6-1	3540195	3531639	3521141	3530992	0.27	cps
Magnesium	24-2	2959	2842	2792	2864	2.99	cps
Manganese	55-2	153	120	153	142	13.53	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:07:55	DataFile Name :	062CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1400	1542	1325	1422	7.74	cps
Molybdenum	95-1	1458	1275	1417	1383	6.95	cps
Molybdenum	96-1	1809	1750	1575	1711	7.10	cps
Molybdenum	97-1	808	900	800	836	6.64	cps
Molybdenum	98-1	2067	2159	2017	2081	3.45	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	73	97	63	78	22.00	cps
Phosphorus	31-2	175	200	192	189	6.74	cps
Potassium	39-2	37038	37574	36947	37186	0.91	cps
Rhodium	103-1	9751204	9774836	9732624	9752888	0.22	cps
Rhodium	103-2	5668252	5693173	5689266	5683563	0.24	cps
Scandium	45-1	7602329	7595253	7630738	7609440	0.25	cps
Scandium	45-2	406427	405345	408439	406737	0.39	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	81	81	91	85	6.32	cps
Selenium	82-1	1982	1899	1764	1882	5.86	cps
Silicon	28-1	311569	312418	309591	311192	0.47	cps
Silver	109-1	542	483	450	492	9.44	cps
Silver	107-1	475	542	400	472	15.01	cps
Sodium	23-2	23636	23953	24563	24051	1.96	cps
Strontium	86-1	783	708	792	761	6.03	cps
Strontium	88-1	967	1058	833	953	11.87	cps
Sulfur	34-1	326908	325775	328891	327191	0.48	cps
Terbium	159-1	13073576	13001374	12991786	13022245	0.34	cps
Terbium	159-2	8358424	8368444	8364509	8363792	0.06	cps
Thallium	203-1	492	567	642	567	13.24	cps
Thallium	205-1	1684	1634	1442	1586	8.04	cps
Tin	118-1	1267	1283	1325	1292	2.33	cps
Titanium	47-1	292	317	267	292	8.57	cps
Uranium	238-1	717	758	567	681	14.81	cps
Vanadium	51-2	50	40	40	43	13.32	cps
Yttrium	89-1	11463415	11520027	11489668	11491037	0.25	cps
Yttrium	89-2	2197223	2196837	2206756	2200272	0.26	cps
Zinc	66-2	307	327	340	324	5.17	cps
Zirconium	90-1	1875	1734	1683	1764	5.64	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:07:55	DataFile Name :	062CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	383	350	381	7.69	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-26 Instrumnet Name : P7
 Client Sample ID : WP021SB489-31-33-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 17:11:29 DataFile Name : 063SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10970247	10948201	11046954	10988467	0.47	cps
Antimony	121-1	1950	2084	1992	2009	3.40	cps
Arsenic	75-2	17891	17570	17902	17787	1.06	cps
Barium	135-1	266660	266756	271373	268263	1.00	cps
Barium	137-1	459130	468225	467389	464915	1.08	cps
Beryllium	9-1	15836	15747	16354	15979	2.05	cps
Bismuth	209-1	5999579	6117102	6162795	6093159	1.38	cps
Bismuth	209-2	4696611	4726795	4788152	4737186	0.98	cps
Boron	10-1	80103	82006	85382	82497	3.24	cps
Boron	11-1	376714	390521	396817	388017	2.65	cps
Cadmium	111-1	11190	10187	10615	10664	4.72	cps
Cadmium	106-1	14158	12906	13390	13485	4.68	cps
Cadmium	108-1	1500	1646	1571	1572	4.64	cps
Calcium	43-1	23188187	23497384	23522441	23402670	0.80	cps
Calcium	44-1	376090058	377318275	379479442	377629258	0.45	cps
Chromium	52-2	3306733	3319249	3354825	3326936	0.75	cps
Cobalt	59-2	207192	206481	209936	207870	0.88	cps
Copper	63-2	88985	89196	88623	88935	0.33	cps
Dysprosium	156-1	1539996	1563745	1551123	1551621	0.77	cps
Dysprosium	156-2	1041541	1053889	1059488	1051639	0.87	cps
Erbium	164-1	1306404	1318547	1319941	1314964	0.57	cps
Erbium	164-2	861460	862216	866424	863366	0.31	cps
Gadolinium	160-1	1442242	1463166	1453353	1452921	0.72	cps
Gadolinium	160-2	1042704	1046421	1057627	1048917	0.74	cps
Holmium	165-1	12325391	12499252	12491224	12438622	0.79	cps
Holmium	165-2	8459675	8487980	8579008	8508888	0.73	cps
Indium	115-1	9053613	9174509	9225353	9151158	0.96	cps
Indium	115-2	2497525	2521621	2543736	2520961	0.92	cps
Iron	56-2	657465637	661214770	664797148	661159185	0.55	cps
Iron	57-2	16300877	16251101	16360795	16304258	0.34	cps
Lead	206-1	399205	403015	408257	403492	1.13	cps
Lead	207-1	318987	318852	321240	319693	0.42	cps
Lead	208-1	1502589	1516818	1529480	1516295	0.89	cps
Lithium	6-1	3156087	3161200	3197171	3171486	0.71	cps
Magnesium	24-2	11717012	11789977	11853115	11786701	0.58	cps
Manganese	55-2	3871908	3881912	3905910	3886577	0.45	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-26 Instrumnet Name : P7
 Client Sample ID : WP021SB489-31-33-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 17:11:29 DataFile Name : 063SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	687311	689679	693667	690219	0.47	cps
Molybdenum	95-1	5109	4868	4659	4879	4.62	cps
Molybdenum	96-1	123589	125354	124473	124472	0.71	cps
Molybdenum	97-1	2900	3075	2975	2984	2.94	cps
Molybdenum	98-1	7502	7210	7636	7449	2.92	cps
Neodymium	150-1	2412025	2428962	2435781	2425589	0.50	cps
Neodymium	150-2	1272041	1285517	1279587	1279048	0.53	cps
Nickel	60-2	142807	145251	145782	144613	1.10	cps
Phosphorus	31-2	585487	590620	595183	590430	0.82	cps
Potassium	39-2	16776672	16721303	17005767	16834581	0.90	cps
Rhodium	103-1	8142410	8286720	8264505	8231212	0.94	cps
Rhodium	103-2	4831115	4874703	4918119	4874646	0.89	cps
Scandium	45-1	7703381	7822794	7774897	7767024	0.77	cps
Scandium	45-2	419944	422883	426302	423043	0.75	cps
Selenium	77-2	4087	4187	4164	4146	1.26	cps
Selenium	78-2	3026	3002	2963	2997	1.06	cps
Selenium	82-1	4101	4168	4426	4232	4.06	cps
Silicon	28-1	30361445	30101048	30450220	30304238	0.60	cps
Silver	109-1	692	558	575	608	11.94	cps
Silver	107-1	1992	1608	1558	1720	13.79	cps
Sodium	23-2	5018564	5044429	5020099	5027698	0.29	cps
Strontium	86-1	6729791	6725667	6822055	6759171	0.81	cps
Strontium	88-1	58502033	58771024	59286212	58853090	0.68	cps
Sulfur	34-1	529833	532942	533205	531993	0.35	cps
Terbium	159-1	12663168	12934851	12933049	12843689	1.22	cps
Terbium	159-2	8364729	8407952	8470021	8414234	0.63	cps
Thallium	203-1	5260	5376	5410	5349	1.47	cps
Thallium	205-1	13049	12740	13232	13007	1.91	cps
Tin	118-1	7886	7961	7886	7911	0.55	cps
Titanium	47-1	278088	277108	274050	276415	0.76	cps
Uranium	238-1	954220	959427	968639	960762	0.76	cps
Vanadium	51-2	422387	424698	426736	424607	0.51	cps
Yttrium	89-1	34610524	34798911	34999004	34802813	0.56	cps
Yttrium	89-2	6745487	6773100	6812199	6776929	0.49	cps
Zinc	66-2	232027	234183	233303	233171	0.46	cps
Zirconium	90-1	1900098	1908805	1908329	1905744	0.26	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-26	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-31-33-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:11:29	DataFile Name :	063SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	421783	425349	425936	424356	0.53	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-27 Instrumnet Name : P7
 Client Sample ID : WP021SB489-33-35-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 17:15:07 DataFile Name : 064SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11059178	11080555	11259770	11133168	0.99	cps
Antimony	121-1	1400	1567	1684	1550	9.19	cps
Arsenic	75-2	14611	14607	14769	14662	0.63	cps
Barium	135-1	1189240	1186954	1201323	1192506	0.65	cps
Barium	137-1	2086485	2080719	2093115	2086773	0.30	cps
Beryllium	9-1	15708	15464	15692	15621	0.87	cps
Bismuth	209-1	6399882	6402665	6414187	6405578	0.12	cps
Bismuth	209-2	4831496	4925161	4898372	4885010	0.99	cps
Boron	10-1	74483	75464	75740	75229	0.88	cps
Boron	11-1	342318	349687	359910	350638	2.52	cps
Cadmium	111-1	11820	11784	11901	11835	0.51	cps
Cadmium	106-1	13407	13899	13782	13696	1.88	cps
Cadmium	108-1	1546	1625	1621	1597	2.79	cps
Calcium	43-1	14045152	14183904	14187363	14138806	0.57	cps
Calcium	44-1	226676338	228007438	227348522	227344100	0.29	cps
Chromium	52-2	3339743	3343949	3381695	3355129	0.69	cps
Cobalt	59-2	149033	149555	151826	150138	0.99	cps
Copper	63-2	100754	100636	100881	100757	0.12	cps
Dysprosium	156-1	1519826	1534414	1536762	1530334	0.60	cps
Dysprosium	156-2	1029174	1018797	1022089	1023354	0.52	cps
Erbium	164-1	1294910	1303740	1299035	1299228	0.34	cps
Erbium	164-2	840492	846432	840995	842640	0.39	cps
Gadolinium	160-1	1433324	1442157	1446030	1440503	0.45	cps
Gadolinium	160-2	1017557	1030381	1018909	1022283	0.69	cps
Holmium	165-1	12960758	12894722	12998640	12951373	0.41	cps
Holmium	165-2	8628797	8726968	8650648	8668804	0.59	cps
Indium	115-1	9577587	9558395	9602412	9579465	0.23	cps
Indium	115-2	2565397	2580481	2611075	2585651	0.90	cps
Iron	56-2	620065192	619904503	625568281	621845992	0.52	cps
Iron	57-2	15202982	15362241	15428253	15331159	0.76	cps
Lead	206-1	426493	430806	430814	429371	0.58	cps
Lead	207-1	343244	344061	348718	345341	0.86	cps
Lead	208-1	1612496	1622802	1643013	1626104	0.95	cps
Lithium	6-1	3301117	3305561	3330697	3312458	0.48	cps
Magnesium	24-2	11769681	11764043	11747451	11760391	0.10	cps
Manganese	55-2	1882507	1885007	1896133	1887882	0.38	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3707-27 Instrumnet Name : P7
 Client Sample ID : WP021SB489-33-35-180 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 17:15:07 DataFile Name : 064SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	669058	673624	679492	674058	0.78	cps
Molybdenum	95-1	4893	4818	4734	4815	1.64	cps
Molybdenum	96-1	121547	121767	120304	121206	0.65	cps
Molybdenum	97-1	2859	3042	3017	2973	3.35	cps
Molybdenum	98-1	6985	7302	6985	7091	2.58	cps
Neodymium	150-1	2402299	2414063	2430426	2415596	0.58	cps
Neodymium	150-2	1250229	1252535	1263817	1255527	0.58	cps
Nickel	60-2	115746	118269	115880	116632	1.22	cps
Phosphorus	31-2	546738	552632	554435	551268	0.73	cps
Potassium	39-2	16258766	16301487	16434402	16331552	0.56	cps
Rhodium	103-1	8684059	8669423	8663666	8672382	0.12	cps
Rhodium	103-2	4988797	5004728	5058728	5017418	0.73	cps
Scandium	45-1	7985605	7906901	7917948	7936818	0.54	cps
Scandium	45-2	423629	423560	428288	425159	0.64	cps
Selenium	77-2	4387	4194	4307	4296	2.26	cps
Selenium	78-2	3002	3028	3008	3013	0.45	cps
Selenium	82-1	4423	4245	4430	4366	2.40	cps
Silicon	28-1	35707514	36072362	36482963	36087613	1.08	cps
Silver	109-1	1358	1167	1258	1261	7.60	cps
Silver	107-1	2425	2500	2534	2486	2.23	cps
Sodium	23-2	5417614	5405881	5390172	5404556	0.25	cps
Strontium	86-1	5888299	5934160	5978108	5933523	0.76	cps
Strontium	88-1	51127307	51587574	51903094	51539325	0.76	cps
Sulfur	34-1	541375	540930	544266	542190	0.33	cps
Terbium	159-1	13393258	13375989	13389295	13386181	0.07	cps
Terbium	159-2	8527483	8579843	8554481	8553936	0.31	cps
Thallium	203-1	4584	4809	4693	4695	2.40	cps
Thallium	205-1	11172	10580	11172	10974	3.12	cps
Tin	118-1	15609	16218	18545	16791	9.23	cps
Titanium	47-1	232335	233671	225482	230496	1.91	cps
Uranium	238-1	863646	883307	882831	876595	1.28	cps
Vanadium	51-2	346914	350117	354924	350651	1.15	cps
Yttrium	89-1	34406065	34545626	34570514	34507402	0.26	cps
Yttrium	89-2	6581143	6580097	6648000	6603080	0.59	cps
Zinc	66-2	171969	172381	175149	173166	1.00	cps
Zirconium	90-1	1858891	1869585	1864839	1864438	0.29	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3707-27	Instrumnet Name :	P7
Client Sample ID :	WP021SB489-33-35-180	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:15:07	DataFile Name :	064SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	413107	414905	418336	415449	0.64	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:29:46	DataFile Name :	065CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5503427	5461491	5459942	5474953	0.45	cps
Antimony	121-1	4001989	4041865	4005966	4016607	0.55	cps
Arsenic	75-2	177243	178267	178532	178014	0.38	cps
Barium	135-1	5080675	5099416	5071743	5083945	0.28	cps
Barium	137-1	8729603	8767420	8673877	8723633	0.54	cps
Beryllium	9-1	1083814	1089789	1082814	1085472	0.35	cps
Bismuth	209-1	6458446	6494995	6520774	6491405	0.48	cps
Bismuth	209-2	4814359	4844256	4800233	4819616	0.47	cps
Boron	10-1	111424	114085	116538	114016	2.24	cps
Boron	11-1	524315	536800	544805	535307	1.93	cps
Cadmium	111-1	899750	904144	899455	901116	0.29	cps
Cadmium	106-1	97929	97199	96644	97257	0.66	cps
Cadmium	108-1	66145	67539	67585	67090	1.22	cps
Calcium	43-1	7041546	7080638	6996543	7039576	0.60	cps
Calcium	44-1	112957657	113548878	112631365	113045966	0.41	cps
Chromium	52-2	1620131	1630875	1630483	1627163	0.37	cps
Cobalt	59-2	2403317	2401967	2407406	2404230	0.12	cps
Copper	63-2	3191342	3193548	3197406	3194099	0.10	cps
Dysprosium	156-1	158	100	117	125	24.03	cps
Dysprosium	156-2	103	150	100	118	23.73	cps
Erbium	164-1	75	192	100	122	50.26	cps
Erbium	164-2	57	47	30	44	30.31	cps
Gadolinium	160-1	100	158	225	161	38.82	cps
Gadolinium	160-2	207	227	237	223	6.84	cps
Holmium	165-1	12207066	12367063	12449005	12341045	1.00	cps
Holmium	165-2	8120455	8152235	8023725	8098805	0.83	cps
Indium	115-1	9470125	9564412	9656735	9563757	0.98	cps
Indium	115-2	2535055	2565399	2514333	2538262	1.01	cps
Iron	56-2	325764318	325542441	326491318	325932692	0.15	cps
Iron	57-2	8008357	8010174	8022078	8013536	0.09	cps
Lead	206-1	2689233	2709800	2714041	2704358	0.49	cps
Lead	207-1	2366384	2412767	2398449	2392533	0.99	cps
Lead	208-1	10705673	10846799	10792299	10781590	0.66	cps
Lithium	6-1	3384941	3397248	3432942	3405044	0.73	cps
Magnesium	24-2	60966633	60586399	60765881	60772971	0.31	cps
Manganese	55-2	1833707	1844722	1844186	1840872	0.34	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:29:46	DataFile Name :	065CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8549863	8637146	8618475	8601828	0.53	cps
Molybdenum	95-1	10631581	10619765	10580752	10610699	0.25	cps
Molybdenum	96-1	11782179	11790390	11735194	11769254	0.25	cps
Molybdenum	97-1	6612726	6579096	6580101	6590641	0.29	cps
Molybdenum	98-1	16986195	16963737	16887668	16945867	0.30	cps
Neodymium	150-1	353	327	253	311	16.65	cps
Neodymium	150-2	53	60	80	64	21.54	cps
Nickel	60-2	621831	620126	622985	621647	0.23	cps
Phosphorus	31-2	58750	57929	59160	58613	1.07	cps
Potassium	39-2	31742008	31901427	31933794	31859076	0.32	cps
Rhodium	103-1	8756704	8779802	8870256	8802254	0.68	cps
Rhodium	103-2	5007555	5042535	4981309	5010466	0.61	cps
Scandium	45-1	7350270	7423236	7451049	7408185	0.70	cps
Scandium	45-2	395533	398190	391389	395037	0.87	cps
Selenium	77-2	3847	3921	3964	3911	1.51	cps
Selenium	78-2	12496	12298	12839	12544	2.18	cps
Selenium	82-1	61748	61997	61874	61873	0.20	cps
Silicon	28-1	3641995	3650944	3684912	3659284	0.62	cps
Silver	109-1	4363059	4352853	4351867	4355926	0.14	cps
Silver	107-1	4555484	4574090	4614910	4581495	0.66	cps
Sodium	23-2	114758390	114924669	114844507	114842522	0.07	cps
Strontium	86-1	1360872	1364795	1357580	1361082	0.27	cps
Strontium	88-1	11905619	11901554	11811325	11872833	0.45	cps
Sulfur	34-1	724325	731760	729911	728665	0.53	cps
Terbium	159-1	12643298	12788288	12834554	12755380	0.78	cps
Terbium	159-2	8021098	8003928	7923144	7982724	0.66	cps
Thallium	203-1	3305637	3274844	3321952	3300811	0.72	cps
Thallium	205-1	7955432	7954446	8037870	7982582	0.60	cps
Tin	118-1	3160448	3182778	3168404	3170544	0.36	cps
Titanium	47-1	3318965	3336372	3298864	3318067	0.57	cps
Uranium	238-1	11135354	11082135	11063812	11093767	0.33	cps
Vanadium	51-2	1348130	1356578	1354215	1352975	0.32	cps
Yttrium	89-1	11062577	11109151	11207020	11126249	0.66	cps
Yttrium	89-2	2104648	2111145	2089761	2101851	0.52	cps
Zinc	66-2	443414	446831	449263	446503	0.66	cps
Zirconium	90-1	7300599	7324628	7340719	7321982	0.28	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:29:46	DataFile Name :	065CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1619082	1640981	1631683	1630582	0.67	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:36:09	DataFile Name :	066CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	183	150	172	11.17	cps
Antimony	121-1	2925	2809	2700	2812	4.00	cps
Arsenic	75-2	20	11	7	13	51.50	cps
Barium	135-1	175	192	175	181	5.33	cps
Barium	137-1	308	267	175	250	27.28	cps
Beryllium	9-1	122	194	161	159	22.70	cps
Bismuth	209-1	7156472	7117968	7189148	7154529	0.50	cps
Bismuth	209-2	5422325	5405380	5408301	5412002	0.17	cps
Boron	10-1	3150	3109	2809	3023	6.17	cps
Boron	11-1	14232	13890	13306	13810	3.39	cps
Cadmium	111-1	1991	2052	1991	2011	1.75	cps
Cadmium	106-1	2809	2892	2834	2845	1.50	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	408	342	325	358	12.31	cps
Calcium	44-1	24071	24380	24797	24416	1.49	cps
Chromium	52-2	463	347	427	412	14.47	cps
Cobalt	59-2	103	70	117	97	24.87	cps
Copper	63-2	653	790	693	712	9.87	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	58	17	39	53.93	cps
Erbium	164-2	27	53	47	42	32.86	cps
Gadolinium	160-1	42	100	192	111	68.05	cps
Gadolinium	160-2	193	173	200	189	7.35	cps
Holmium	165-1	12561287	12563684	12536562	12553844	0.12	cps
Holmium	165-2	8364502	8300647	8244872	8303340	0.72	cps
Indium	115-1	10217981	10269072	10305363	10264139	0.43	cps
Indium	115-2	2680526	2675506	2682503	2679512	0.13	cps
Iron	56-2	13095	12411	11861	12456	4.96	cps
Iron	57-2	628	567	556	583	6.67	cps
Lead	206-1	828	856	789	824	4.06	cps
Lead	207-1	683	678	578	646	9.19	cps
Lead	208-1	3406	3134	3028	3189	6.11	cps
Lithium	6-1	3676357	3648691	3650729	3658592	0.42	cps
Magnesium	24-2	1675	1717	1383	1592	11.41	cps
Manganese	55-2	117	110	87	104	15.08	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:36:09	DataFile Name :	066CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1133	1158	1117	1136	1.85	cps
Molybdenum	95-1	1083	1008	833	975	13.16	cps
Molybdenum	96-1	1192	858	875	975	19.26	cps
Molybdenum	97-1	575	550	483	536	8.84	cps
Molybdenum	98-1	1458	1133	1200	1264	13.58	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	40	53	40	44	17.32	cps
Phosphorus	31-2	217	175	225	206	13.03	cps
Potassium	39-2	36220	36020	36404	36215	0.53	cps
Rhodium	103-1	9785309	9726042	9731111	9747487	0.34	cps
Rhodium	103-2	5611031	5615792	5595188	5607337	0.19	cps
Scandium	45-1	7642289	7642063	7643852	7642735	0.01	cps
Scandium	45-2	403963	401392	400546	401967	0.44	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	93	111	122	109	13.78	cps
Selenium	82-1	1950	2022	1809	1927	5.63	cps
Silicon	28-1	311719	310697	310163	310860	0.25	cps
Silver	109-1	425	350	383	386	9.73	cps
Silver	107-1	400	342	350	364	8.67	cps
Sodium	23-2	22218	21408	22250	21959	2.17	cps
Strontium	86-1	458	692	567	572	20.41	cps
Strontium	88-1	433	433	475	447	5.38	cps
Sulfur	34-1	342027	343334	339900	341754	0.51	cps
Terbium	159-1	12920661	12904551	13045005	12956739	0.59	cps
Terbium	159-2	8280850	8239901	8172080	8230944	0.67	cps
Thallium	203-1	425	475	383	428	10.73	cps
Thallium	205-1	1225	1425	925	1192	21.12	cps
Tin	118-1	1033	1383	1267	1228	14.52	cps
Titanium	47-1	325	158	217	233	36.25	cps
Uranium	238-1	425	417	333	392	12.94	cps
Vanadium	51-2	53	27	40	40	33.33	cps
Yttrium	89-1	11609105	11429194	11486685	11508328	0.80	cps
Yttrium	89-2	2155466	2140724	2154962	2150384	0.39	cps
Zinc	66-2	210	320	280	270	20.62	cps
Zirconium	90-1	1558	1558	1508	1542	1.87	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 17:36:09	DataFile Name :	066CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	350	292	328	9.63	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BL	Instrumnet Name :	P7
Client Sample ID :	PB110897BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:15:51	DataFile Name :	067CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	83	92	100	22.05	cps
Antimony	121-1	500	475	392	456	12.45	cps
Arsenic	75-2	6	9	11	9	32.69	cps
Barium	135-1	17	42	33	31	41.66	cps
Barium	137-1	67	25	25	39	61.86	cps
Beryllium	9-1	128	161	117	135	17.11	cps
Bismuth	209-1	7152132	7166626	7127167	7148642	0.28	cps
Bismuth	209-2	5401812	5413541	5397547	5404300	0.15	cps
Boron	10-1	750	608	500	619	20.24	cps
Boron	11-1	2575	2825	2859	2753	5.63	cps
Cadmium	111-1	1967	1865	1979	1937	3.23	cps
Cadmium	106-1	2809	2667	2825	2767	3.15	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	183	192	258	211	19.47	cps
Calcium	44-1	20582	20799	20724	20702	0.53	cps
Chromium	52-2	407	313	423	381	15.56	cps
Cobalt	59-2	80	53	43	59	32.19	cps
Copper	63-2	610	593	547	583	5.63	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	67	92	64	45.81	cps
Erbium	164-2	30	33	30	31	6.18	cps
Gadolinium	160-1	125	100	67	97	30.10	cps
Gadolinium	160-2	177	203	160	180	12.15	cps
Holmium	165-1	12648988	12584297	12426534	12553273	0.91	cps
Holmium	165-2	8300496	8308172	8311535	8306734	0.07	cps
Indium	115-1	10291715	10234422	10227017	10251051	0.35	cps
Indium	115-2	2642105	2644697	2655857	2647553	0.28	cps
Iron	56-2	4517	4317	4556	4464	2.87	cps
Iron	57-2	533	506	622	554	11.01	cps
Lead	206-1	344	300	350	331	8.27	cps
Lead	207-1	233	306	256	265	13.97	cps
Lead	208-1	1317	1439	1489	1415	6.26	cps
Lithium	6-1	3739819	3704839	3703637	3716098	0.55	cps
Magnesium	24-2	308	258	275	281	9.07	cps
Manganese	55-2	43	67	53	54	21.51	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BL	Instrumnet Name :	P7
Client Sample ID :	PB110897BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:15:51	DataFile Name :	067CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	325	400	361	10.41	cps
Molybdenum	95-1	83	50	67	67	25.00	cps
Molybdenum	96-1	133	158	167	153	11.35	cps
Molybdenum	97-1	92	42	100	78	40.56	cps
Molybdenum	98-1	83	58	75	72	17.62	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	27	30	36	35.49	cps
Phosphorus	31-2	225	167	183	192	15.68	cps
Potassium	39-2	33756	33639	33990	33795	0.53	cps
Rhodium	103-1	9832373	9832175	9793536	9819362	0.23	cps
Rhodium	103-2	5654533	5640551	5648815	5647966	0.12	cps
Scandium	45-1	7766766	7764403	7729470	7753546	0.27	cps
Scandium	45-2	402760	404610	407805	405058	0.63	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	98	111	91	100	10.31	cps
Selenium	82-1	1776	2000	1874	1883	5.96	cps
Silicon	28-1	343443	314802	316270	324838	4.97	cps
Silver	109-1	150	100	125	125	20.00	cps
Silver	107-1	100	175	117	131	30.16	cps
Sodium	23-2	16660	16368	16585	16538	0.92	cps
Strontium	86-1	592	625	550	589	6.38	cps
Strontium	88-1	100	175	158	144	27.27	cps
Sulfur	34-1	353998	354349	357304	355217	0.51	cps
Terbium	159-1	13062675	12904952	12849511	12939046	0.85	cps
Terbium	159-2	8222229	8229966	8216909	8223035	0.08	cps
Thallium	203-1	167	300	275	247	28.67	cps
Thallium	205-1	467	367	650	494	29.06	cps
Tin	118-1	750	767	925	814	11.87	cps
Titanium	47-1	83	83	150	106	36.46	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	10	20	13	14	35.26	cps
Yttrium	89-1	11669069	11668404	11524322	11620598	0.72	cps
Yttrium	89-2	2127197	2145695	2138352	2137082	0.44	cps
Zinc	66-2	280	237	240	252	9.56	cps
Zirconium	90-1	983	1125	1142	1083	8.03	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BL	Instrumnet Name :	P7
Client Sample ID :	PB110897BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:15:51	DataFile Name :	067CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	242	267	247	7.02	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : PB110897BS Instrumnet Name : P7
 Client Sample ID : PB110897BS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 18:19:25 DataFile Name : 068LCSS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1078128	1064973	1066827	1069976	0.67	cps
Antimony	121-1	4204817	4258682	4219840	4227779	0.66	cps
Arsenic	75-2	185094	184414	186077	185195	0.45	cps
Barium	135-1	5195421	5252502	5246451	5231458	0.60	cps
Barium	137-1	9064601	9012912	9097885	9058466	0.47	cps
Beryllium	9-1	1128999	1132224	1128550	1129924	0.18	cps
Bismuth	209-1	6832398	6824122	6871617	6842713	0.37	cps
Bismuth	209-2	5179217	5294239	5199025	5224160	1.18	cps
Boron	10-1	110770	116539	117805	115038	3.26	cps
Boron	11-1	512512	535323	546087	531307	3.23	cps
Cadmium	111-1	965978	968047	972244	968756	0.33	cps
Cadmium	106-1	103408	104635	104668	104237	0.69	cps
Cadmium	108-1	71408	72765	71860	72011	0.96	cps
Calcium	43-1	1463688	1475019	1449084	1462597	0.89	cps
Calcium	44-1	23653004	23844658	23522280	23673314	0.68	cps
Chromium	52-2	1627231	1630397	1630351	1629326	0.11	cps
Cobalt	59-2	2510764	2508814	2513240	2510939	0.09	cps
Copper	63-2	3457968	3462595	3467304	3462622	0.13	cps
Dysprosium	156-1	83	58	92	78	22.30	cps
Dysprosium	156-2	117	93	93	101	13.32	cps
Erbium	164-1	92	42	75	69	36.66	cps
Erbium	164-2	10	40	23	24	61.49	cps
Gadolinium	160-1	108	83	58	83	30.00	cps
Gadolinium	160-2	207	167	200	191	11.21	cps
Holmium	165-1	12520767	12437298	12643149	12533738	0.83	cps
Holmium	165-2	8240558	8401996	8281222	8307925	1.01	cps
Indium	115-1	9902863	9866926	9958787	9909526	0.47	cps
Indium	115-2	2591516	2644188	2612767	2616157	1.01	cps
Iron	56-2	68244654	67942093	67651974	67946240	0.44	cps
Iron	57-2	1648137	1642942	1642778	1644619	0.19	cps
Lead	206-1	2818278	2831619	2833451	2827783	0.29	cps
Lead	207-1	2498685	2526945	2520982	2515537	0.59	cps
Lead	208-1	11304849	11404086	11399216	11369384	0.49	cps
Lithium	6-1	3649488	3650082	3608775	3636115	0.65	cps
Magnesium	24-2	12500433	12503404	12485997	12496611	0.07	cps
Manganese	55-2	1898542	1887984	1897084	1894537	0.30	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BS	Instrumnet Name :	P7
Client Sample ID :	PB110897BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:19:25	DataFile Name :	068LCSS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8858108	8949840	8876174	8894707	0.55	cps
Molybdenum	95-1	10979365	11008719	10975525	10987870	0.17	cps
Molybdenum	96-1	12118239	12137905	12089888	12115344	0.20	cps
Molybdenum	97-1	6785418	6805476	6828591	6806495	0.32	cps
Molybdenum	98-1	17432238	17417542	17477942	17442574	0.18	cps
Neodymium	150-1	200	153	220	191	17.90	cps
Neodymium	150-2	27	47	20	31	44.61	cps
Nickel	60-2	649064	651694	651233	650664	0.22	cps
Phosphorus	31-2	59218	58817	59294	59109	0.43	cps
Potassium	39-2	6546572	6518628	6516698	6527299	0.26	cps
Rhodium	103-1	9281143	9309657	9371447	9320749	0.50	cps
Rhodium	103-2	5356090	5430048	5354985	5380374	0.80	cps
Scandium	45-1	7564782	7561622	7552944	7559783	0.08	cps
Scandium	45-2	396898	403506	401140	400515	0.84	cps
Selenium	77-2	4087	4041	4077	4068	0.60	cps
Selenium	78-2	13477	13232	13593	13434	1.37	cps
Selenium	82-1	66429	67055	66977	66821	0.51	cps
Silicon	28-1	3720278	3739056	3721360	3726898	0.28	cps
Silver	109-1	4698503	4754315	4734247	4729022	0.60	cps
Silver	107-1	4935949	4961527	4963576	4953684	0.31	cps
Sodium	23-2	23731479	23565335	23694912	23663909	0.37	cps
Strontium	86-1	1406309	1408391	1403952	1406217	0.16	cps
Strontium	88-1	12359435	12411810	12309055	12360100	0.42	cps
Sulfur	34-1	760744	757344	751203	756430	0.64	cps
Terbium	159-1	12917590	12881864	12936316	12911923	0.21	cps
Terbium	159-2	8144846	8257863	8194044	8198918	0.69	cps
Thallium	203-1	3460510	3463625	3482489	3468875	0.34	cps
Thallium	205-1	8479959	8469348	8384856	8444721	0.62	cps
Tin	118-1	3274280	3311574	3291545	3292466	0.57	cps
Titanium	47-1	3425067	3444362	3451591	3440340	0.40	cps
Uranium	238-1	11299829	11387303	11287506	11324880	0.48	cps
Vanadium	51-2	1387400	1384217	1386621	1386079	0.12	cps
Yttrium	89-1	11395768	11297491	11376247	11356502	0.46	cps
Yttrium	89-2	2130122	2157148	2133133	2140134	0.69	cps
Zinc	66-2	486214	481644	482504	483454	0.50	cps
Zirconium	90-1	7551487	7556708	7560512	7556236	0.06	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	PB110897BS	Instrumnet Name :	P7
Client Sample ID :	PB110897BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:19:25	DataFile Name :	068LCSS_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1659600	1670531	1680353	1670161	0.62	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:28:06	DataFile Name :	069SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10349469	10311971	10396553	10352664	0.41	cps
Antimony	121-1	5476	5201	5518	5398	3.19	cps
Arsenic	75-2	14774	14454	14665	14631	1.11	cps
Barium	135-1	2752083	2782195	2777256	2770512	0.58	cps
Barium	137-1	4834589	4830109	4847809	4837502	0.19	cps
Beryllium	9-1	9737	9970	10026	9911	1.55	cps
Bismuth	209-1	6331327	6368180	6429006	6376171	0.77	cps
Bismuth	209-2	4767532	4773849	4753404	4764928	0.22	cps
Boron	10-1	7594	8019	7577	7730	3.24	cps
Boron	11-1	35234	34231	35217	34894	1.64	cps
Cadmium	111-1	5736	5809	5974	5840	2.09	cps
Cadmium	106-1	4284	4376	4793	4484	6.04	cps
Cadmium	108-1	650	692	633	658	4.56	cps
Calcium	43-1	6330371	6366384	6398467	6365074	0.54	cps
Calcium	44-1	101786106	102671438	102906375	102454640	0.58	cps
Chromium	52-2	804007	803500	807368	804958	0.26	cps
Cobalt	59-2	618378	616883	629551	621604	1.11	cps
Copper	63-2	1431332	1429212	1436127	1432223	0.25	cps
Dysprosium	156-1	254511	255727	255227	255155	0.24	cps
Dysprosium	156-2	169469	170371	170607	170149	0.35	cps
Erbium	164-1	209724	213049	213567	212114	0.98	cps
Erbium	164-2	135187	136826	137443	136485	0.85	cps
Gadolinium	160-1	239317	239948	241751	240339	0.53	cps
Gadolinium	160-2	168593	171508	171112	170404	0.93	cps
Holmium	165-1	11859183	11909685	12140198	11969689	1.25	cps
Holmium	165-2	7944576	7942328	7980157	7955687	0.27	cps
Indium	115-1	9238491	9294645	9402511	9311883	0.90	cps
Indium	115-2	2479193	2468112	2503906	2483737	0.74	cps
Iron	56-2	552322568	551829523	555349412	553167168	0.34	cps
Iron	57-2	13667027	13596168	13614887	13626028	0.27	cps
Lead	206-1	8812332	8872410	8974032	8886258	0.92	cps
Lead	207-1	7216122	7265359	7349632	7277038	0.93	cps
Lead	208-1	33848983	34090916	34449097	34129665	0.88	cps
Lithium	6-1	3472549	3518512	3556151	3515737	1.19	cps
Magnesium	24-2	11169799	11063190	11154213	11129067	0.52	cps
Manganese	55-2	12350465	12298956	12364879	12338100	0.28	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:28:06	DataFile Name :	069SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	184898	184737	183742	184459	0.34	cps
Molybdenum	95-1	30191	29398	30726	30105	2.22	cps
Molybdenum	96-1	64162	62721	63642	63508	1.15	cps
Molybdenum	97-1	19481	18246	18972	18899	3.28	cps
Molybdenum	98-1	48124	47756	47238	47706	0.93	cps
Neodymium	150-1	407873	412012	411621	410502	0.56	cps
Neodymium	150-2	211544	213304	214026	212958	0.60	cps
Nickel	60-2	345646	346248	348783	346893	0.48	cps
Phosphorus	31-2	79294	81455	81095	80615	1.44	cps
Potassium	39-2	10721620	10790236	10807559	10773138	0.42	cps
Rhodium	103-1	8509095	8526830	8714845	8583590	1.33	cps
Rhodium	103-2	4970212	4951424	5006233	4975956	0.56	cps
Scandium	45-1	7707509	7785980	7826681	7773390	0.78	cps
Scandium	45-2	410298	412699	412893	411963	0.35	cps
Selenium	77-2	677	703	770	717	6.71	cps
Selenium	78-2	667	630	570	622	7.81	cps
Selenium	82-1	2387	2519	2478	2462	2.74	cps
Silicon	28-1	16623690	16772015	16704968	16700225	0.44	cps
Silver	109-1	9395	9053	8845	9098	3.05	cps
Silver	107-1	9395	9579	9762	9579	1.92	cps
Sodium	23-2	2951539	2924316	2943477	2939777	0.48	cps
Strontium	86-1	1969409	1971047	1975530	1971995	0.16	cps
Strontium	88-1	17275650	17364233	17451566	17363816	0.51	cps
Sulfur	34-1	390782	385219	388850	388284	0.73	cps
Terbium	159-1	12360894	12291908	12591123	12414641	1.26	cps
Terbium	159-2	7868197	7805080	7886690	7853322	0.54	cps
Thallium	203-1	18263	18097	18439	18266	0.94	cps
Thallium	205-1	45396	44669	45019	45028	0.81	cps
Tin	118-1	121631	123353	122076	122353	0.73	cps
Titanium	47-1	9245232	9259568	9362036	9288945	0.69	cps
Uranium	238-1	119036	116928	120855	118940	1.65	cps
Vanadium	51-2	829274	829321	838832	832476	0.66	cps
Yttrium	89-1	13360309	13452851	13689399	13500853	1.26	cps
Yttrium	89-2	2545392	2550549	2560658	2552199	0.30	cps
Zinc	66-2	374619	374969	377966	375851	0.49	cps
Zirconium	90-1	455551	459514	463139	459401	0.83	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:28:06	DataFile Name :	069SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	102750	103431	103346	103175	0.36	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:35:31	DataFile Name :	070SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10435598	10408582	10355757	10399979	0.39	cps
Antimony	121-1	3876	3826	4001	3901	2.31	cps
Arsenic	75-2	14127	13968	14463	14186	1.78	cps
Barium	135-1	2765619	2760426	2790769	2772271	0.59	cps
Barium	137-1	4806784	4818987	4870475	4832082	0.70	cps
Beryllium	9-1	9792	9714	10031	9846	1.68	cps
Bismuth	209-1	6384888	6470077	6423404	6426123	0.66	cps
Bismuth	209-2	4784320	4830723	4868733	4827925	0.88	cps
Boron	10-1	6477	6768	7119	6788	4.74	cps
Boron	11-1	30565	32561	32920	32015	3.96	cps
Cadmium	111-1	5762	5910	6098	5924	2.84	cps
Cadmium	106-1	4476	4534	4593	4534	1.29	cps
Cadmium	108-1	596	592	596	594	0.40	cps
Calcium	43-1	6460352	6527484	6537692	6508510	0.65	cps
Calcium	44-1	103805936	104496665	105363736	104555445	0.75	cps
Chromium	52-2	810274	807730	810814	809606	0.20	cps
Cobalt	59-2	604713	607334	613861	608636	0.77	cps
Copper	63-2	1418388	1412623	1426624	1419212	0.50	cps
Dysprosium	156-1	249318	252129	252192	251213	0.65	cps
Dysprosium	156-2	168282	168042	169446	168590	0.45	cps
Erbium	164-1	207606	210161	211661	209809	0.98	cps
Erbium	164-2	134362	134204	134570	134379	0.14	cps
Gadolinium	160-1	237971	240971	241089	240011	0.74	cps
Gadolinium	160-2	168899	169105	167631	168545	0.47	cps
Holmium	165-1	11933278	12162666	12075983	12057309	0.96	cps
Holmium	165-2	7988936	7981548	8022704	7997730	0.27	cps
Indium	115-1	9349585	9461650	9403357	9404864	0.60	cps
Indium	115-2	2472225	2523339	2518091	2504552	1.12	cps
Iron	56-2	554496612	555384679	553895935	554592409	0.14	cps
Iron	57-2	13581289	13593346	13655354	13609996	0.29	cps
Lead	206-1	8843067	8884098	8968391	8898519	0.72	cps
Lead	207-1	7285178	7320188	7352983	7319450	0.46	cps
Lead	208-1	34075251	34296354	34460989	34277531	0.56	cps
Lithium	6-1	3495104	3544939	3557990	3532678	0.94	cps
Magnesium	24-2	11288758	11270636	11289204	11282866	0.09	cps
Manganese	55-2	12075464	12009311	12031439	12038738	0.28	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:35:31	DataFile Name :	070SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	181885	181605	183294	182261	0.50	cps
Molybdenum	95-1	28930	29139	29532	29200	1.05	cps
Molybdenum	96-1	62194	63827	62320	62780	1.45	cps
Molybdenum	97-1	17795	18538	18763	18365	2.76	cps
Molybdenum	98-1	46326	46000	46451	46259	0.50	cps
Neodymium	150-1	403983	408000	410648	407544	0.82	cps
Neodymium	150-2	211537	211755	210770	211354	0.24	cps
Nickel	60-2	340884	342788	345695	343122	0.71	cps
Phosphorus	31-2	79059	79294	79412	79255	0.23	cps
Potassium	39-2	11059030	10980532	10993518	11011027	0.38	cps
Rhodium	103-1	8677684	8743938	8670099	8697240	0.47	cps
Rhodium	103-2	4989622	5026314	5063481	5026472	0.73	cps
Scandium	45-1	7806503	7901211	7867263	7858326	0.61	cps
Scandium	45-2	414067	415461	417049	415526	0.36	cps
Selenium	77-2	760	730	613	701	11.05	cps
Selenium	78-2	596	663	698	652	7.93	cps
Selenium	82-1	2534	2427	2547	2502	2.63	cps
Silicon	28-1	20101074	20349893	20462269	20304412	0.91	cps
Silver	109-1	9278	8078	8711	8689	6.91	cps
Silver	107-1	9429	9837	9287	9518	3.00	cps
Sodium	23-2	2943103	2949364	2957044	2949837	0.24	cps
Strontium	86-1	2009597	2022100	2020127	2017275	0.33	cps
Strontium	88-1	17548570	17801731	17782860	17711053	0.80	cps
Sulfur	34-1	394866	392278	399873	395672	0.98	cps
Terbium	159-1	12342078	12448230	12459419	12416576	0.52	cps
Terbium	159-2	7901483	7889694	7937153	7909443	0.31	cps
Thallium	203-1	18038	18238	18013	18096	0.68	cps
Thallium	205-1	43473	45404	45036	44638	2.30	cps
Tin	118-1	118865	118773	120723	119454	0.92	cps
Titanium	47-1	9447684	9525574	9563448	9512235	0.62	cps
Uranium	238-1	120854	124218	122798	122623	1.38	cps
Vanadium	51-2	840837	836342	838836	838672	0.27	cps
Yttrium	89-1	13502876	13654961	13644273	13600703	0.62	cps
Yttrium	89-2	2557061	2577157	2583072	2572430	0.53	cps
Zinc	66-2	374272	372522	376952	374582	0.60	cps
Zirconium	90-1	452728	452707	457010	454148	0.55	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01DUP	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:35:31	DataFile Name :	070SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	101458	101869	102247	101858	0.39	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 18:39:07	DataFile Name :	071SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2159088	2165357	2162907	2162451	0.15	cps
Antimony	121-1	1150	967	1083	1067	8.70	cps
Arsenic	75-2	3036	3147	3123	3102	1.88	cps
Barium	135-1	580805	583921	581488	582072	0.28	cps
Barium	137-1	1005394	1007641	1011620	1008219	0.31	cps
Beryllium	9-1	2395	2139	2200	2245	5.95	cps
Bismuth	209-1	7101178	7099403	7036814	7079132	0.52	cps
Bismuth	209-2	5292506	5294687	5291087	5292760	0.03	cps
Boron	10-1	1975	2234	2342	2184	8.63	cps
Boron	11-1	10237	10371	10371	10326	0.75	cps
Cadmium	111-1	3030	2975	2838	2948	3.35	cps
Cadmium	106-1	3501	3467	3184	3384	5.14	cps
Cadmium	108-1	154	158	129	147	10.72	cps
Calcium	43-1	1343041	1345278	1347466	1345262	0.16	cps
Calcium	44-1	21789952	21783553	21811678	21795061	0.07	cps
Chromium	52-2	168129	169939	168281	168783	0.59	cps
Cobalt	59-2	132302	131473	131028	131601	0.49	cps
Copper	63-2	309020	307754	308210	308328	0.21	cps
Dysprosium	156-1	53999	52418	53480	53299	1.51	cps
Dysprosium	156-2	35436	35065	34811	35104	0.90	cps
Erbium	164-1	43771	44633	44198	44200	0.97	cps
Erbium	164-2	28480	28309	27558	28116	1.74	cps
Gadolinium	160-1	50034	50194	50536	50255	0.51	cps
Gadolinium	160-2	35446	34818	34246	34837	1.72	cps
Holmium	165-1	12847056	12779188	12703729	12776658	0.56	cps
Holmium	165-2	8318557	8379100	8342846	8346834	0.37	cps
Indium	115-1	10364047	10256093	10271756	10297299	0.57	cps
Indium	115-2	2678026	2698892	2683900	2686940	0.40	cps
Iron	56-2	116838942	117131989	116083269	116684733	0.46	cps
Iron	57-2	2848295	2846433	2836359	2843696	0.23	cps
Lead	206-1	1872712	1872080	1890461	1878418	0.56	cps
Lead	207-1	1534054	1520682	1535955	1530230	0.54	cps
Lead	208-1	7214494	7174277	7203835	7197535	0.29	cps
Lithium	6-1	3775473	3754554	3781602	3770543	0.38	cps
Magnesium	24-2	2346723	2336893	2342362	2341993	0.21	cps
Manganese	55-2	2575041	2595398	2569129	2579856	0.53	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 18:39:07	DataFile Name :	071SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	39363	37592	37291	38082	2.94	cps
Molybdenum	95-1	6368	6935	6594	6632	4.30	cps
Molybdenum	96-1	13732	13407	13799	13646	1.54	cps
Molybdenum	97-1	4076	3901	3801	3926	3.55	cps
Molybdenum	98-1	10221	10296	9479	9998	4.52	cps
Neodymium	150-1	84103	87209	85196	85502	1.84	cps
Neodymium	150-2	43438	44211	43672	43774	0.90	cps
Nickel	60-2	74461	74063	74582	74369	0.37	cps
Phosphorus	31-2	17027	17753	17035	17272	2.41	cps
Potassium	39-2	2230867	2264477	2231432	2242259	0.86	cps
Rhodium	103-1	9803586	9677931	9735679	9739065	0.65	cps
Rhodium	103-2	5525165	5516143	5539380	5526896	0.21	cps
Scandium	45-1	7999722	7919293	7918566	7945860	0.59	cps
Scandium	45-2	412131	415237	410792	412720	0.55	cps
Selenium	77-2	140	230	147	172	29.12	cps
Selenium	78-2	219	196	200	205	5.81	cps
Selenium	82-1	2178	1980	1915	2024	6.76	cps
Silicon	28-1	3821141	3836596	3852315	3836684	0.41	cps
Silver	109-1	2092	2159	1925	2059	5.84	cps
Silver	107-1	2309	2442	2417	2389	2.97	cps
Sodium	23-2	617653	614137	619872	617221	0.47	cps
Strontium	86-1	417036	416417	415379	416278	0.20	cps
Strontium	88-1	3704208	3696386	3694988	3698527	0.13	cps
Sulfur	34-1	339299	338865	335798	337987	0.56	cps
Terbium	159-1	13259222	13140475	13182086	13193928	0.46	cps
Terbium	159-2	8256761	8273299	8223162	8251074	0.31	cps
Thallium	203-1	3859	4176	4043	4026	3.95	cps
Thallium	205-1	9137	10196	9145	9493	6.42	cps
Tin	118-1	27018	26960	26551	26843	0.95	cps
Titanium	47-1	1961214	1947761	1961938	1956971	0.41	cps
Uranium	238-1	24508	25668	24207	24794	3.11	cps
Vanadium	51-2	171730	172923	172203	172285	0.35	cps
Yttrium	89-1	12379171	12262893	12212656	12284907	0.70	cps
Yttrium	89-2	2275690	2292873	2269114	2279226	0.54	cps
Zinc	66-2	83296	81999	83758	83018	1.10	cps
Zirconium	90-1	94729	95492	95551	95257	0.48	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01LX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 18:39:07	DataFile Name :	071SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	21876	21642	21358	21625	1.20	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MS	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:42:41	DataFile Name :	072SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13009339	13063992	13188486	13087273	0.70	cps
Antimony	121-1	807445	811479	811661	810195	0.29	cps
Arsenic	75-2	174395	176603	176220	175739	0.67	cps
Barium	135-1	7785022	7865085	7862509	7837538	0.58	cps
Barium	137-1	13542260	13523580	13641801	13569214	0.47	cps
Beryllium	9-1	1012128	1024254	1018607	1018330	0.60	cps
Bismuth	209-1	5987400	6133924	6140320	6087215	1.42	cps
Bismuth	209-2	4608680	4699837	4708253	4672257	1.18	cps
Boron	10-1	105013	108445	110376	107945	2.52	cps
Boron	11-1	488253	512058	521453	507255	3.37	cps
Cadmium	111-1	846206	853884	852907	850999	0.49	cps
Cadmium	106-1	91729	95286	94473	93829	1.99	cps
Cadmium	108-1	62826	62923	62692	62814	0.18	cps
Calcium	43-1	8408927	8543775	8514777	8489160	0.84	cps
Calcium	44-1	135568020	137638382	137279611	136828671	0.81	cps
Chromium	52-2	2433708	2456712	2479725	2456715	0.94	cps
Cobalt	59-2	2869076	2879813	2878853	2875914	0.21	cps
Copper	63-2	4540714	4555431	4575786	4557310	0.39	cps
Dysprosium	156-1	254366	254955	259078	256133	1.00	cps
Dysprosium	156-2	169925	172436	170826	171062	0.74	cps
Erbium	164-1	204690	207837	209005	207177	1.08	cps
Erbium	164-2	133547	134129	135732	134470	0.84	cps
Gadolinium	160-1	239395	241125	243786	241435	0.92	cps
Gadolinium	160-2	169412	171028	171206	170549	0.58	cps
Holmium	165-1	11498993	11691145	11834110	11674749	1.44	cps
Holmium	165-2	7762715	7830496	7897710	7830307	0.86	cps
Indium	115-1	8917840	9041863	9071978	9010560	0.91	cps
Indium	115-2	2431165	2457034	2466742	2451647	0.75	cps
Iron	56-2	680919482	686800682	690327927	686016030	0.69	cps
Iron	57-2	16813577	16934305	16950245	16899376	0.44	cps
Lead	206-1	33424267	34179495	34429806	34011189	1.54	cps
Lead	207-1	27807278	28210701	28509844	28175941	1.25	cps
Lead	208-1	129294524	132465575	132875665	131545255	1.49	cps
Lithium	6-1	3374706	3443572	3434486	3417588	1.09	cps
Magnesium	24-2	24078313	24271537	24433836	24261229	0.73	cps
Manganese	55-2	14414393	14545191	14572481	14510688	0.58	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MS	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:42:41	DataFile Name :	072SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7768127	7892700	7870689	7843838	0.85	cps
Molybdenum	95-1	9323230	9442147	9478572	9414650	0.86	cps
Molybdenum	96-1	10371422	10501742	10503192	10458785	0.72	cps
Molybdenum	97-1	5793824	5863568	5852656	5836683	0.64	cps
Molybdenum	98-1	14839438	15116452	14956273	14970721	0.93	cps
Neodymium	150-1	420960	426093	421128	422727	0.69	cps
Neodymium	150-2	219320	219996	221683	220333	0.55	cps
Nickel	60-2	924278	934470	935049	931266	0.65	cps
Phosphorus	31-2	85746	84614	86216	85525	0.96	cps
Potassium	39-2	18521007	18691147	18752638	18654931	0.64	cps
Rhodium	103-1	8180754	8338764	8380453	8299990	1.27	cps
Rhodium	103-2	4880850	4897381	4935764	4904665	0.57	cps
Scandium	45-1	7660864	7780166	7812143	7751058	1.03	cps
Scandium	45-2	415877	418875	420127	418293	0.52	cps
Selenium	77-2	4011	3917	4057	3995	1.78	cps
Selenium	78-2	11690	11319	11501	11503	1.61	cps
Selenium	82-1	55345	55257	55925	55509	0.65	cps
Silicon	28-1	35492130	36289336	36250285	36010584	1.25	cps
Silver	109-1	3009886	3030071	3037634	3025864	0.47	cps
Silver	107-1	3169279	3196463	3208339	3191360	0.63	cps
Sodium	23-2	24536283	24569442	24750115	24618613	0.47	cps
Strontium	86-1	3461638	3499860	3505478	3488992	0.68	cps
Strontium	88-1	30124340	30424593	30445710	30331548	0.59	cps
Sulfur	34-1	413939	409015	405199	409384	1.07	cps
Terbium	159-1	11809178	12066270	12177379	12017609	1.57	cps
Terbium	159-2	7672666	7783545	7813732	7756648	0.96	cps
Thallium	203-1	3112807	3170571	3178976	3154118	1.14	cps
Thallium	205-1	7491786	7634043	7690974	7605601	1.35	cps
Tin	118-1	2291713	2332878	2317549	2314047	0.90	cps
Titanium	47-1	15690879	15855011	15869113	15805001	0.63	cps
Uranium	238-1	10305202	10408581	10430382	10381388	0.64	cps
Vanadium	51-2	2231934	2265572	2256233	2251246	0.77	cps
Yttrium	89-1	13011768	13257024	13327467	13198753	1.26	cps
Yttrium	89-2	2522783	2544923	2561466	2543057	0.76	cps
Zinc	66-2	902656	910367	914915	909312	0.68	cps
Zirconium	90-1	6973198	7076592	7054175	7034655	0.77	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MS	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:42:41	DataFile Name :	072SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1546744	1580000	1570248	1565664	1.09	cps

LB Number : LB96496 Operator : Jaswal
 Lab Sample ID : J3864-01MSD Instrumnet Name : P7
 Client Sample ID : EPE-108-6A(3-8)MSD Dilution Factor : 1
 Date & Time Acquired :: 2018-07-08 18:46:18 DataFile Name : 073SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12883297	12941959	12854741	12893333	0.34	cps
Antimony	121-1	853841	859798	873360	862333	1.16	cps
Arsenic	75-2	192468	195724	193582	193925	0.85	cps
Barium	135-1	7605924	7679106	7758693	7681241	0.99	cps
Barium	137-1	13275315	13348161	13492630	13372035	0.83	cps
Beryllium	9-1	1044753	1044044	1053866	1047554	0.52	cps
Bismuth	209-1	6039301	6155003	6210621	6134975	1.42	cps
Bismuth	209-2	4664470	4724279	4721097	4703282	0.72	cps
Boron	10-1	110870	114355	118427	114551	3.30	cps
Boron	11-1	523353	537940	543664	534986	1.96	cps
Cadmium	111-1	865970	879571	882631	876057	1.01	cps
Cadmium	106-1	95756	96645	97223	96542	0.77	cps
Cadmium	108-1	63395	65074	64919	64463	1.44	cps
Calcium	43-1	10594769	10614439	10693372	10634193	0.49	cps
Calcium	44-1	170801695	171432216	172103033	171445648	0.38	cps
Chromium	52-2	2464508	2486855	2479632	2476998	0.46	cps
Cobalt	59-2	2896427	2919369	2926572	2914123	0.54	cps
Copper	63-2	4361811	4398192	4393037	4384347	0.45	cps
Dysprosium	156-1	538303	537615	547710	541210	1.04	cps
Dysprosium	156-2	358260	366184	361039	361828	1.11	cps
Erbium	164-1	335999	341123	344968	340697	1.32	cps
Erbium	164-2	219332	220714	220780	220275	0.37	cps
Gadolinium	160-1	486625	489183	489617	488475	0.33	cps
Gadolinium	160-2	343905	348416	347429	346583	0.68	cps
Holmium	165-1	11625390	11886149	11942074	11817871	1.43	cps
Holmium	165-2	7916668	7994091	7957044	7955934	0.49	cps
Indium	115-1	8978017	9161270	9278150	9139146	1.66	cps
Indium	115-2	2448429	2469644	2473641	2463905	0.55	cps
Iron	56-2	660010281	662127993	663335237	661824504	0.25	cps
Iron	57-2	16211398	16276088	16266063	16251183	0.21	cps
Lead	206-1	29258626	29605365	29531349	29465113	0.62	cps
Lead	207-1	24588132	24569655	24519192	24558993	0.15	cps
Lead	208-1	113955841	114052966	114378130	114128979	0.19	cps
Lithium	6-1	3407327	3451847	3466301	3441825	0.89	cps
Magnesium	24-2	28454764	28521345	28317159	28431090	0.37	cps
Manganese	55-2	12631567	12687653	12700715	12673312	0.29	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:46:18	DataFile Name :	073SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7986962	8048272	8076016	8037083	0.57	cps
Molybdenum	95-1	9576625	9672276	9702749	9650550	0.68	cps
Molybdenum	96-1	10650897	10739260	10749102	10713086	0.50	cps
Molybdenum	97-1	5927156	6008257	6035843	5990419	0.94	cps
Molybdenum	98-1	15275092	15396433	15472385	15381303	0.65	cps
Neodymium	150-1	962863	966920	971623	967135	0.45	cps
Neodymium	150-2	502613	507995	508366	506325	0.64	cps
Nickel	60-2	922739	927399	922884	924340	0.29	cps
Phosphorus	31-2	77635	77066	76003	76901	1.08	cps
Potassium	39-2	18619653	18774541	18644453	18679549	0.45	cps
Rhodium	103-1	8230128	8442416	8481329	8384624	1.61	cps
Rhodium	103-2	4853596	4928124	4939864	4907195	0.95	cps
Scandium	45-1	7692400	7882233	7961270	7845301	1.76	cps
Scandium	45-2	420351	428875	424707	424644	1.00	cps
Selenium	77-2	5028	4998	5378	5134	4.12	cps
Selenium	78-2	12474	12431	12643	12516	0.89	cps
Selenium	82-1	56153	57195	57068	56805	1.00	cps
Silicon	28-1	26938669	27410760	27360988	27236806	0.95	cps
Silver	109-1	3031277	3062844	3073304	3055808	0.72	cps
Silver	107-1	3205780	3236655	3247301	3229912	0.67	cps
Sodium	23-2	25714641	25884825	25763586	25787684	0.34	cps
Strontium	86-1	3669011	3711561	3723855	3701475	0.78	cps
Strontium	88-1	31806466	32118942	32526731	32150713	1.12	cps
Sulfur	34-1	417401	414746	416859	416336	0.34	cps
Terbium	159-1	12043967	12356535	12442899	12281134	1.71	cps
Terbium	159-2	7799374	7925878	7933235	7886162	0.95	cps
Thallium	203-1	3243697	3236051	3264963	3248237	0.46	cps
Thallium	205-1	7772590	7808637	7913740	7831655	0.94	cps
Tin	118-1	2287566	2330931	2343226	2320574	1.26	cps
Titanium	47-1	14750251	14916415	14963218	14876628	0.75	cps
Uranium	238-1	10686539	10896678	10858729	10813982	1.04	cps
Vanadium	51-2	2305926	2320160	2307347	2311144	0.34	cps
Yttrium	89-1	14880092	15150941	15328167	15119733	1.49	cps
Yttrium	89-2	2893237	2916739	2902292	2904089	0.41	cps
Zinc	66-2	817497	823552	822827	821292	0.40	cps
Zirconium	90-1	7192005	7242514	7269088	7234536	0.54	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01MSD	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:46:18	DataFile Name :	073SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1591846	1605089	1619747	1605561	0.87	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01A	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:49:56	DataFile Name :	074SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11494935	11566386	11514948	11525423	0.32	cps
Antimony	121-1	3782858	3828166	3821588	3810870	0.64	cps
Arsenic	75-2	180445	180899	182903	181416	0.72	cps
Barium	135-1	7472641	7536546	7539107	7516098	0.50	cps
Barium	137-1	12973025	13084157	13102583	13053255	0.54	cps
Beryllium	9-1	1029395	1040120	1036495	1035337	0.53	cps
Bismuth	209-1	6314589	6295719	6372436	6327581	0.63	cps
Bismuth	209-2	4800785	4839563	4806792	4815713	0.43	cps
Boron	10-1	129265	129761	129247	129425	0.23	cps
Boron	11-1	590451	598907	605763	598374	1.28	cps
Cadmium	111-1	864608	873385	871625	869873	0.53	cps
Cadmium	106-1	96737	98314	97451	97501	0.81	cps
Cadmium	108-1	64237	64877	63781	64298	0.86	cps
Calcium	43-1	7570731	7643568	7629007	7614435	0.51	cps
Calcium	44-1	121667332	122916186	122705307	122429608	0.55	cps
Chromium	52-2	2315204	2348940	2335379	2333174	0.73	cps
Cobalt	59-2	2916412	2938531	2935949	2930297	0.41	cps
Copper	63-2	4385467	4434496	4446855	4422273	0.73	cps
Dysprosium	156-1	250195	246714	249135	248681	0.72	cps
Dysprosium	156-2	163340	164713	166639	164897	1.00	cps
Erbium	164-1	203008	207844	208273	206375	1.42	cps
Erbium	164-2	132830	132692	131309	132277	0.64	cps
Gadolinium	160-1	233311	236696	234536	234848	0.73	cps
Gadolinium	160-2	165508	165893	166260	165887	0.23	cps
Holmium	165-1	12006146	12104364	12218410	12109640	0.88	cps
Holmium	165-2	8042076	8028531	8024562	8031723	0.11	cps
Indium	115-1	9400428	9316223	9473049	9396567	0.84	cps
Indium	115-2	2505411	2510703	2530315	2515476	0.52	cps
Iron	56-2	614241836	613409747	616636058	614762547	0.27	cps
Iron	57-2	15006888	15057681	15213894	15092821	0.71	cps
Lead	206-1	10953455	11012754	11101559	11022589	0.68	cps
Lead	207-1	9075983	9132078	9292520	9166860	1.23	cps
Lead	208-1	42341555	42613059	43075241	42676618	0.87	cps
Lithium	6-1	3535013	3547307	3600606	3560975	0.98	cps
Magnesium	24-2	22707032	22735894	22765729	22736218	0.13	cps
Manganese	55-2	13821115	13851067	13939387	13870523	0.44	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01A	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:49:56	DataFile Name :	074SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8212351	8273044	8248199	8244531	0.37	cps
Molybdenum	95-1	9798665	9953237	9909424	9887109	0.81	cps
Molybdenum	96-1	10897785	10973727	11024471	10965328	0.58	cps
Molybdenum	97-1	6129814	6140839	6131831	6134161	0.10	cps
Molybdenum	98-1	15690589	15793551	15686662	15723601	0.39	cps
Neodymium	150-1	399323	400024	401465	400271	0.27	cps
Neodymium	150-2	207755	208828	207042	207875	0.43	cps
Nickel	60-2	930467	939009	934801	934759	0.46	cps
Phosphorus	31-2	79127	78900	78632	78887	0.31	cps
Potassium	39-2	17702270	17841842	17792617	17778910	0.40	cps
Rhodium	103-1	8713155	8657912	8742068	8704378	0.49	cps
Rhodium	103-2	5013161	5060169	5064337	5045889	0.56	cps
Scandium	45-1	8001241	7968940	8039189	8003123	0.44	cps
Scandium	45-2	422641	425334	426836	424937	0.50	cps
Selenium	77-2	4387	4397	4234	4340	2.11	cps
Selenium	78-2	12357	12502	12685	12515	1.31	cps
Selenium	82-1	59255	59746	59795	59599	0.50	cps
Silicon	28-1	46029137	45625867	45501531	45718845	0.60	cps
Silver	109-1	3441913	3495460	3472694	3470022	0.77	cps
Silver	107-1	3627307	3669097	3635473	3643959	0.61	cps
Sodium	23-2	24614897	24788309	24747971	24717059	0.37	cps
Strontium	86-1	3221757	3272364	3257897	3250672	0.80	cps
Strontium	88-1	28286915	28452636	28463160	28400904	0.35	cps
Sulfur	34-1	390431	387959	390442	389610	0.37	cps
Terbium	159-1	12473019	12452451	12550061	12491844	0.41	cps
Terbium	159-2	7936680	7968844	7979623	7961716	0.28	cps
Thallium	203-1	3195826	3241007	3232335	3223056	0.74	cps
Thallium	205-1	7693302	7751332	7772090	7738908	0.53	cps
Tin	118-1	3039282	3060521	3069920	3056574	0.51	cps
Titanium	47-1	13369322	13524566	13544525	13479471	0.71	cps
Uranium	238-1	10331263	10426205	10577406	10444958	1.19	cps
Vanadium	51-2	2148584	2157267	2174308	2160053	0.61	cps
Yttrium	89-1	13606326	13665230	13763591	13678382	0.58	cps
Yttrium	89-2	2590088	2597206	2615607	2600967	0.51	cps
Zinc	66-2	778384	786637	789048	784690	0.71	cps
Zirconium	90-1	7404182	7494939	7476511	7458544	0.64	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-01A	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(3-8)A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:49:56	DataFile Name :	074SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1650724	1676149	1656244	1661039	0.81	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:53:33	DataFile Name :	075SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14560804	14768983	14766122	14698636	0.81	cps
Antimony	121-1	6277	6177	5993	6149	2.34	cps
Arsenic	75-2	33832	34056	34311	34066	0.70	cps
Barium	135-1	730209	733772	738443	734141	0.56	cps
Barium	137-1	1267173	1280070	1281248	1276164	0.61	cps
Beryllium	9-1	18017	18361	17293	17891	3.05	cps
Bismuth	209-1	6407344	6503297	6491844	6467495	0.81	cps
Bismuth	209-2	4798774	4829642	4869970	4832796	0.74	cps
Boron	10-1	38726	39001	39694	39140	1.28	cps
Boron	11-1	185862	186703	189793	187453	1.10	cps
Cadmium	111-1	6090	6384	5895	6123	4.02	cps
Cadmium	106-1	7302	7361	6969	7210	2.93	cps
Cadmium	108-1	1442	1271	1292	1335	6.98	cps
Calcium	43-1	499723	500052	505057	501611	0.60	cps
Calcium	44-1	8098436	8151582	8211273	8153764	0.69	cps
Chromium	52-2	1109767	1114387	1119530	1114561	0.44	cps
Cobalt	59-2	526096	535726	535836	532552	1.05	cps
Copper	63-2	485553	492589	491222	489788	0.76	cps
Dysprosium	156-1	330733	335027	338872	334878	1.22	cps
Dysprosium	156-2	224546	226879	225607	225677	0.52	cps
Erbium	164-1	303360	307192	304236	304929	0.66	cps
Erbium	164-2	194796	195157	196233	195395	0.38	cps
Gadolinium	160-1	333262	339173	337782	336739	0.92	cps
Gadolinium	160-2	238291	237878	237000	237723	0.28	cps
Holmium	165-1	12091796	12444290	12342029	12292705	1.48	cps
Holmium	165-2	8123581	8085413	8205182	8138058	0.75	cps
Indium	115-1	9626114	9822653	9725661	9724809	1.01	cps
Indium	115-2	2544633	2554017	2591491	2563380	0.97	cps
Iron	56-2	917405598	929542510	928159821	925035976	0.72	cps
Iron	57-2	22559563	22658887	22788650	22669033	0.51	cps
Lead	206-1	764908	760304	766715	763976	0.43	cps
Lead	207-1	610953	613644	615795	613464	0.40	cps
Lead	208-1	2884142	2894526	2906332	2895000	0.38	cps
Lithium	6-1	3835867	3947542	3938942	3907450	1.59	cps
Magnesium	24-2	18029119	18181282	18205475	18138625	0.53	cps
Manganese	55-2	8114719	8175753	8194040	8161504	0.51	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:53:33	DataFile Name :	075SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608939	616262	619285	614829	0.87	cps
Molybdenum	95-1	94394	94881	95569	94948	0.62	cps
Molybdenum	96-1	199686	201443	200574	200568	0.44	cps
Molybdenum	97-1	59315	58596	59458	59123	0.78	cps
Molybdenum	98-1	147347	150630	152871	150282	1.85	cps
Neodymium	150-1	497861	506071	504718	502884	0.88	cps
Neodymium	150-2	255832	257956	257720	257169	0.45	cps
Nickel	60-2	333250	337280	337364	335965	0.70	cps
Phosphorus	31-2	22367	23344	22868	22860	2.14	cps
Potassium	39-2	7744485	7803782	7844830	7797699	0.65	cps
Rhodium	103-1	8995090	9164678	9111771	9090513	0.95	cps
Rhodium	103-2	5257588	5255999	5340253	5284614	0.91	cps
Scandium	45-1	8287971	8542552	8459923	8430149	1.54	cps
Scandium	45-2	442768	446994	453972	447912	1.26	cps
Selenium	77-2	1063	910	1003	992	7.79	cps
Selenium	78-2	894	857	887	880	2.23	cps
Selenium	82-1	2662	2744	2985	2797	6.00	cps
Silicon	28-1	28974391	28899050	29243008	29038816	0.62	cps
Silver	109-1	11689	12306	12164	12053	2.68	cps
Silver	107-1	12406	13182	13382	12990	3.97	cps
Sodium	23-2	9169172	9180228	9267218	9205539	0.58	cps
Strontium	86-1	548307	554520	561705	554844	1.21	cps
Strontium	88-1	4848308	4874232	4901137	4874559	0.54	cps
Sulfur	34-1	5855917	5850261	5938851	5881677	0.84	cps
Terbium	159-1	12553616	12846646	12674511	12691591	1.16	cps
Terbium	159-2	8021360	8011361	8104552	8045758	0.64	cps
Thallium	203-1	10555	10722	10396	10557	1.54	cps
Thallium	205-1	26853	25526	25684	26021	2.79	cps
Tin	118-1	12139	11830	12047	12006	1.32	cps
Titanium	47-1	2470440	2507989	2530876	2503102	1.22	cps
Uranium	238-1	357857	356583	363704	359381	1.06	cps
Vanadium	51-2	916515	926867	927123	923501	0.66	cps
Yttrium	89-1	15364739	15823503	15701879	15630040	1.52	cps
Yttrium	89-2	2926166	2935038	2980431	2947211	0.99	cps
Zinc	66-2	341399	346410	347597	345136	0.95	cps
Zirconium	90-1	1544498	1561940	1575219	1560552	0.99	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:53:33	DataFile Name :	075SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	344597	346989	349749	347112	0.74	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(55-57)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:57:08	DataFile Name :	076SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10932539	11039273	10894378	10955397	0.69	cps
Antimony	121-1	1817	2192	1984	1997	9.41	cps
Arsenic	75-2	12910	12793	12657	12787	0.99	cps
Barium	135-1	2272559	2284189	2280362	2279037	0.26	cps
Barium	137-1	3964254	4001871	4003188	3989771	0.55	cps
Beryllium	9-1	14741	14446	14846	14678	1.41	cps
Bismuth	209-1	6398331	6361106	6421970	6393802	0.48	cps
Bismuth	209-2	4766292	4745205	4716374	4742624	0.53	cps
Boron	10-1	14107	14950	14808	14621	3.08	cps
Boron	11-1	68623	69870	70623	69705	1.45	cps
Cadmium	111-1	5493	5477	5915	5628	4.41	cps
Cadmium	106-1	6335	6385	6969	6563	5.37	cps
Cadmium	108-1	1029	1150	1150	1110	6.29	cps
Calcium	43-1	7324454	7376912	7359240	7353535	0.36	cps
Calcium	44-1	117857603	118541111	118586115	118328276	0.35	cps
Chromium	52-2	568208	572513	568666	569796	0.41	cps
Cobalt	59-2	523526	532731	528555	528271	0.87	cps
Copper	63-2	725273	736554	728127	729985	0.80	cps
Dysprosium	156-1	288971	288801	292749	290174	0.77	cps
Dysprosium	156-2	191226	195384	191063	192558	1.27	cps
Erbium	164-1	248610	247907	247408	247975	0.24	cps
Erbium	164-2	159824	159622	159686	159711	0.06	cps
Gadolinium	160-1	285362	286727	288144	286745	0.49	cps
Gadolinium	160-2	201795	201464	200001	201087	0.47	cps
Holmium	165-1	12128745	12204260	12248893	12193966	0.50	cps
Holmium	165-2	8071893	8068783	7995007	8045228	0.54	cps
Indium	115-1	9777968	9762009	9853934	9797970	0.50	cps
Indium	115-2	2523025	2551141	2526599	2533588	0.60	cps
Iron	56-2	554922446	557578068	555276335	555925616	0.26	cps
Iron	57-2	13647929	13765481	13618452	13677287	0.57	cps
Lead	206-1	544647	547424	544180	545417	0.32	cps
Lead	207-1	437251	442002	442342	440531	0.65	cps
Lead	208-1	2071857	2087971	2076564	2078797	0.40	cps
Lithium	6-1	3887174	3868273	3891076	3882174	0.31	cps
Magnesium	24-2	23915765	24013045	23943469	23957426	0.21	cps
Manganese	55-2	11179604	11235493	11221184	11212094	0.26	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(55-57)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:57:08	DataFile Name :	076SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	452690	456767	461203	456887	0.93	cps
Molybdenum	95-1	10062	10112	10521	10232	2.46	cps
Molybdenum	96-1	87711	89850	90277	89279	1.54	cps
Molybdenum	97-1	6410	6677	6310	6466	2.93	cps
Molybdenum	98-1	15818	16193	15901	15971	1.23	cps
Neodymium	150-1	429632	436347	434141	433373	0.79	cps
Neodymium	150-2	219865	222588	220576	221009	0.64	cps
Nickel	60-2	337383	338895	339606	338628	0.34	cps
Phosphorus	31-2	36070	35652	35493	35738	0.83	cps
Potassium	39-2	6057055	6079664	6035821	6057513	0.36	cps
Rhodium	103-1	9054249	9020627	9110836	9061904	0.50	cps
Rhodium	103-2	5104184	5174562	5105070	5127939	0.79	cps
Scandium	45-1	8275625	8287412	8382792	8315276	0.71	cps
Scandium	45-2	431014	430507	427717	429746	0.41	cps
Selenium	77-2	807	853	903	854	5.66	cps
Selenium	78-2	669	630	678	659	3.88	cps
Selenium	82-1	2400	2429	2345	2391	1.79	cps
Silicon	28-1	16609969	16602096	16654650	16622238	0.17	cps
Silver	109-1	6102	7886	9579	7855	22.13	cps
Silver	107-1	7060	8887	10137	8695	17.80	cps
Sodium	23-2	1508471	1512077	1514644	1511731	0.21	cps
Strontium	86-1	1665046	1677080	1667629	1669918	0.38	cps
Strontium	88-1	14664213	14812427	14844972	14773871	0.65	cps
Sulfur	34-1	748072	747649	749107	748276	0.10	cps
Terbium	159-1	12644019	12707520	12858164	12736568	0.86	cps
Terbium	159-2	7973571	8005599	7889644	7956272	0.75	cps
Thallium	203-1	10230	9737	10104	10024	2.55	cps
Thallium	205-1	24615	23747	24758	24373	2.24	cps
Tin	118-1	10871	10262	11030	10721	3.78	cps
Titanium	47-1	2249944	2291341	2274240	2271842	0.92	cps
Uranium	238-1	149787	147526	148868	148727	0.76	cps
Vanadium	51-2	574191	578574	575219	575995	0.40	cps
Yttrium	89-1	14985136	14999642	15111796	15032191	0.46	cps
Yttrium	89-2	2760897	2782995	2762117	2768670	0.45	cps
Zinc	66-2	250269	254333	250405	251669	0.92	cps
Zirconium	90-1	1228987	1242176	1250421	1240528	0.87	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-01	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(55-57)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 18:57:08	DataFile Name :	076SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	277184	276914	279683	277927	0.55	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:03:20	DataFile Name :	077CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5744960	5830358	5718887	5764735	1.01	cps
Antimony	121-1	4182046	4173332	4190493	4181957	0.21	cps
Arsenic	75-2	184803	186611	184932	185449	0.54	cps
Barium	135-1	5187439	5205711	5154801	5182650	0.50	cps
Barium	137-1	9091780	9077521	9053074	9074125	0.22	cps
Beryllium	9-1	1147268	1134763	1140637	1140889	0.55	cps
Bismuth	209-1	6242461	6428527	6469977	6380322	1.90	cps
Bismuth	209-2	4814968	4709186	4845257	4789804	1.49	cps
Boron	10-1	122881	126373	125609	124954	1.47	cps
Boron	11-1	572722	581727	588896	581115	1.39	cps
Cadmium	111-1	939274	944233	939183	940897	0.31	cps
Cadmium	106-1	100403	103233	102663	102099	1.47	cps
Cadmium	108-1	69846	70307	68343	69499	1.48	cps
Calcium	43-1	7695207	7642166	7614454	7650609	0.54	cps
Calcium	44-1	123753190	123166024	122384032	123101082	0.56	cps
Chromium	52-2	1722688	1728198	1703593	1718159	0.75	cps
Cobalt	59-2	2516299	2544855	2521505	2527553	0.60	cps
Copper	63-2	3364995	3374382	3359208	3366195	0.23	cps
Dysprosium	156-1	100	158	67	108	42.83	cps
Dysprosium	156-2	110	117	110	112	3.43	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	37	33	37	36	5.42	cps
Gadolinium	160-1	125	100	108	111	11.46	cps
Gadolinium	160-2	207	177	260	214	19.68	cps
Holmium	165-1	12096583	12552179	12485236	12377999	1.99	cps
Holmium	165-2	8221587	7957361	8236597	8138515	1.93	cps
Indium	115-1	9584224	9976765	9959084	9840024	2.25	cps
Indium	115-2	2586130	2514048	2587848	2562675	1.64	cps
Iron	56-2	344149230	345727286	343603052	344493189	0.32	cps
Iron	57-2	8475436	8507504	8416789	8466577	0.54	cps
Lead	206-1	2719993	2694316	2699413	2704574	0.50	cps
Lead	207-1	2388644	2395405	2397113	2393720	0.19	cps
Lead	208-1	10816410	10803606	10845065	10821693	0.20	cps
Lithium	6-1	3645936	3690509	3710730	3682391	0.90	cps
Magnesium	24-2	64414943	64942535	63615947	64324475	1.04	cps
Manganese	55-2	1930013	1951737	1932055	1937935	0.62	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:03:20	DataFile Name :	077CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9214529	9187722	9153970	9185407	0.33	cps
Molybdenum	95-1	11287395	11351182	11181601	11273392	0.76	cps
Molybdenum	96-1	12482784	12501539	12398162	12460828	0.44	cps
Molybdenum	97-1	7006450	7051588	6970073	7009370	0.58	cps
Molybdenum	98-1	18005592	18100021	17951254	18018955	0.42	cps
Neodymium	150-1	233	220	193	216	9.45	cps
Neodymium	150-2	57	80	57	64	20.90	cps
Nickel	60-2	652067	658126	652942	654378	0.50	cps
Phosphorus	31-2	61887	61352	61837	61692	0.48	cps
Potassium	39-2	34083929	34232350	33790383	34035554	0.66	cps
Rhodium	103-1	8917329	9231200	9243081	9130537	2.02	cps
Rhodium	103-2	5210781	5035090	5221943	5155938	2.03	cps
Scandium	45-1	7708674	7964772	7941770	7871739	1.80	cps
Scandium	45-2	413379	402924	415790	410698	1.67	cps
Selenium	77-2	3964	3697	3801	3821	3.52	cps
Selenium	78-2	13158	13208	12937	13101	1.10	cps
Selenium	82-1	66374	66200	65552	66042	0.66	cps
Silicon	28-1	4031551	3961743	3958521	3983938	1.04	cps
Silver	109-1	4592505	4569108	4565653	4575755	0.32	cps
Silver	107-1	4816529	4795423	4798564	4803505	0.24	cps
Sodium	23-2	122267394	122349736	121671282	122096137	0.30	cps
Strontium	86-1	1458115	1450958	1456213	1455096	0.25	cps
Strontium	88-1	12764717	12746149	12738592	12749819	0.11	cps
Sulfur	34-1	783199	776380	773597	777725	0.64	cps
Terbium	159-1	12566219	12857110	12929714	12784348	1.50	cps
Terbium	159-2	8121208	7886523	8061893	8023208	1.52	cps
Thallium	203-1	3322544	3294092	3296533	3304390	0.48	cps
Thallium	205-1	8089775	8005174	8094745	8063231	0.62	cps
Tin	118-1	3309850	3312127	3300229	3307402	0.19	cps
Titanium	47-1	3571819	3584750	3564461	3573677	0.29	cps
Uranium	238-1	10998779	10933035	11066780	10999531	0.61	cps
Vanadium	51-2	1430529	1436508	1423112	1430049	0.47	cps
Yttrium	89-1	11462544	11777846	11723601	11654664	1.45	cps
Yttrium	89-2	2166397	2106126	2176584	2149702	1.77	cps
Zinc	66-2	467150	469279	466947	467792	0.28	cps
Zirconium	90-1	7820393	7820174	7757501	7799356	0.46	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:03:20	DataFile Name :	077CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1720466	1726708	1723232	1723469	0.18	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:12:23	DataFile Name :	078CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	175	250	200	21.65	cps
Antimony	121-1	1725	1617	1709	1684	3.47	cps
Arsenic	75-2	15	13	20	16	24.03	cps
Barium	135-1	158	158	67	128	41.42	cps
Barium	137-1	267	258	250	258	3.23	cps
Beryllium	9-1	194	183	172	183	6.06	cps
Bismuth	209-1	7113532	7231418	7215398	7186782	0.89	cps
Bismuth	209-2	5368803	5416210	5382925	5389313	0.45	cps
Boron	10-1	2184	2300	2325	2270	3.33	cps
Boron	11-1	10562	10671	9837	10357	4.38	cps
Cadmium	111-1	1797	1793	1849	1813	1.71	cps
Cadmium	106-1	2525	2542	2634	2567	2.27	cps
Cadmium	108-1	0	4	17	7	124.88	cps
Calcium	43-1	258	333	350	314	15.56	cps
Calcium	44-1	23737	23228	23428	23464	1.09	cps
Chromium	52-2	357	450	433	413	12.04	cps
Cobalt	59-2	100	100	97	99	1.94	cps
Copper	63-2	757	707	733	732	3.42	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	33	40	50	41	20.41	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	193	163	197	184	9.95	cps
Holmium	165-1	12770702	12715951	12634827	12707160	0.54	cps
Holmium	165-2	8335697	8391551	8409427	8378891	0.46	cps
Indium	115-1	10553754	10556276	10501792	10537274	0.29	cps
Indium	115-2	2679718	2694958	2714561	2696412	0.65	cps
Iron	56-2	15342	15047	14875	15088	1.57	cps
Iron	57-2	717	683	628	676	6.64	cps
Lead	206-1	2172	2122	2045	2113	3.05	cps
Lead	207-1	1906	1900	1850	1885	1.62	cps
Lead	208-1	8524	8635	8162	8440	2.93	cps
Lithium	6-1	3960149	3955743	3933435	3949776	0.36	cps
Magnesium	24-2	1608	1684	1467	1586	6.94	cps
Manganese	55-2	140	153	133	142	7.16	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:12:23	DataFile Name :	078CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	758	575	800	711	16.83	cps
Molybdenum	95-1	617	608	608	611	0.79	cps
Molybdenum	96-1	825	608	725	719	15.07	cps
Molybdenum	97-1	433	450	425	436	2.92	cps
Molybdenum	98-1	892	850	858	867	2.54	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	33	53	47	44	22.92	cps
Phosphorus	31-2	167	142	142	150	9.62	cps
Potassium	39-2	36588	37239	37423	37083	1.18	cps
Rhodium	103-1	10071569	10067805	10119699	10086358	0.29	cps
Rhodium	103-2	5749466	5773518	5777588	5766857	0.26	cps
Scandium	45-1	7966731	7992442	8009111	7989428	0.27	cps
Scandium	45-2	413650	416292	417867	415936	0.51	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	115	94	124	111	13.64	cps
Selenium	82-1	2073	1954	1909	1978	4.28	cps
Silicon	28-1	329930	333451	331229	331537	0.54	cps
Silver	109-1	2825	5385	7052	5087	41.85	cps
Silver	107-1	3150	5068	7336	5185	40.41	cps
Sodium	23-2	20557	20740	21049	20782	1.20	cps
Strontium	86-1	600	742	642	661	11.01	cps
Strontium	88-1	367	433	367	389	9.90	cps
Sulfur	34-1	349835	350357	351352	350515	0.22	cps
Terbium	159-1	13184518	13219866	13209129	13204504	0.14	cps
Terbium	159-2	8245236	8321301	8292371	8286302	0.46	cps
Thallium	203-1	317	375	400	364	11.75	cps
Thallium	205-1	842	850	900	864	3.65	cps
Tin	118-1	1075	1175	967	1072	9.72	cps
Titanium	47-1	183	258	183	208	20.79	cps
Uranium	238-1	167	175	200	181	9.61	cps
Vanadium	51-2	30	40	40	37	15.75	cps
Yttrium	89-1	11933712	11971670	11975928	11960437	0.19	cps
Yttrium	89-2	2170797	2188834	2197172	2185601	0.62	cps
Zinc	66-2	340	380	300	340	11.76	cps
Zirconium	90-1	1483	1400	1417	1433	3.08	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:12:23	DataFile Name :	078CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	267	400	325	20.99	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:15:56	DataFile Name :	079SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11381157	11383844	11369319	11378107	0.07	cps
Antimony	121-1	1950	1900	2125	1992	5.93	cps
Arsenic	75-2	9939	10276	10085	10100	1.67	cps
Barium	135-1	2306380	2319703	2332966	2319683	0.57	cps
Barium	137-1	4030235	4024412	4056250	4036966	0.42	cps
Beryllium	9-1	16954	16137	15892	16328	3.41	cps
Bismuth	209-1	6161504	6266758	6385026	6271096	1.78	cps
Bismuth	209-2	4603234	4739296	4790229	4710920	2.05	cps
Boron	10-1	16368	17277	17786	17144	4.19	cps
Boron	11-1	79417	80949	80414	80260	0.97	cps
Cadmium	111-1	5425	5487	5342	5418	1.35	cps
Cadmium	106-1	6010	6052	6243	6102	2.04	cps
Cadmium	108-1	1017	963	1029	1003	3.53	cps
Calcium	43-1	7003936	7052815	7096406	7051052	0.66	cps
Calcium	44-1	112730819	113061978	113655386	113149394	0.41	cps
Chromium	52-2	621254	626563	624821	624213	0.43	cps
Cobalt	59-2	542193	544407	546548	544383	0.40	cps
Copper	63-2	720479	726254	728606	725113	0.58	cps
Dysprosium	156-1	309116	308092	309769	308993	0.27	cps
Dysprosium	156-2	206867	208316	210471	208552	0.87	cps
Erbium	164-1	254839	255130	257089	255686	0.48	cps
Erbium	164-2	163133	165617	166023	164924	0.95	cps
Gadolinium	160-1	294115	297832	300689	297545	1.11	cps
Gadolinium	160-2	211458	211688	212905	212017	0.37	cps
Holmium	165-1	11913082	12026393	12030823	11990099	0.56	cps
Holmium	165-2	7856894	8044344	8050070	7983770	1.38	cps
Indium	115-1	9332176	9534535	9554781	9473831	1.30	cps
Indium	115-2	2470657	2527385	2530273	2509438	1.34	cps
Iron	56-2	496739000	497666856	499456133	497953996	0.28	cps
Iron	57-2	12234284	12264726	12237990	12245667	0.14	cps
Lead	206-1	526255	530044	533863	530054	0.72	cps
Lead	207-1	426465	425417	429163	427015	0.45	cps
Lead	208-1	2014039	2014471	2044108	2024206	0.85	cps
Lithium	6-1	3624922	3685307	3693978	3668069	1.03	cps
Magnesium	24-2	25333907	25281200	25494170	25369759	0.44	cps
Manganese	55-2	11124602	11192773	11201828	11173068	0.38	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:15:56	DataFile Name :	079SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400125	400964	403610	401566	0.45	cps
Molybdenum	95-1	9170	9737	10046	9651	4.60	cps
Molybdenum	96-1	79094	79924	78976	79331	0.65	cps
Molybdenum	97-1	5826	6102	5935	5954	2.33	cps
Molybdenum	98-1	14933	15200	14992	15042	0.93	cps
Neodymium	150-1	497826	496432	503570	499276	0.76	cps
Neodymium	150-2	260086	261387	261921	261131	0.36	cps
Nickel	60-2	351751	353837	353788	353126	0.34	cps
Phosphorus	31-2	33104	34115	32871	33363	1.98	cps
Potassium	39-2	8412501	8432682	8514803	8453329	0.64	cps
Rhodium	103-1	8668114	8724333	8793603	8728683	0.72	cps
Rhodium	103-2	4945186	5062378	5066916	5024827	1.37	cps
Scandium	45-1	8028516	8132647	8115220	8092128	0.69	cps
Scandium	45-2	416537	428927	431402	425622	1.87	cps
Selenium	77-2	903	963	963	943	3.67	cps
Selenium	78-2	691	743	748	727	4.35	cps
Selenium	82-1	2525	2336	2301	2388	5.04	cps
Silicon	28-1	45697258	46401718	46639929	46246302	1.06	cps
Silver	109-1	3759	5068	5685	4837	20.33	cps
Silver	107-1	4676	5801	6885	5788	19.09	cps
Sodium	23-2	1273491	1281605	1287024	1280707	0.53	cps
Strontium	86-1	1440288	1453124	1448728	1447380	0.45	cps
Strontium	88-1	12785748	12764789	12789297	12779945	0.10	cps
Sulfur	34-1	601270	599773	601728	600924	0.17	cps
Terbium	159-1	12248059	12470094	12634178	12450777	1.56	cps
Terbium	159-2	7804222	7999348	7985262	7929611	1.37	cps
Thallium	203-1	12648	12807	12999	12818	1.37	cps
Thallium	205-1	30854	31940	31263	31352	1.75	cps
Tin	118-1	10071	9804	10404	10093	2.98	cps
Titanium	47-1	4683499	4693968	4713762	4697076	0.33	cps
Uranium	238-1	214937	219700	221217	218618	1.50	cps
Vanadium	51-2	704135	710422	710945	708501	0.53	cps
Yttrium	89-1	14592228	14688965	14773746	14684980	0.62	cps
Yttrium	89-2	2744199	2775504	2792873	2770859	0.89	cps
Zinc	66-2	268631	270084	271456	270057	0.52	cps
Zirconium	90-1	1084722	1094281	1094378	1091127	0.51	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3886-02	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:15:56	DataFile Name :	079SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	243319	243452	243494	243422	0.04	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02DLX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 19:21:50	DataFile Name :	080SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2967701	2955683	2990971	2971452	0.60	cps
Antimony	121-1	567	758	692	672	14.48	cps
Arsenic	75-2	7007	6842	7041	6963	1.52	cps
Barium	135-1	151171	146271	148248	148563	1.66	cps
Barium	137-1	258589	257309	258667	258188	0.30	cps
Beryllium	9-1	3467	3562	3712	3580	3.44	cps
Bismuth	209-1	6880045	6958927	6969684	6936219	0.71	cps
Bismuth	209-2	5204640	5198168	5216258	5206355	0.18	cps
Boron	10-1	8303	8861	9095	8753	4.65	cps
Boron	11-1	39653	39903	40681	40079	1.34	cps
Cadmium	111-1	2839	2677	2709	2742	3.13	cps
Cadmium	106-1	3651	3459	3551	3553	2.70	cps
Cadmium	108-1	238	242	258	246	4.48	cps
Calcium	43-1	103167	102512	105574	103751	1.55	cps
Calcium	44-1	1687829	1684911	1689919	1687553	0.15	cps
Chromium	52-2	223938	224225	226040	224734	0.51	cps
Cobalt	59-2	108967	108554	109185	108902	0.29	cps
Copper	63-2	101690	100979	100827	101166	0.46	cps
Dysprosium	156-1	68781	68061	68388	68410	0.53	cps
Dysprosium	156-2	45284	45779	45498	45521	0.55	cps
Erbium	164-1	59924	60669	60845	60479	0.81	cps
Erbium	164-2	38618	38999	38955	38857	0.54	cps
Gadolinium	160-1	66914	68121	66496	67177	1.26	cps
Gadolinium	160-2	47124	48091	47867	47694	1.06	cps
Holmium	165-1	12550862	12658759	12624192	12611271	0.44	cps
Holmium	165-2	8305584	8356474	8338776	8333611	0.31	cps
Indium	115-1	10325859	10374825	10427813	10376166	0.49	cps
Indium	115-2	2648089	2695165	2698216	2680490	1.05	cps
Iron	56-2	187795971	186520860	187896271	187404367	0.41	cps
Iron	57-2	4548717	4567874	4564716	4560436	0.23	cps
Lead	206-1	153939	155683	155133	154918	0.58	cps
Lead	207-1	123568	124514	123730	123937	0.41	cps
Lead	208-1	583667	589826	584983	586159	0.55	cps
Lithium	6-1	3862416	3900607	3944162	3902395	1.05	cps
Magnesium	24-2	3643028	3650953	3663619	3652533	0.28	cps
Manganese	55-2	1625437	1628696	1639368	1631167	0.45	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02DLX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 19:21:50	DataFile Name :	080SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	126000	126027	125807	125945	0.10	cps
Molybdenum	95-1	20298	20365	20432	20365	0.33	cps
Molybdenum	96-1	42515	41060	41829	41801	1.74	cps
Molybdenum	97-1	12715	13307	12831	12951	2.42	cps
Molybdenum	98-1	33298	32998	32914	33070	0.61	cps
Neodymium	150-1	101578	100820	102975	101791	1.07	cps
Neodymium	150-2	50897	52449	51927	51758	1.53	cps
Nickel	60-2	69176	69343	69290	69269	0.12	cps
Phosphorus	31-2	4718	4634	4943	4765	3.35	cps
Potassium	39-2	1575671	1589225	1609947	1591614	1.08	cps
Rhodium	103-1	9868965	9928652	9844648	9880755	0.44	cps
Rhodium	103-2	5615910	5628833	5602001	5615581	0.24	cps
Scandium	45-1	8092668	8133622	8105911	8110734	0.26	cps
Scandium	45-2	420527	425058	426360	423982	0.72	cps
Selenium	77-2	177	213	200	197	9.44	cps
Selenium	78-2	230	246	263	246	6.77	cps
Selenium	82-1	2163	2123	2241	2176	2.76	cps
Silicon	28-1	12520026	12581070	12460514	12520537	0.48	cps
Silver	109-1	2000	2267	2667	2311	14.52	cps
Silver	107-1	1984	2459	3359	2600	26.86	cps
Sodium	23-2	1812427	1825807	1831363	1823199	0.53	cps
Strontium	86-1	111842	113899	112982	112908	0.91	cps
Strontium	88-1	979952	983222	984541	982571	0.24	cps
Sulfur	34-1	1709314	1696086	1694283	1699894	0.48	cps
Terbium	159-1	13099651	13003290	13143764	13082235	0.55	cps
Terbium	159-2	8255859	8257082	8224821	8245921	0.22	cps
Thallium	203-1	1967	2334	1992	2097	9.77	cps
Thallium	205-1	4818	5243	5101	5054	4.28	cps
Tin	118-1	2700	2892	2592	2728	5.57	cps
Titanium	47-1	610925	611216	606318	609486	0.45	cps
Uranium	238-1	71012	71256	70795	71021	0.32	cps
Vanadium	51-2	183691	185925	187028	185548	0.92	cps
Yttrium	89-1	12793278	12776753	12872464	12814165	0.40	cps
Yttrium	89-2	2347818	2366593	2357506	2357306	0.40	cps
Zinc	66-2	73407	72352	72733	72830	0.73	cps
Zirconium	90-1	314157	311342	315697	313732	0.70	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	J3864-02DLX5	Instrumnet Name :	P7
Client Sample ID :	EPE-108-6A(19-21)DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-08 19:21:50	DataFile Name :	080SMPL_P7070818MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	69435	70893	70725	70351	1.13	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:25:26	DataFile Name :	081CCV_P7070818MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5743337	5780901	5795977	5773405	0.47	cps
Antimony	121-1	4191153	4176148	4200358	4189220	0.29	cps
Arsenic	75-2	186083	186588	187051	186574	0.26	cps
Barium	135-1	5156316	5142272	5171340	5156643	0.28	cps
Barium	137-1	9039069	8903738	8981416	8974741	0.76	cps
Beryllium	9-1	1121986	1124808	1112050	1119615	0.60	cps
Bismuth	209-1	6310518	6346386	6512343	6389749	1.69	cps
Bismuth	209-2	4850595	5014772	4913377	4926248	1.68	cps
Boron	10-1	116404	122988	123610	121000	3.30	cps
Boron	11-1	548299	570514	573404	564072	2.44	cps
Cadmium	111-1	945189	931123	932224	936179	0.84	cps
Cadmium	106-1	102679	102445	102116	102413	0.28	cps
Cadmium	108-1	69520	69984	68925	69476	0.76	cps
Calcium	43-1	7577303	7601762	7603290	7594118	0.19	cps
Calcium	44-1	121678265	122233494	121646640	121852800	0.27	cps
Chromium	52-2	1722615	1722964	1730196	1725258	0.25	cps
Cobalt	59-2	2521613	2538845	2544958	2535139	0.48	cps
Copper	63-2	3378607	3369272	3379285	3375721	0.17	cps
Dysprosium	156-1	100	75	117	97	21.57	cps
Dysprosium	156-2	97	103	100	100	3.33	cps
Erbium	164-1	125	50	58	78	52.85	cps
Erbium	164-2	50	60	30	47	32.73	cps
Gadolinium	160-1	108	100	150	119	22.43	cps
Gadolinium	160-2	197	170	200	189	8.71	cps
Holmium	165-1	12255634	12373654	12640073	12423120	1.59	cps
Holmium	165-2	8372600	8530182	8343873	8415552	1.19	cps
Indium	115-1	9803114	9873147	10020028	9898763	1.12	cps
Indium	115-2	2633971	2707485	2643532	2661663	1.50	cps
Iron	56-2	344433441	347503586	346290141	346075723	0.45	cps
Iron	57-2	8459558	8480610	8550960	8497043	0.56	cps
Lead	206-1	2700967	2689965	2688030	2692987	0.26	cps
Lead	207-1	2385472	2375185	2366718	2375792	0.40	cps
Lead	208-1	10716038	10728858	10664901	10703266	0.32	cps
Lithium	6-1	3593831	3616732	3670213	3626925	1.08	cps
Magnesium	24-2	64035431	64370968	64697035	64367811	0.51	cps
Manganese	55-2	1937698	1953186	1951066	1947317	0.43	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:25:26	DataFile Name :	081CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9086890	9111651	9125096	9107879	0.21	cps
Molybdenum	95-1	11217665	11286189	11190044	11231299	0.44	cps
Molybdenum	96-1	12434366	12451228	12436756	12440783	0.07	cps
Molybdenum	97-1	7002990	6954035	6934565	6963863	0.51	cps
Molybdenum	98-1	17913049	17927237	17776556	17872280	0.47	cps
Neodymium	150-1	260	273	180	238	21.23	cps
Neodymium	150-2	47	77	47	57	30.56	cps
Nickel	60-2	658014	656633	656275	656974	0.14	cps
Phosphorus	31-2	59704	62021	60130	60618	2.03	cps
Potassium	39-2	33855360	34173840	34260939	34096713	0.63	cps
Rhodium	103-1	9064154	9081883	9317667	9154568	1.55	cps
Rhodium	103-2	5282586	5427153	5298784	5336174	1.48	cps
Scandium	45-1	7745791	7810629	8025281	7860567	1.86	cps
Scandium	45-2	423846	431633	425272	426917	0.97	cps
Selenium	77-2	3867	3991	4134	3997	3.34	cps
Selenium	78-2	13045	13317	13295	13219	1.14	cps
Selenium	82-1	65916	65248	65865	65676	0.57	cps
Silicon	28-1	3884696	3916688	3906626	3902670	0.42	cps
Silver	109-1	4577411	4565258	4558526	4567065	0.21	cps
Silver	107-1	4771853	4811425	4801938	4795072	0.43	cps
Sodium	23-2	122118424	122565915	122860374	122514904	0.30	cps
Strontium	86-1	1436186	1444224	1436638	1439016	0.31	cps
Strontium	88-1	12631452	12726640	12650642	12669578	0.40	cps
Sulfur	34-1	767538	774038	770489	770689	0.42	cps
Terbium	159-1	12715213	12816198	12997962	12843124	1.12	cps
Terbium	159-2	8221434	8431492	8229927	8294285	1.43	cps
Thallium	203-1	3328839	3307023	3288937	3308266	0.60	cps
Thallium	205-1	7991592	7937491	7956006	7961696	0.35	cps
Tin	118-1	3293881	3316175	3284911	3298322	0.49	cps
Titanium	47-1	3540595	3543568	3515718	3533294	0.43	cps
Uranium	238-1	10957412	10815449	10911327	10894729	0.66	cps
Vanadium	51-2	1432416	1432792	1444997	1436735	0.50	cps
Yttrium	89-1	11586015	11663874	11887382	11712424	1.34	cps
Yttrium	89-2	2224241	2272851	2225442	2240845	1.24	cps
Zinc	66-2	465852	470244	469750	468615	0.51	cps
Zirconium	90-1	7808639	7780699	7702184	7763841	0.71	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:25:26	DataFile Name :	081CCV_P7070818MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1723755	1737785	1723609	1728383	0.47	cps

LB Number :	LB96496	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:32:34	DataFile Name :	082CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	342	350	319	14.37	cps
Antimony	121-1	2075	2025	2009	2036	1.70	cps
Arsenic	75-2	7	20	28	19	55.67	cps
Barium	135-1	125	242	150	172	35.67	cps
Barium	137-1	242	292	358	297	19.69	cps
Beryllium	9-1	250	267	194	237	15.95	cps
Bismuth	209-1	7090636	7138868	7069203	7099569	0.50	cps
Bismuth	209-2	5283589	5294615	5376160	5318121	0.95	cps
Boron	10-1	2634	2334	2450	2473	6.12	cps
Boron	11-1	12097	11563	11613	11758	2.51	cps
Cadmium	111-1	2051	2160	2033	2081	3.29	cps
Cadmium	106-1	2867	3059	2867	2931	3.78	cps
Cadmium	108-1	8	21	4	11	78.05	cps
Calcium	43-1	425	450	358	411	11.53	cps
Calcium	44-1	24288	25206	23153	24216	4.25	cps
Chromium	52-2	427	437	360	408	10.22	cps
Cobalt	59-2	90	97	150	112	29.30	cps
Copper	63-2	730	797	687	738	7.51	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	83	75	78	6.19	cps
Erbium	164-2	27	23	47	32	39.17	cps
Gadolinium	160-1	83	58	133	92	41.66	cps
Gadolinium	160-2	147	247	133	176	35.28	cps
Holmium	165-1	12601577	12582741	12556544	12580287	0.18	cps
Holmium	165-2	8169209	8225960	8320277	8238482	0.93	cps
Indium	115-1	10471421	10481523	10472588	10475177	0.05	cps
Indium	115-2	2640699	2677906	2705610	2674738	1.22	cps
Iron	56-2	12589	13262	12789	12880	2.68	cps
Iron	57-2	689	700	778	722	6.71	cps
Lead	206-1	1772	1639	1472	1628	9.23	cps
Lead	207-1	1489	1178	1445	1370	12.28	cps
Lead	208-1	6640	6129	6117	6295	4.74	cps
Lithium	6-1	3881115	3903462	3872214	3885597	0.41	cps
Magnesium	24-2	1692	1483	1333	1503	11.98	cps
Manganese	55-2	157	137	107	133	18.87	cps

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Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-07-08 19:32:34	DataFile Name :	082CCBE_P7070818MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1192	1042	850	1028	16.66	cps
Molybdenum	95-1	1033	917	542	831	30.93	cps
Molybdenum	96-1	850	825	883	853	3.43	cps
Molybdenum	97-1	483	458	542	494	8.65	cps
Molybdenum	98-1	1400	1117	1142	1220	12.86	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	40	77	57	58	31.78	cps
Phosphorus	31-2	150	158	150	153	3.15	cps
Potassium	39-2	38910	38551	37874	38445	1.37	cps
Rhodium	103-1	10014165	10094729	9988021	10032305	0.55	cps
Rhodium	103-2	5614605	5632092	5763014	5669903	1.43	cps
Scandium	45-1	7921596	8021447	7921493	7954845	0.73	cps
Scandium	45-2	405020	408483	414978	409494	1.23	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	104	100	141	115	19.62	cps
Selenium	82-1	1986	1930	2129	2015	5.10	cps
Silicon	28-1	332597	330752	330333	331227	0.36	cps
Silver	109-1	750	1158	1500	1136	33.05	cps
Silver	107-1	575	1092	1675	1114	49.41	cps
Sodium	23-2	21249	21800	20707	21252	2.57	cps
Strontium	86-1	542	600	617	586	6.72	cps
Strontium	88-1	383	425	500	436	13.56	cps
Sulfur	34-1	347832	349510	349318	348887	0.26	cps
Terbium	159-1	13099307	13132228	13072214	13101250	0.23	cps
Terbium	159-2	8141457	8150567	8227061	8173028	0.58	cps
Thallium	203-1	425	442	375	414	8.38	cps
Thallium	205-1	1167	1075	908	1050	12.47	cps
Tin	118-1	1217	1017	1200	1145	9.70	cps
Titanium	47-1	267	183	208	219	19.49	cps
Uranium	238-1	317	408	175	300	39.19	cps
Vanadium	51-2	50	13	30	31	59.02	cps
Yttrium	89-1	11924996	11968898	11906353	11933416	0.27	cps
Yttrium	89-2	2142834	2163564	2190770	2165723	1.11	cps
Zinc	66-2	280	273	310	288	6.79	cps
Zirconium	90-1	1508	1684	1675	1622	6.09	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	292	333	325	9.25	cps