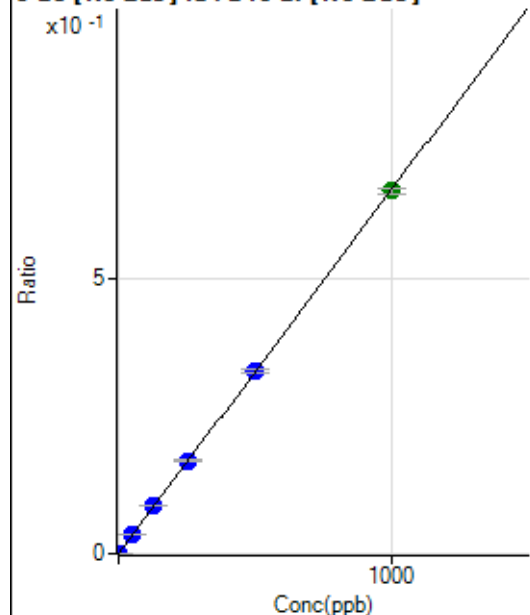


Batch Folder: D:\P8080818-MS.b\
Analysis File: P8080818-MS.batch.bin
DA Date-Time: 2018-08-08 15:37:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-08 12:28:05
2			
3	005CALS.d	S02	2018-08-08 12:35:42
4	006CALS.d	S03	2018-08-08 12:39:25
5	007CALS.d	S04	2018-08-08 12:43:08
6	008CALS.d	S05	2018-08-08 12:46:44
7	009CALS.d	S06	2018-08-08 12:50:14
8	010CALS.d	S07	2018-08-08 12:53:42
9	011CALS.d	S08	2018-08-08 12:57:04

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	10.0
2	☐	0.100					
3	☐	1.000	0.976	1131.56	0.0007	P	10.2
4	☐	50.000	52.740	57569.03	0.0350	P	1.6
5	☐	125.000	130.120	143227.66	0.0862	P	1.1
6	☐	250.000	254.522	281108.78	0.1685	P	2.1
7	☐	500.000	502.995	543616.99	0.3330	P	2.4
8	☐	1000.000	996.595	1068445.40	0.6598	A	1.6
9	☐			548.17	0.0003	P	11.1

$$y = 6.6203\text{E-}004 * x + 4.0408\text{E-}005$$

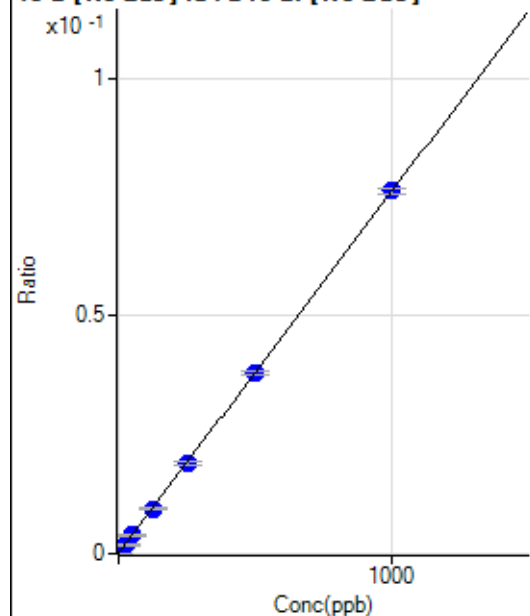
$$R = 1.0000$$

$$DL = 0.01824$$

$$BEC = 0.06104$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.02	0.0002	P	25.7
2	☐	2.500					
3	☐	25.000	22.009	3005.99	0.0018	P	1.1
4	☐	50.000	49.737	6471.20	0.0039	P	6.5
5	☐	125.000	122.588	15734.29	0.0095	P	2.7
6	☐	250.000	247.053	31566.22	0.0189	P	3.5
7	☐	500.000	497.551	61984.35	0.0380	P	1.8
8	☐	1000.000	1002.350	123623.03	0.0763	P	1.7
9	☐			6782.47	0.0043	P	11.6

$$y = 7.6006\text{E-}005 * x + 1.5112\text{E-}004$$

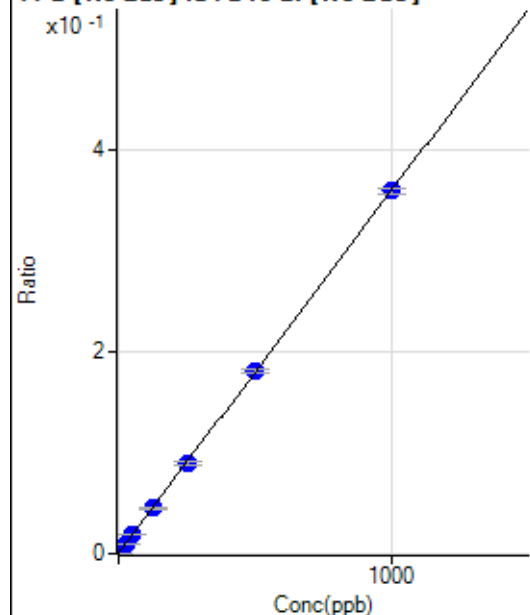
$$R = 1.0000$$

$$DL = 1.534$$

$$BEC = 1.988$$

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	958.41	0.0006	P	4.1
2	☐	2.500					
3	☐	25.000	23.780	15047.39	0.0091	P	1.9
4	☐	50.000	49.951	30524.98	0.0185	P	3.9
5	☐	125.000	125.054	75683.11	0.0455	P	3.9
6	☐	250.000	248.417	149927.62	0.0899	P	3.3
7	☐	500.000	502.547	295922.15	0.1813	P	2.6
8	☐	1000.000	999.149	582754.79	0.3598	P	1.9
9	☐			30597.51	0.0194	P	7.7

$$y = 3.5956\text{E-}004 * x + 5.8036\text{E-}004$$

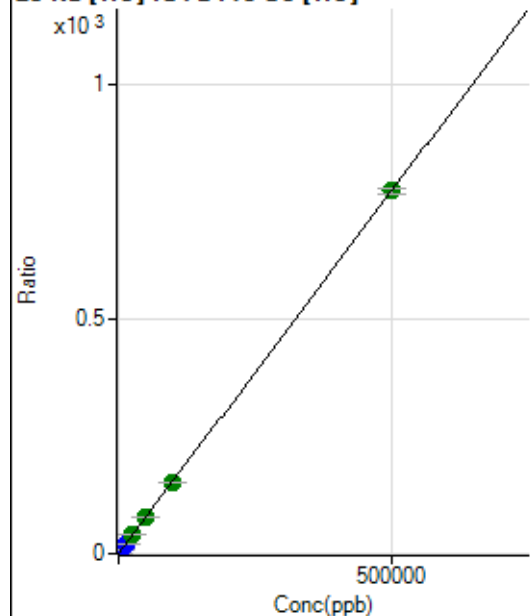
$$R = 1.0000$$

$$DL = 0.1979$$

$$BEC = 1.614$$

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	6121.00	0.1448	P	1.7
2	☐	50.000					
3	☐	500.000	488.657	37709.30	0.8993	P	3.8
4	☐	5000.000	5155.763	337427.84	8.1061	P	1.8
5	☐	12500.000	12749.360	839146.67	19.8318	P	1.6
6	☐	25000.000	25583.671	1657276.30	39.6500	A	1.0
7	☐	50000.000	50888.320	3098773.98	78.7243	A	0.8
8	☐	100000.00	98782.617	6028071.27	152.6806	A	0.4
9	☐	500000.00	500117.68	30961064.93	772.4046	A	1.3

$$y = 0.0015 * x + 0.1448$$

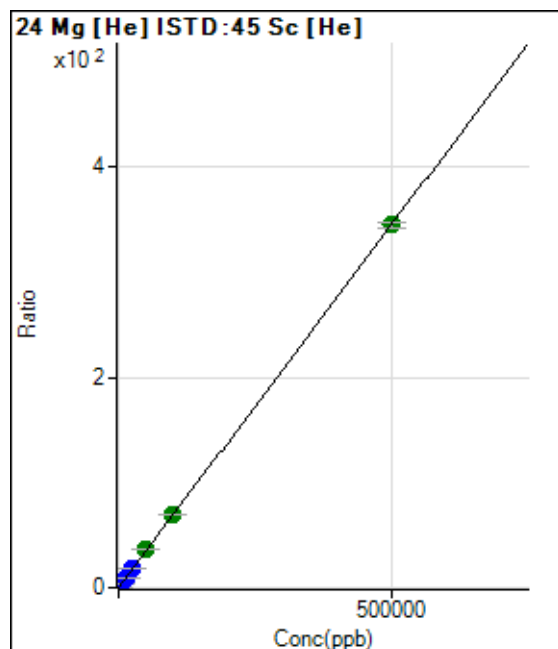
$$R = 1.0000$$

$$DL = 4.824$$

$$BEC = 93.76$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.13	0.0074	P	9.4
2	☐	50.000					
3	☐	500.000	481.649	14232.78	0.3395	P	3.9
4	☐	5000.000	5183.606	149087.54	3.5814	P	1.3
5	☐	12500.000	12761.081	372635.01	8.8060	P	1.2
6	☐	25000.000	25321.993	730054.56	17.4667	P	1.0
7	☐	50000.000	51786.222	1405775.55	35.7136	A	0.4
8	☐	100000.00	100019.05	2723049.62	68.9698	A	0.3
9	☐	500000.00	499793.12	13813157.77	344.6111	A	1.6

$$y = 6.8949\text{E-}004 * x + 0.0074$$

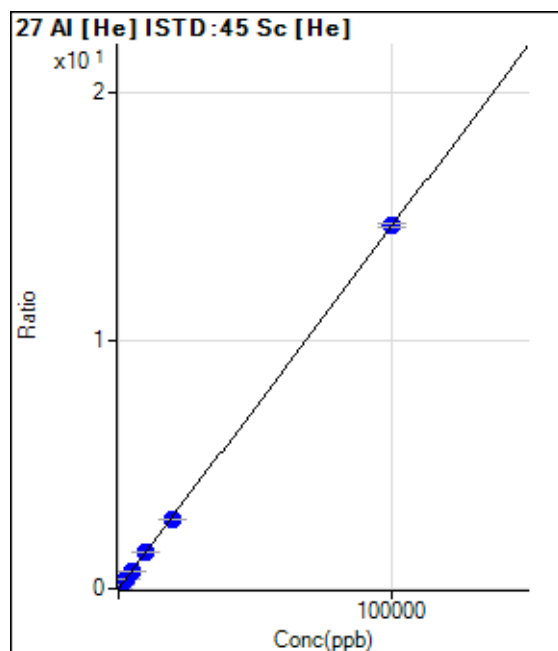
$$R = 1.0000$$

$$DL = 2.996$$

$$BEC = 10.67$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.67	0.0005	P	25.3
2	☐	2.000					
3	☐	20.000	16.487	122.53	0.0029	P	18.5
4	☐	1000.000	984.403	6007.84	0.1443	P	1.7
5	☐	2500.000	2432.467	15053.50	0.3558	P	3.3
6	☐	5000.000	4906.717	29980.77	0.7173	P	0.1
7	☐	10000.000	9965.964	57324.77	1.4563	P	1.0
8	☐	20000.000	19248.193	111029.34	2.8122	P	0.7
9	☐	100000.00	100160.27	586488.61	14.6314	P	1.1

$$y = 1.4607\text{E-}004 * x + 5.1359\text{E-}004$$

$$R = 1.0000$$

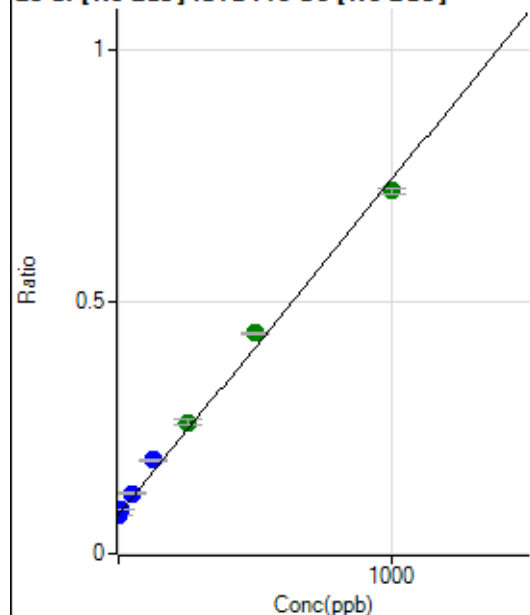
$$DL = 2.665$$

$$BEC = 3.516$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	369845.00	0.0777	P	0.4
2	☐	1.000					
3	☐	10.000	15.439	427173.87	0.0879	P	2.8
4	☐	50.000	63.987	582364.37	0.1203	P	0.8
5	☐	125.000	162.736	905811.40	0.1860	P	2.7
6	☐	250.000	276.479	1304791.73	0.2618	A	3.1
7	☐	500.000	543.055	2140566.67	0.4394	A	1.0
8	☐	1000.000	966.382	3447633.62	0.7213	A	1.7
9	☐			514310.46	0.1081	P	0.5

$$y = 6.6606\text{E-}004 * x + 0.0777$$

$$R = 0.9978$$

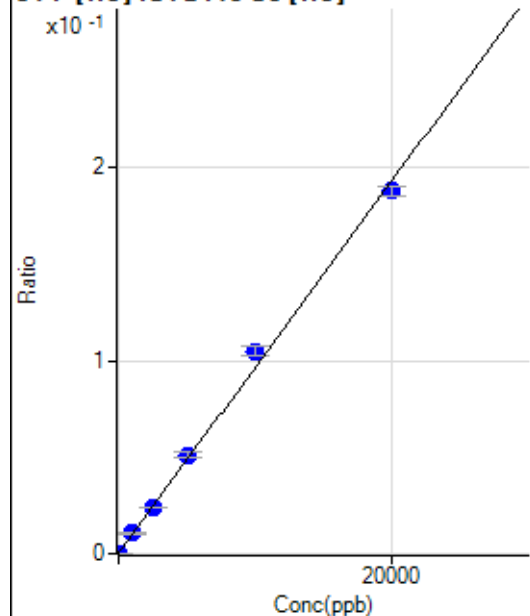
$$DL = 1.503$$

$$BEC = 116.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-13.830	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	13.830	11.11	0.0003	P	45.5
4	☐	1000.000	1072.803	436.14	0.0105	P	17.4
5	☐	2500.000	2494.686	1022.31	0.0242	P	1.9
6	☐	5000.000	5304.734	2141.93	0.0512	P	6.7
7	☐	10000.000	10861.966	4123.02	0.1047	P	4.7
8	☐	20000.000	19489.857	7416.21	0.1878	P	2.7
9	☐			5.56	0.0001	P	173.

$$y = 9.6314\text{E-}006 * x + 1.3320\text{E-}004$$

$$R = 0.9984$$

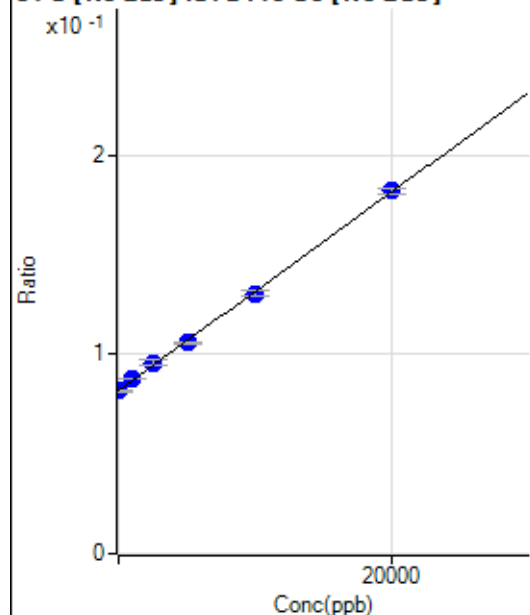
$$DL = 18.89$$

$$BEC = 13.83$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	44.751	391102.77	0.0821	P	0.5
2	☐	0.000					
3	☐	0.000	-44.751	396788.93	0.0817	P	1.7
4	☐	1000.000	1194.567	425333.85	0.0878	P	0.2
5	☐	2500.000	2808.234	466823.52	0.0959	P	2.3
6	☐	5000.000	4785.658	527004.08	0.1057	P	1.0
7	☐	10000.000	9802.111	636648.02	0.1307	P	2.5
8	☐	20000.000	20104.272	869904.26	0.1820	P	1.5
9	☐			364457.55	0.0766	P	1.3

$$y = 4.9793\text{E-}006 * x + 0.0819$$

$$R = 0.9996$$

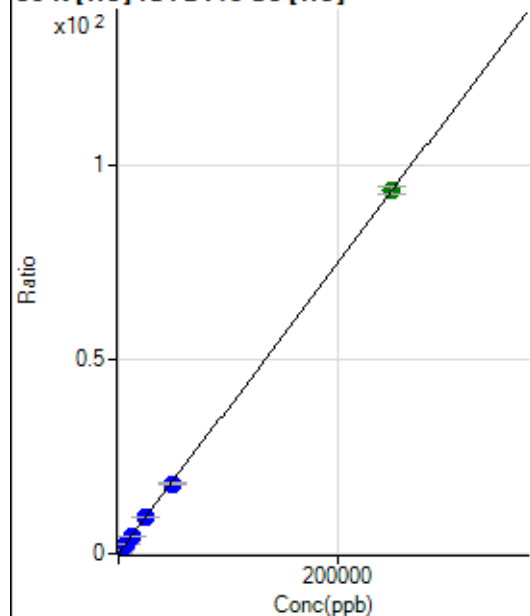
$$DL = 538.5$$

$$BEC = 1.645\text{E+}04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3003.23	0.0711	P	3.9
2	☐	50.000					
3	☐	500.000	466.300	10281.98	0.2452	P	4.3
4	☐	2500.000	2549.897	42604.49	1.0234	P	1.0
5	☐	6250.000	6210.540	101137.75	2.3906	P	2.7
6	☐	12500.000	12343.285	195664.57	4.6811	P	0.8
7	☐	25000.000	24720.192	366214.92	9.3036	P	0.3
8	☐	50000.000	48249.049	714265.30	18.0912	P	0.9
9	☐	250000.00	250386.56	3751171.52	93.5862	A	2.0

$$y = 3.7348\text{E-}004 * x + 0.0711$$

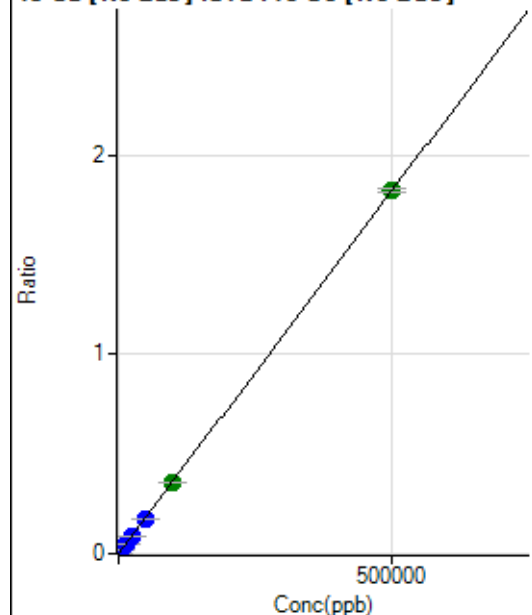
$$R = 1.0000$$

$$DL = 22.23$$

$$BEC = 190.2$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	602.82	0.0001	P	12.8
2	☐	50.000					
3	☐	500.000	460.130	8753.11	0.0018	P	2.8
4	☐	5000.000	4904.003	87064.24	0.0180	P	1.2
5	☐	12500.000	12434.050	221015.75	0.0454	P	3.0
6	☐	25000.000	23937.889	435034.93	0.0873	P	1.8
7	☐	50000.000	48120.531	854098.98	0.1753	P	1.4
8	☐	100000.00	98020.102	1706296.57	0.3570	A	1.7
9	☐	500000.00	500639.68	8672782.75	1.8228	A	1.0

$$y = 3.6407\text{E-}006 * x + 1.2661\text{E-}004$$

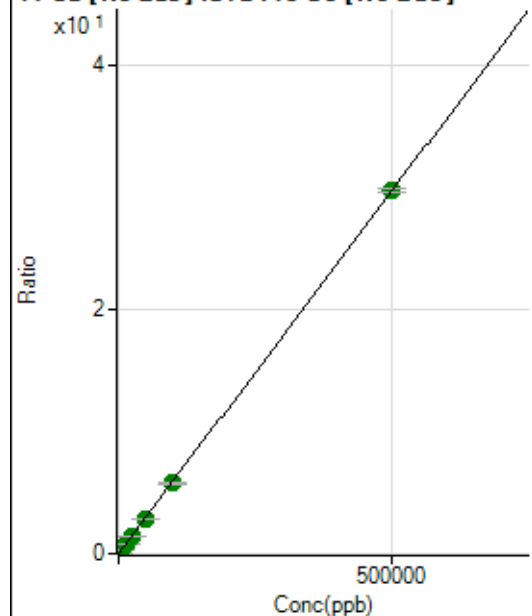
$$R = 1.0000$$

$$DL = 13.35$$

$$BEC = 34.78$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19294.62	0.0041	P	0.2
2	☐	50.000					
3	☐	500.000	452.105	150229.33	0.0309	P	1.1
4	☐	5000.000	4978.552	1452181.95	0.2999	A	2.1
5	☐	12500.000	12410.964	3611057.02	0.7416	A	2.2
6	☐	25000.000	24004.546	7131157.89	1.4306	A	1.2
7	☐	50000.000	47921.107	13892891.45	2.8519	A	1.7
8	☐	100000.00	97431.949	27693645.06	5.7942	A	1.8
9	☐	500000.00	500773.76	141609730.9	29.7637	A	1.2

$$y = 5.9427\text{E-}005 * x + 0.0041$$

$$R = 1.0000$$

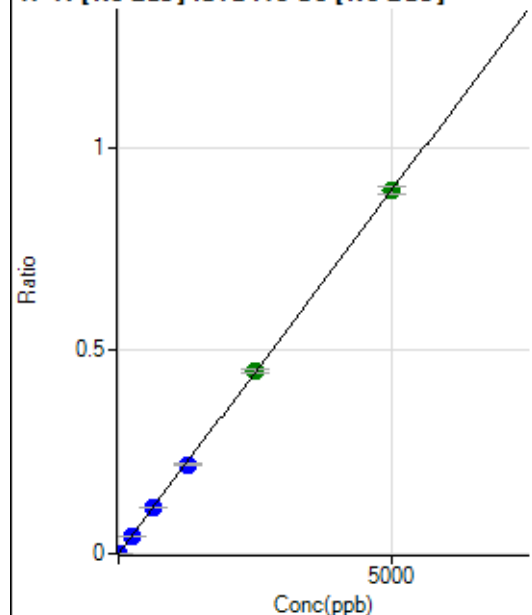
$$DL = 0.4198$$

$$BEC = 68.17$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.35	0.0000	P	19.3
2	☐	0.500					
3	☐	5.000	5.111	4681.52	0.0010	P	1.7
4	☐	250.000	250.049	216850.98	0.0448	P	0.3
5	☐	625.000	637.139	555281.63	0.1140	P	2.0
6	☐	1250.000	1229.086	1096324.36	0.2199	P	1.4
7	☐	2500.000	2513.426	2190807.15	0.4497	A	1.5
8	☐	5000.000	4996.995	4272990.68	0.8940	A	2.0
9	☐			2480.89	0.0005	P	4.6

$$y = 1.7890E-004 * x + 4.9018E-005$$

$$R = 1.0000$$

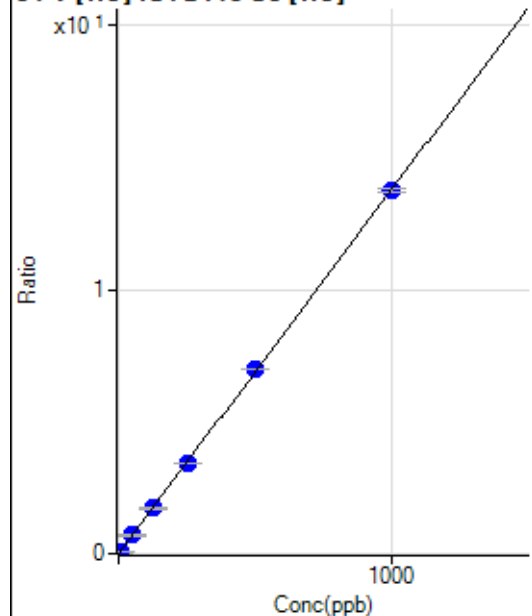
$$DL = 0.159$$

$$BEC = 0.274$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0001	P	86.6
2	☐	0.500					
3	☐	5.000	4.867	2817.00	0.0671	P	0.6
4	☐	50.000	50.299	28863.23	0.6934	P	2.3
5	☐	125.000	125.361	73107.38	1.7281	P	3.1
6	☐	250.000	249.610	143815.83	3.4408	P	0.9
7	☐	500.000	506.204	274667.93	6.9779	P	0.2
8	☐	1000.000	996.936	542560.51	13.7424	P	0.9
9	☐			255.56	0.0064	P	8.5

$$y = 0.0138 * x + 5.2158E-005$$

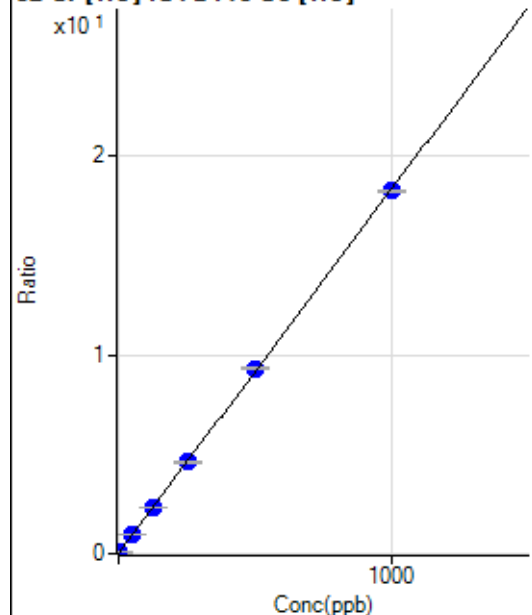
$$R = 1.0000$$

$$DL = 0.009831$$

$$BEC = 0.003784$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	494.46	0.0117	P	10.1
2	☐	0.200					
3	☐	2.000	2.055	2070.19	0.0494	P	3.3
4	☐	50.000	50.847	39261.81	0.9432	P	2.0
5	☐	125.000	126.377	98446.30	2.3269	P	2.5
6	☐	250.000	250.305	192149.02	4.5972	P	1.1
7	☐	500.000	508.611	367223.72	9.3293	P	0.5
8	☐	1000.000	995.404	720430.04	18.2473	P	0.5
9	☐			28349.99	0.7073	P	1.5

$$y = 0.0183 * x + 0.0117$$

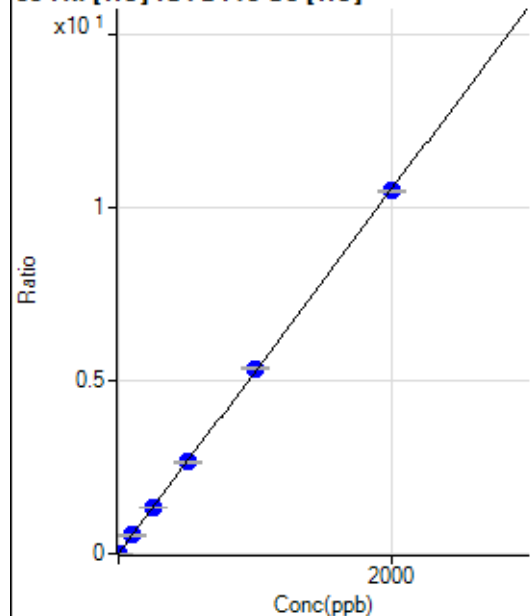
$$R = 0.9999$$

$$DL = 0.1942$$

$$BEC = 0.6388$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	184.45	0.0044	P	5.6
2	☐	0.100					
3	☐	1.000	0.842	368.90	0.0088	P	11.5
4	☐	100.000	99.823	22028.67	0.5291	P	0.9
5	☐	250.000	251.168	56053.23	1.3248	P	1.9
6	☐	500.000	501.455	110369.34	2.6406	P	1.1
7	☐	1000.000	1015.322	210277.62	5.3420	P	0.7
8	☐	2000.000	1991.838	413594.67	10.4757	P	0.6
9	☐			2095.76	0.0523	P	7.8

$$y = 0.0053 * x + 0.0044$$

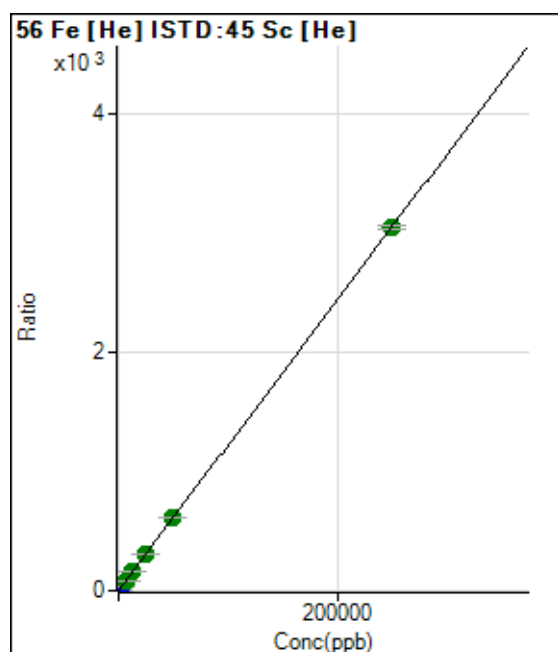
$$R = 1.0000$$

$$DL = 0.1406$$

$$BEC = 0.8302$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1931.68	0.0457	P	2.5
2	☐	5.000					
3	☐	50.000	49.502	27165.92	0.6478	P	2.7
4	☐	2500.000	2576.812	1306580.50	31.3863	P	1.0
5	☐	6250.000	6443.554	3317707.83	78.4158	A	2.3
6	☐	12500.000	12696.670	6456134.29	154.4696	A	1.5
7	☐	25000.000	25679.464	12295871.34	312.3735	A	0.2
8	☐	50000.000	50417.907	24212234.34	613.2561	A	0.5
9	☐	250000.00	249833.03	121801180.5	3,038.653	A	1.2

$$y = 0.0122 * x + 0.0457$$

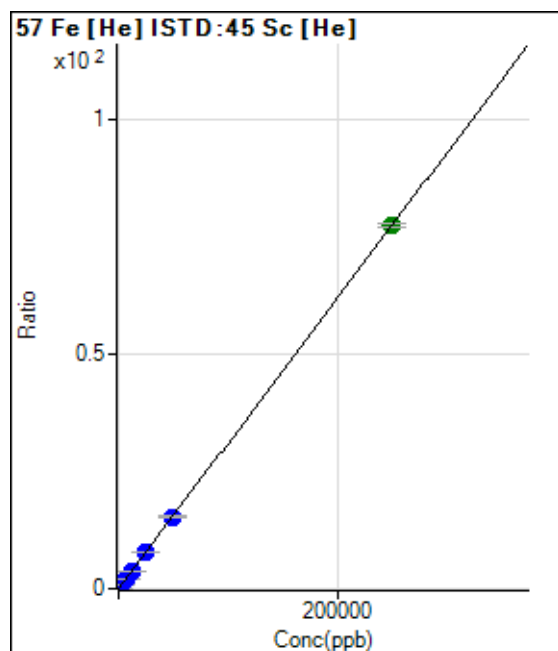
$$R = 1.0000$$

$$DL = 0.2785$$

$$BEC = 3.757$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0013	P	19.9
2	☐	5.000					
3	☐	50.000	47.965	679.67	0.0162	P	10.0
4	☐	2500.000	2521.986	32568.33	0.7824	P	1.9
5	☐	6250.000	6247.504	81926.75	1.9362	P	1.7
6	☐	12500.000	12467.975	161445.67	3.8627	P	1.4
7	☐	25000.000	25219.613	307495.01	7.8120	P	0.9
8	☐	50000.000	49569.782	606171.83	15.3534	P	0.6
9	☐	250000.00	250065.52	3104475.07	77.4481	A	0.9

$$y = 3.0971E-004 * x + 0.0013$$

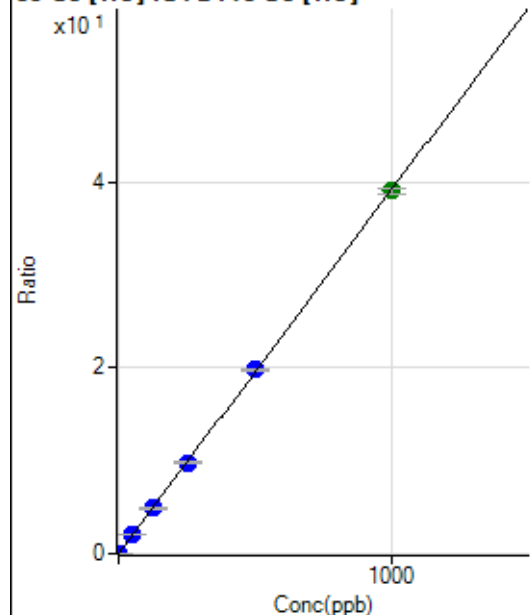
$$R = 1.0000$$

$$DL = 2.537$$

$$BEC = 4.244$$

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	108.89	0.0026	P	13.6
2	☐	0.100					
3	☐	1.000	0.946	1662.35	0.0396	P	2.0
4	☐	50.000	50.991	83293.66	2.0009	P	1.0
5	☐	125.000	125.308	207882.42	4.9133	P	2.1
6	☐	250.000	249.836	409325.80	9.7934	P	1.3
7	☐	500.000	505.771	780286.61	19.8232	P	0.5
8	☐	1000.000	997.068	1542837.72	39.0766	A	1.5
9	☐			19108.93	0.4767	P	0.8

$$y = 0.0392 * x + 0.0026$$

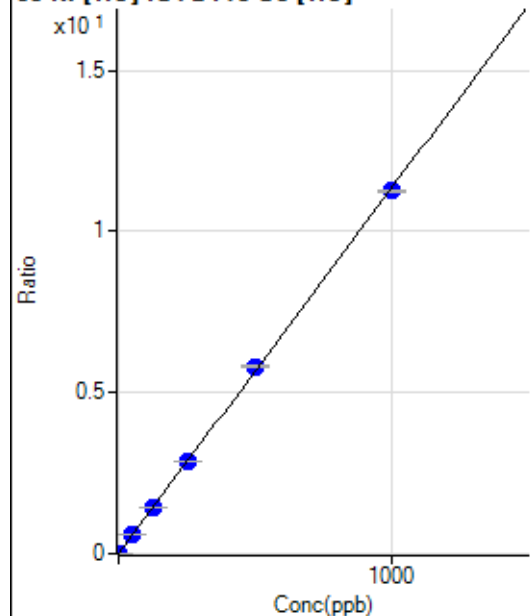
$$R = 1.0000$$

$$DL = 0.02681$$

$$BEC = 0.06577$$

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	200.01	0.0047	P	4.1
2	☐	0.100					
3	☐	1.000	1.020	683.36	0.0163	P	1.7
4	☐	50.000	51.294	24385.97	0.5859	P	3.1
5	☐	125.000	126.615	60894.73	1.4392	P	2.1
6	☐	250.000	251.804	119439.08	2.8576	P	0.9
7	☐	500.000	512.826	228888.15	5.8149	P	0.6
8	☐	1000.000	992.869	444317.65	11.2537	P	0.3
9	☐			14825.90	0.3699	P	2.4

$$y = 0.0113 * x + 0.0047$$

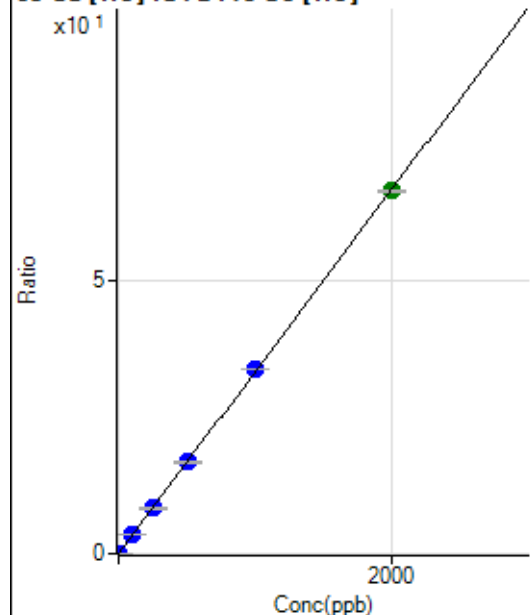
$$R = 0.9999$$

$$DL = 0.05153$$

$$BEC = 0.4175$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.24	0.0119	P	1.4
2	☐	0.200					
3	☐	2.000	1.962	3237.10	0.0772	P	1.3
4	☐	100.000	102.081	141932.15	3.4094	P	0.8
5	☐	250.000	250.795	353649.50	8.3590	P	2.5
6	☐	500.000	502.232	699144.61	16.7274	P	1.2
7	☐	1000.000	1011.547	1325683.30	33.6787	P	0.3
8	☐	2000.000	1993.465	2619988.24	66.3595	A	0.3
9	☐			6652.81	0.1660	P	2.6

$$y = 0.0333 * x + 0.0119$$

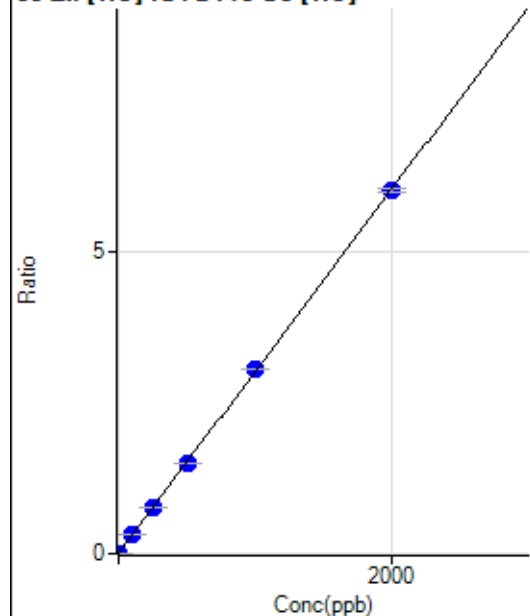
$$R = 1.0000$$

$$DL = 0.01446$$

$$BEC = 0.3569$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	190.00	0.0045	P	10.1
2	☐	0.200					
3	☐	2.000	1.913	430.02	0.0103	P	6.2
4	☐	100.000	101.499	12905.07	0.3100	P	1.4
5	☐	250.000	251.695	32237.58	0.7620	P	2.8
6	☐	500.000	497.515	62772.48	1.5019	P	1.1
7	☐	1000.000	1016.251	120571.28	3.0631	P	0.4
8	☐	2000.000	1992.209	236902.12	6.0004	P	0.9
9	☐			2628.08	0.0656	P	4.2

$$y = 0.0030 * x + 0.0045$$

$$R = 1.0000$$

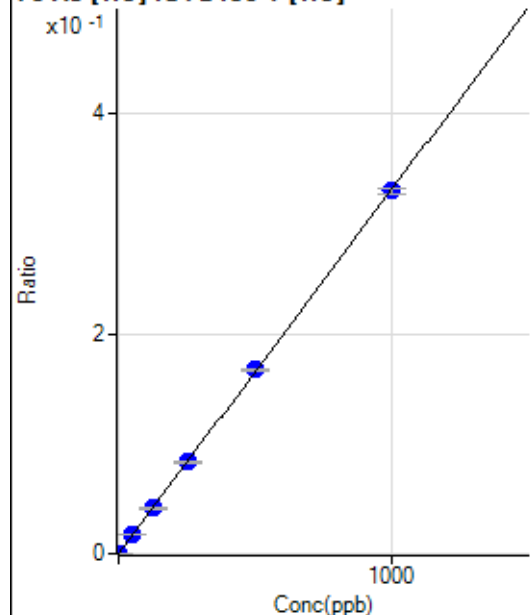
$$DL = 0.4507$$

$$BEC = 1.494$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.08	0.0000	P	35.3
2	☐	0.100					
3	☐	1.000	0.997	95.68	0.0003	P	2.3
4	☐	50.000	50.907	4681.09	0.0169	P	1.3
5	☐	125.000	124.461	11579.61	0.0412	P	3.1
6	☐	250.000	251.712	23266.59	0.0833	P	1.1
7	☐	500.000	505.715	44572.16	0.1674	P	1.5
8	☐	1000.000	996.736	87778.73	0.3299	P	1.3
9	☐			158.64	0.0006	P	8.9

$$y = 3.3101\text{E-}004 * x + 1.0992\text{E-}005$$

$$R = 1.0000$$

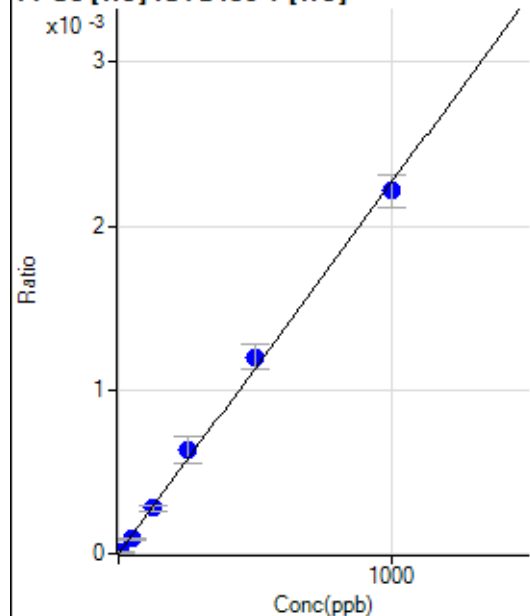
$$DL = 0.03512$$

$$BEC = 0.03321$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.513	2.22	0.0000	P	86.6
4	☐	50.000	38.882	24.44	0.0001	P	20.6
5	☐	125.000	122.014	77.78	0.0003	P	15.5
6	☐	250.000	281.413	177.78	0.0006	P	25.8
7	☐	500.000	530.625	320.01	0.0012	P	13.0
8	☐	1000.000	977.771	588.91	0.0022	P	8.7
9	☐			3.33	0.0000	P	0.1

$$y = 2.2638\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9985$$

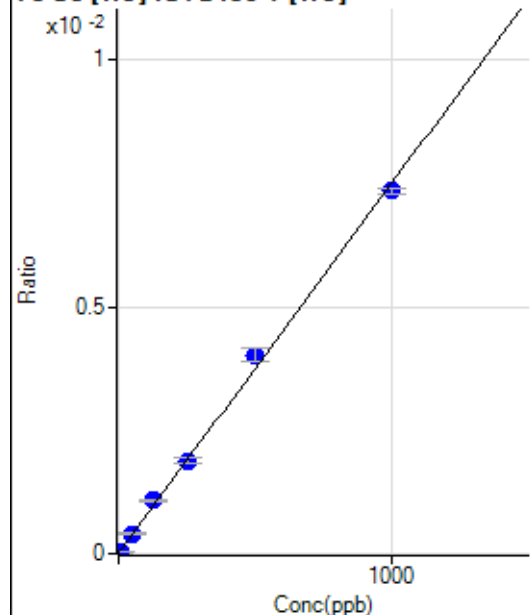
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	114.
2	☐	0.500					
3	☐	5.000	1.481	5.56	0.0000	P	1.2
4	☐	50.000	51.724	109.88	0.0004	P	11.8
5	☐	125.000	141.958	301.24	0.0011	P	2.2
6	☐	250.000	250.491	525.94	0.0019	P	6.4
7	☐	500.000	535.271	1069.19	0.0040	P	6.8
8	☐	1000.000	980.053	1954.48	0.0073	P	1.5
9	☐			4.32	0.0000	P	107.

$$y = 7.4864\text{E-}006 * x + 8.7267\text{E-}006$$

$$R = 0.9989$$

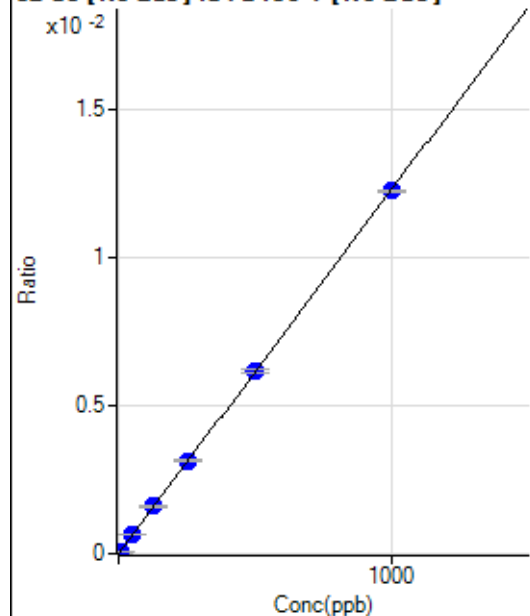
$$DL = 3.994$$

$$BEC = 1.166$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-64.33	0.0000	P	-63.
2	☐	0.500					
3	☐	5.000	5.133	462.94	0.0001	P	4.5
4	☐	50.000	52.336	5285.31	0.0006	P	2.6
5	☐	125.000	130.492	13528.83	0.0016	P	3.2
6	☐	250.000	255.528	26831.50	0.0031	P	1.4
7	☐	500.000	502.094	52211.51	0.0062	P	2.1
8	☐	1000.000	996.767	103827.13	0.0122	P	0.5
9	☐			56.33	0.0000	P	81.9

$$y = 1.2290\text{E-}005 * x - 7.7908\text{E-}006$$

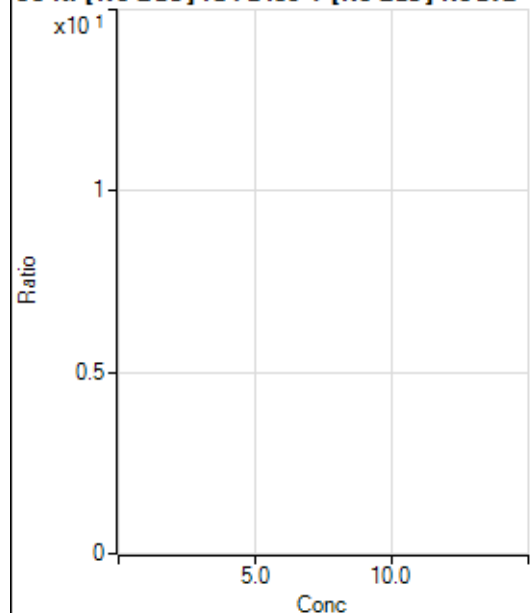
$$R = 1.0000$$

$$DL = 1.21$$

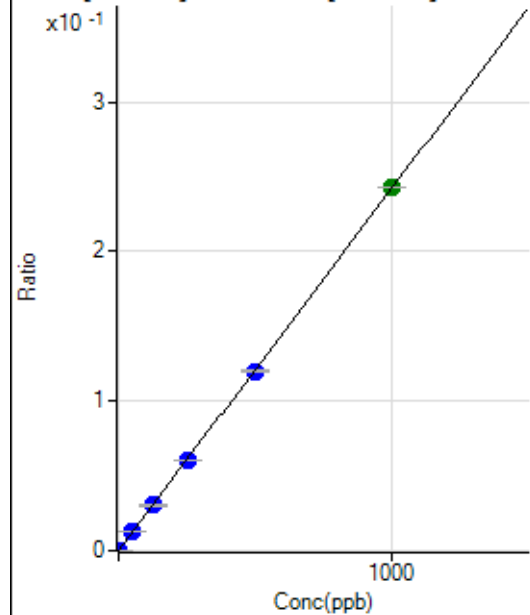
$$BEC = -0.6339$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			398.90	0.0000	P	7.6
2	☐						
3	☐			392.24	0.0000	P	3.7
4	☐			386.68	0.0000	P	11.3
5	☐			392.24	0.0000	P	6.9
6	☐			415.57	0.0000	P	8.7
7	☐			351.13	0.0000	P	8.3
8	☐			418.91	0.0000	P	5.4
9	☐			392.24	0.0000	P	11.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	630.60	0.0001	P	13.3
2	☐	0.100					
3	☐	1.000	0.955	2569.83	0.0003	P	3.0
4	☐	50.000	50.722	102603.32	0.0123	P	1.9
5	☐	125.000	126.039	258890.24	0.0305	P	2.7
6	☐	250.000	248.223	514498.45	0.0601	P	0.9
7	☐	500.000	495.104	1014419.42	0.1197	P	1.5
8	☐	1000.000	1002.726	2055902.71	0.2424	A	0.1
9	☐			10384.94	0.0013	P	0.5

$$y = 2.4167\text{E-}004 * x + 7.6051\text{E-}005$$

$$R = 1.0000$$

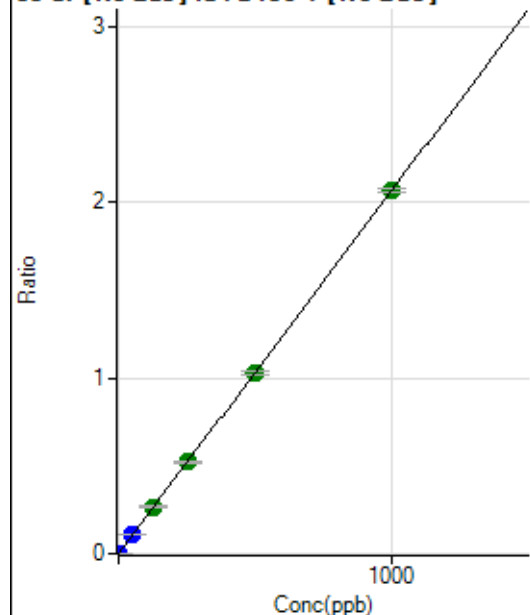
$$DL = 0.1252$$

$$BEC = 0.3147$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	275.02	0.0000	P	5.4
2	☐	0.100					
3	☐	1.000	1.022	17954.21	0.0021	P	2.1
4	☐	50.000	51.424	884349.76	0.1063	P	1.6
5	☐	125.000	129.336	2266251.07	0.2673	A	3.0
6	☐	250.000	252.354	4467493.11	0.5216	A	0.8
7	☐	500.000	497.634	8713482.05	1.0285	A	1.6
8	☐	1000.000	999.981	17526974.18	2.0666	A	1.0
9	☐			87298.69	0.0106	P	1.0

$$y = 0.0021 * x + 3.3181E-005$$

$$R = 1.0000$$

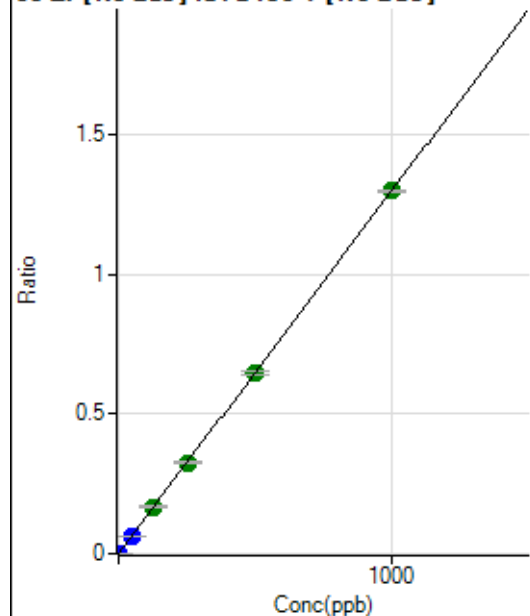
$$DL = 0.002617$$

$$BEC = 0.01606$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	716.72	0.0001	P	12.3
2	☐	0.100					
3	☐	1.000	0.963	11199.50	0.0013	P	3.1
4	☐	50.000	49.960	540550.47	0.0650	P	0.9
5	☐	125.000	129.699	1428990.32	0.1685	A	2.4
6	☐	250.000	251.539	2798858.07	0.3268	A	2.0
7	☐	500.000	497.067	5470348.39	0.6457	A	1.7
8	☐	1000.000	1000.496	11021284.62	1.2995	A	0.8
9	☐			3144.99	0.0004	P	3.1

$$y = 0.0013 * x + 8.6530E-005$$

$$R = 1.0000$$

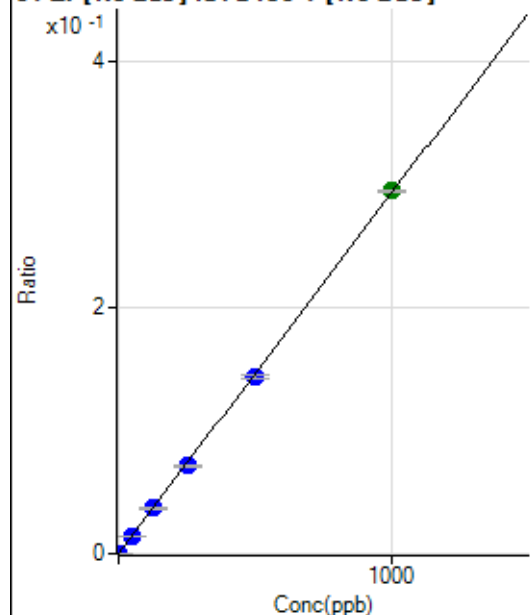
$$DL = 0.02464$$

$$BEC = 0.06662$$

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	127.79	0.0000	P	25.4
2	☐	0.100					
3	☐	1.000	1.007	2600.38	0.0003	P	9.1
4	☐	50.000	48.878	119308.43	0.0143	P	1.1
5	☐	125.000	125.491	311924.56	0.0368	P	3.1
6	☐	250.000	244.410	613685.21	0.0716	P	1.4
7	☐	500.000	489.389	1215281.09	0.1434	P	2.2
8	☐	1000.000	1006.698	2502430.15	0.2951	A	0.8
9	☐			727.83	0.0001	P	7.6

$$y = 2.9308\text{E-}004 * x + 1.5399\text{E-}005$$

$$R = 0.9999$$

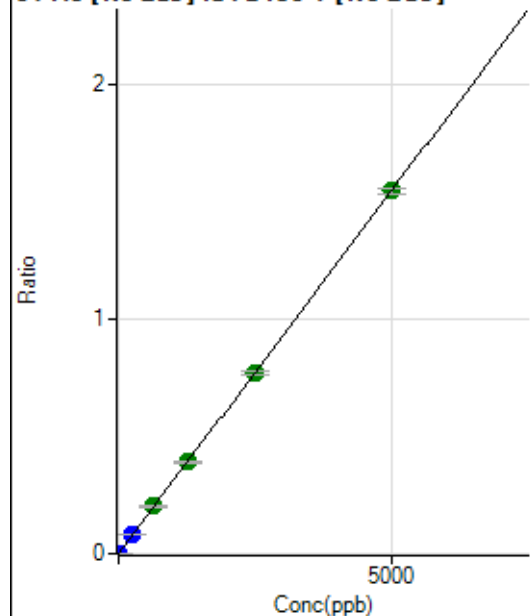
$$DL = 0.04011$$

$$BEC = 0.05254$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.13	0.0000	P	34.0
2	☐	0.500					
3	☐	5.000	4.856	12895.57	0.0015	P	3.1
4	☐	250.000	254.028	654217.06	0.0786	P	1.4
5	☐	625.000	649.803	1705074.58	0.2011	A	2.4
6	☐	1250.000	1259.748	3339272.86	0.3898	A	0.9
7	☐	2500.000	2489.629	6527165.73	0.7704	A	1.9
8	☐	5000.000	4999.447	13120097.34	1.5470	A	1.3
9	☐			16955.75	0.0021	P	1.8

$$y = 3.0943\text{E-}004 * x + 3.7599\text{E-}005$$

$$R = 1.0000$$

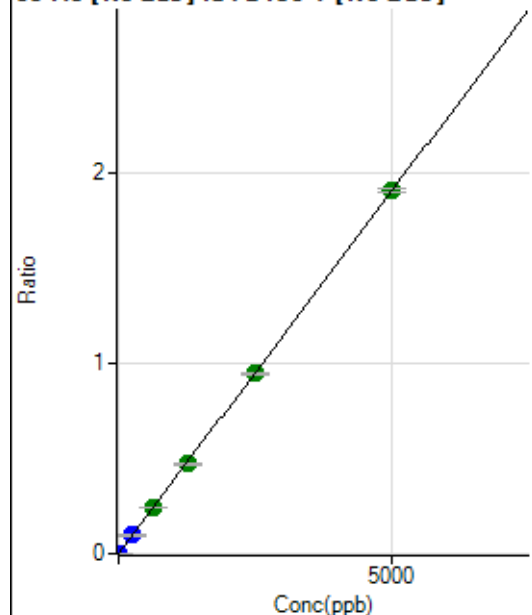
$$DL = 0.1238$$

$$BEC = 0.1215$$

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	77.78	0.0000	P	43.7
2	☐	0.500					
3	☐	5.000	4.746	15195.24	0.0018	P	3.0
4	☐	250.000	253.242	801419.48	0.0963	P	1.8
5	☐	625.000	640.466	2065731.62	0.2436	A	2.1
6	☐	1250.000	1244.078	4053324.61	0.4732	A	1.8
7	☐	2500.000	2482.736	8001704.34	0.9444	A	1.4
8	☐	5000.000	5008.018	16156281.61	1.9050	A	0.9
9	☐			27203.37	0.0033	P	3.9

$$y = 3.8039E-004 * x + 9.4061E-006$$

$$R = 1.0000$$

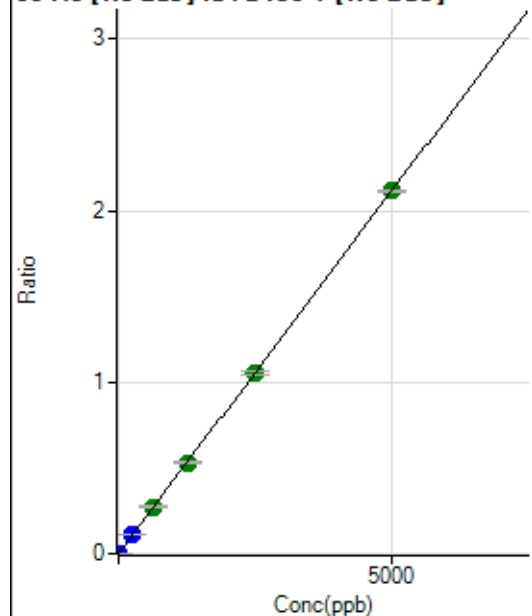
$$DL = 0.03245$$

$$BEC = 0.02473$$

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	166.68	0.0000	P	15.8
2	☐	0.500					
3	☐	5.000	4.850	17328.39	0.0021	P	2.8
4	☐	250.000	254.105	893546.18	0.1074	P	1.6
5	☐	625.000	649.373	2326691.85	0.2745	A	3.2
6	☐	1250.000	1254.411	4541188.52	0.5302	A	1.1
7	☐	2500.000	2483.232	8891385.01	1.0495	A	2.1
8	☐	5000.000	5004.030	17936267.24	2.1149	A	0.5
9	☐			30746.85	0.0037	P	6.4

$$y = 4.2263E-004 * x + 2.0130E-005$$

$$R = 1.0000$$

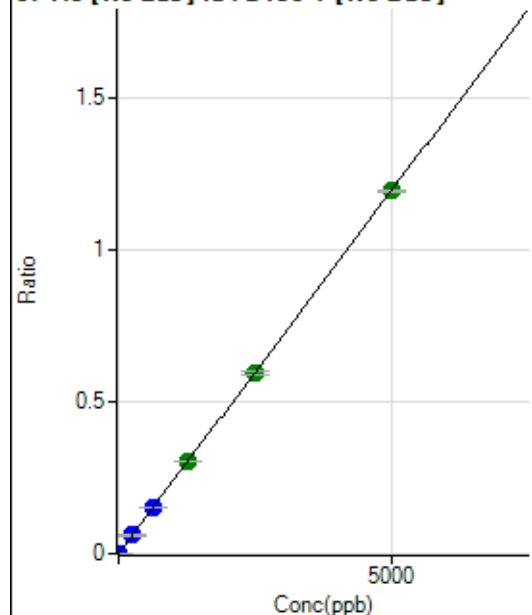
$$DL = 0.02251$$

$$BEC = 0.04763$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	22.4
2	☐	0.500					
3	☐	5.000	4.972	9998.56	0.0012	P	3.9
4	☐	250.000	253.567	503829.91	0.0606	P	2.0
5	☐	625.000	635.521	1286778.57	0.1518	P	2.9
6	☐	1250.000	1270.639	2599368.20	0.3035	A	1.1
7	☐	2500.000	2493.541	5045550.29	0.5955	A	1.9
8	☐	5000.000	4996.576	10120537.99	1.1933	A	0.8
9	☐			17623.30	0.0021	P	5.3

$$y = 2.3883\text{E-}004 * x + 6.6996\text{E-}006$$

$$R = 1.0000$$

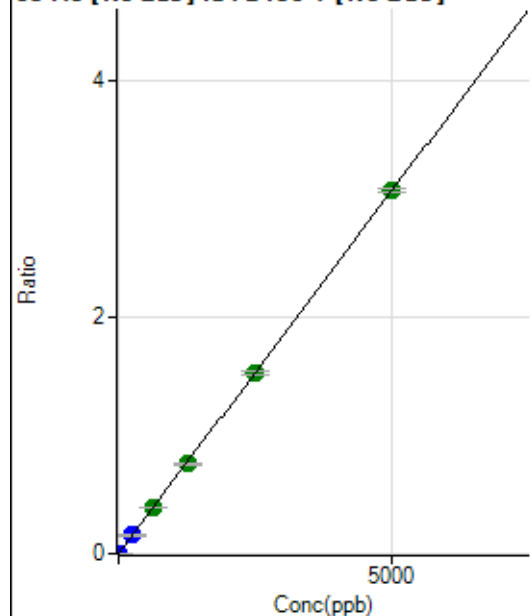
$$DL = 0.01884$$

$$BEC = 0.02805$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	33.8
2	☐	0.500					
3	☐	5.000	4.737	24381.27	0.0029	P	3.8
4	☐	250.000	252.926	1288619.36	0.1549	P	1.6
5	☐	625.000	639.043	3318123.73	0.3914	A	2.4
6	☐	1250.000	1238.091	6494557.78	0.7582	A	1.2
7	☐	2500.000	2493.198	12935682.06	1.5268	A	2.0
8	☐	5000.000	5004.477	25992500.58	3.0648	A	1.2
9	☐			43994.88	0.0053	P	2.7

$$y = 6.1240\text{E-}004 * x + 1.1711\text{E-}005$$

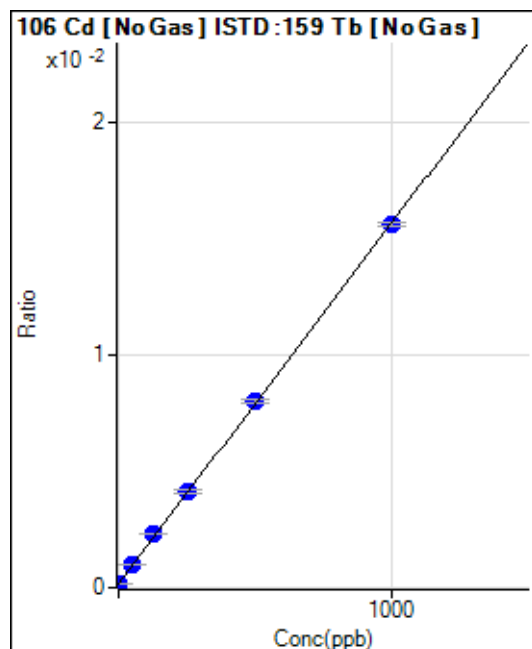
$$R = 1.0000$$

$$DL = 0.01938$$

$$BEC = 0.01912$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1911.34	0.0002	P	8.8
2	☐	0.100					
3	☐	1.000	0.739	2072.47	0.0002	P	10.2
4	☐	50.000	50.945	10604.72	0.0010	P	2.1
5	☐	125.000	135.647	25121.55	0.0023	P	0.4
6	☐	250.000	255.189	46553.83	0.0041	P	2.6
7	☐	500.000	503.924	90158.83	0.0080	P	2.0
8	☐	1000.000	995.363	177631.20	0.0156	P	1.1
9	☐			1953.03	0.0002	P	4.4

$$y = 1.5514\text{E-}005 * x + 1.7834\text{E-}004$$

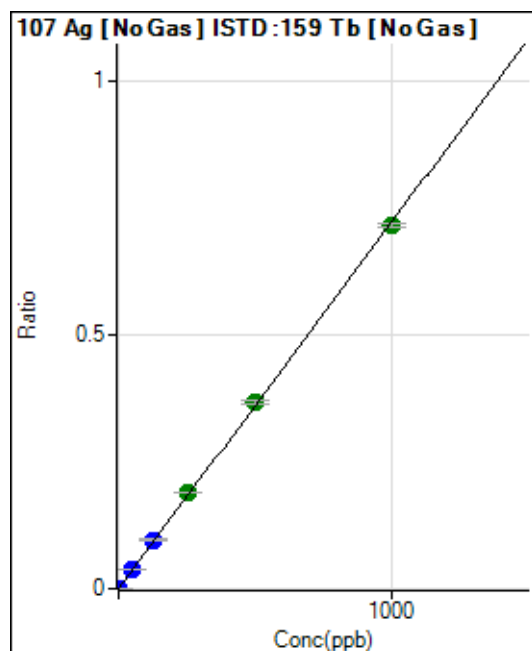
$$R = 0.9999$$

$$DL = 3.018$$

$$BEC = 11.5$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	40.4
2	☐	0.100					
3	☐	1.000	1.039	8286.22	0.0008	P	3.3
4	☐	50.000	52.840	417501.59	0.0381	P	0.7
5	☐	125.000	133.522	1060289.33	0.0964	P	1.6
6	☐	250.000	263.280	2138115.24	0.1900	A	1.3
7	☐	500.000	510.370	4152863.59	0.3683	A	1.6
8	☐	1000.000	990.288	8126812.42	0.7146	A	0.9
9	☐			900.08	0.0001	P	4.4

$$y = 7.2163\text{E-}004 * x + 1.0124\text{E-}005$$

$$R = 0.9998$$

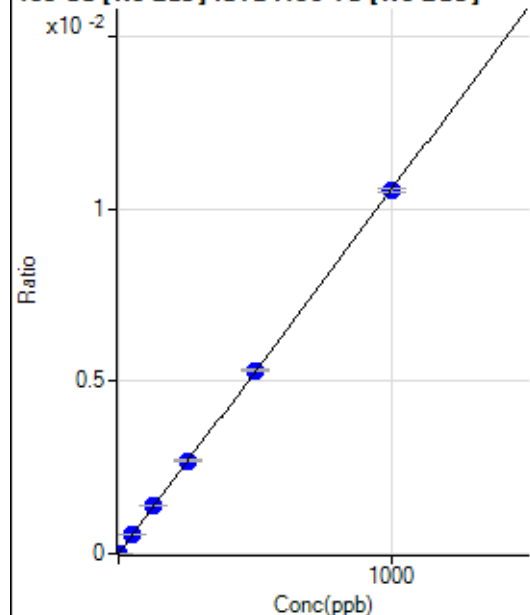
$$DL = 0.017$$

$$BEC = 0.01403$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.50	0.0000	P	67.0
2	☐	0.100					
3	☐	1.000	0.978	125.00	0.0000	P	35.0
4	☐	50.000	51.862	6007.03	0.0005	P	2.0
5	☐	125.000	133.553	15528.66	0.0014	P	1.3
6	☐	250.000	255.799	30406.75	0.0027	P	1.2
7	☐	500.000	502.353	59819.61	0.0053	P	1.3
8	☐	1000.000	996.211	119628.83	0.0105	P	1.0
9	☐			55.55	0.0000	P	15.2

$$y = 1.0558\text{E-}005 * x + 1.1712\text{E-}006$$

$$R = 1.0000$$

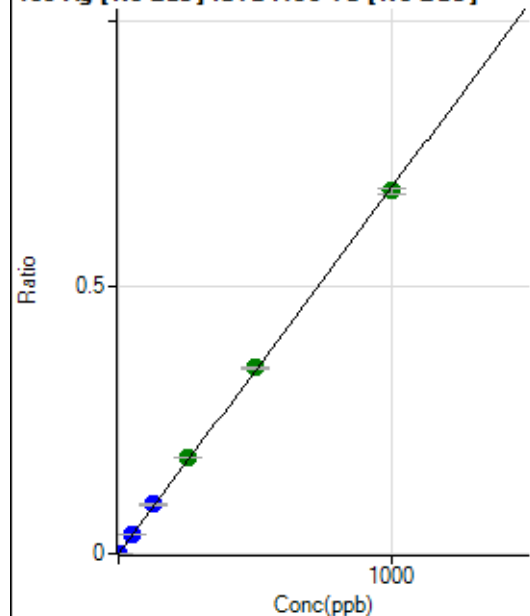
$$DL = 0.2228$$

$$BEC = 0.1109$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	1.0
2	☐	0.100					
3	☐	1.000	1.045	7883.25	0.0007	P	5.9
4	☐	50.000	52.989	397951.43	0.0364	P	0.4
5	☐	125.000	134.350	1014084.75	0.0922	P	1.8
6	☐	250.000	262.358	2025258.33	0.1800	A	1.5
7	☐	500.000	508.301	3931868.88	0.3487	A	0.6
8	☐	1000.000	991.442	7733822.31	0.6801	A	1.3
9	☐			905.64	0.0001	P	5.5

$$y = 6.8596\text{E-}004 * x + 6.2242\text{E-}006$$

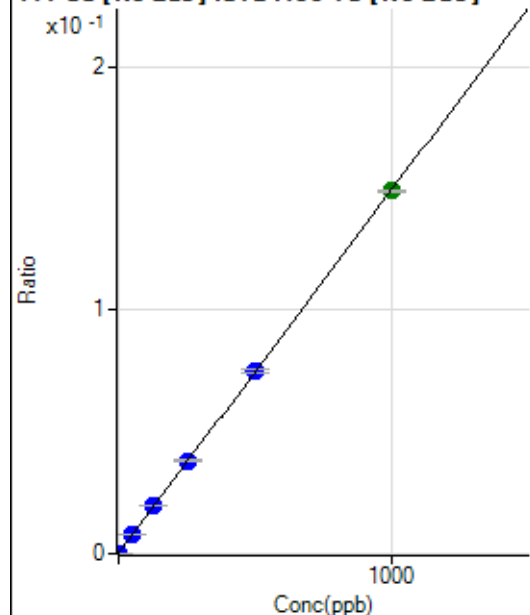
$$R = 0.9998$$

$$DL = 0.0002843$$

$$BEC = 0.009074$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1340.30	0.0001	P	9.9
2	☐	0.100					
3	☐	1.000	0.949	2910.58	0.0003	P	8.4
4	☐	50.000	52.275	86726.91	0.0079	P	1.0
5	☐	125.000	132.385	218662.98	0.0199	P	1.7
6	☐	250.000	253.486	426898.62	0.0379	P	1.9
7	☐	500.000	501.171	844380.68	0.0749	P	1.4
8	☐	1000.000	997.506	1693575.74	0.1489	A	0.7
9	☐			1829.64	0.0002	P	1.6

$$y = 1.4917\text{E-}004 * x + 1.2505\text{E-}004$$

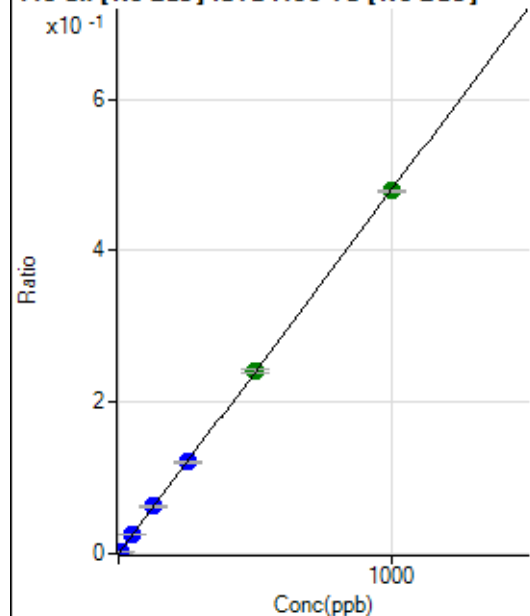
$$R = 1.0000$$

$$DL = 0.2501$$

$$BEC = 0.8383$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1217.32	0.0001	P	28.3
2	☐	0.500					
3	☐	5.000	4.817	26454.78	0.0024	P	1.6
4	☐	50.000	51.130	269826.86	0.0247	P	1.0
5	☐	125.000	129.826	686767.74	0.0624	P	1.7
6	☐	250.000	252.563	1365181.75	0.1213	P	1.3
7	☐	500.000	502.493	2720285.76	0.2413	A	1.4
8	☐	1000.000	997.454	5444768.52	0.4788	A	0.8
9	☐			19392.54	0.0018	P	2.8

$$y = 4.7989\text{E-}004 * x + 1.1380\text{E-}004$$

$$R = 1.0000$$

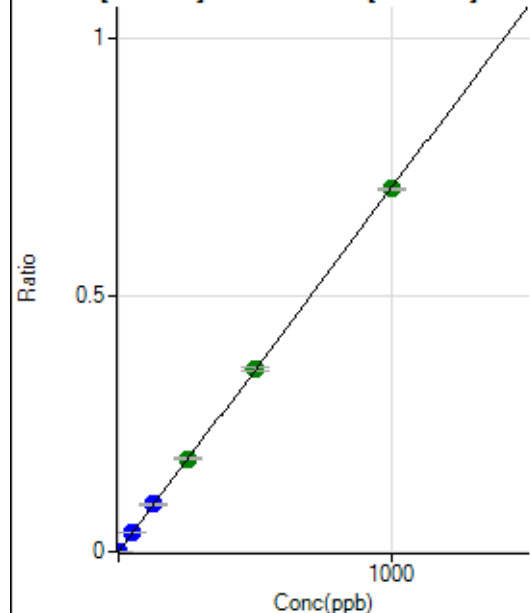
$$DL = 0.2011$$

$$BEC = 0.2371$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	23.3
2	☐	0.200					
3	☐	2.000	1.936	15081.35	0.0014	P	2.4
4	☐	50.000	50.722	394071.68	0.0360	P	1.5
5	☐	125.000	130.380	1018081.65	0.0925	P	2.1
6	☐	250.000	255.260	2038499.13	0.1811	A	1.4
7	☐	500.000	501.565	4013221.31	0.3559	A	1.8
8	☐	1000.000	997.194	8047311.46	0.7076	A	0.5
9	☐			21688.01	0.0020	P	6.0

$$y = 7.0963\text{E-}004 * x + 8.5471\text{E-}006$$

$$R = 1.0000$$

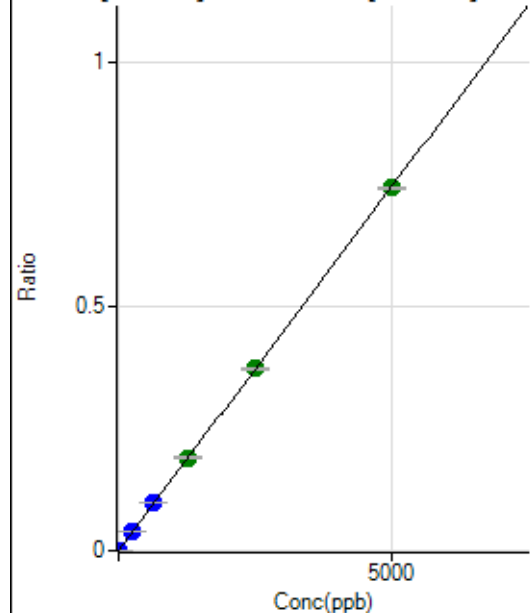
$$DL = 0.008433$$

$$BEC = 0.01204$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	54.5
2	☐	1.000					
3	☐	10.000	9.845	16018.73	0.0015	P	0.9
4	☐	250.000	255.190	415358.60	0.0379	P	1.2
5	☐	625.000	652.151	1066961.97	0.0970	P	1.2
6	☐	1250.000	1275.703	2134474.27	0.1897	A	1.1
7	☐	2500.000	2504.415	4198751.27	0.3724	A	0.9
8	☐	5000.000	4987.714	8433138.99	0.7416	A	0.6
9	☐			1633.52	0.0001	P	3.7

$$y = 1.4868\text{E-}004 * x + 4.9118\text{E-}006$$

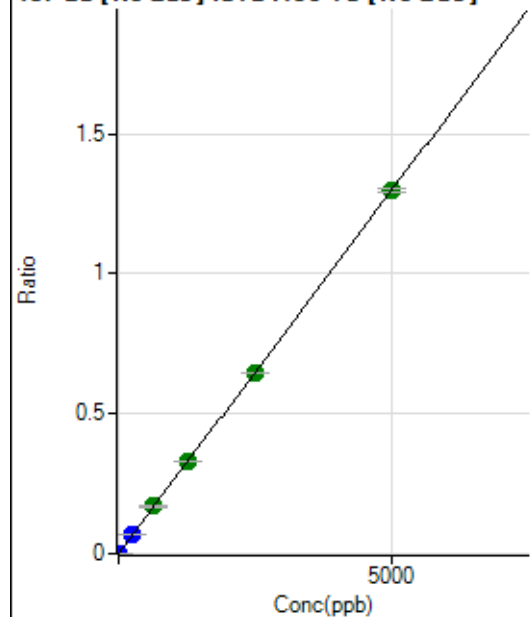
$$R = 1.0000$$

$$DL = 0.05404$$

$$BEC = 0.03304$$

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	108.34	0.0000	P	12.8
2	☐	1.000					
3	☐	10.000	9.928	28206.06	0.0026	P	0.5
4	☐	250.000	256.976	729875.06	0.0667	P	1.6
5	☐	625.000	655.518	1871277.93	0.1701	A	2.2
6	☐	1250.000	1266.921	3699058.63	0.3287	A	1.2
7	☐	2500.000	2490.636	7286613.18	0.6462	A	0.7
8	☐	5000.000	4996.288	14740655.88	1.2963	A	1.1
9	☐			2739.30	0.0002	P	3.3

$$y = 2.5944\text{E-}004 * x + 1.0108\text{E-}005$$

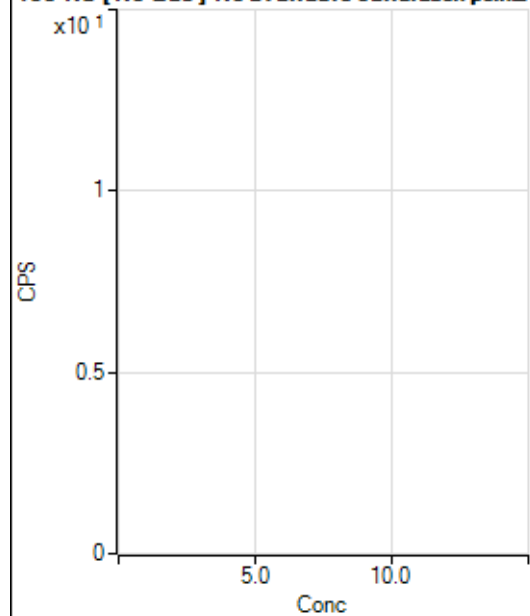
$$R = 1.0000$$

$$DL = 0.0149$$

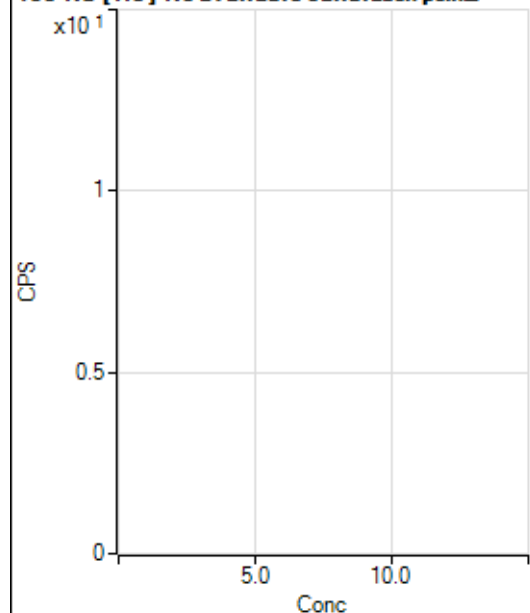
$$BEC = 0.03896$$

Weight: <None>

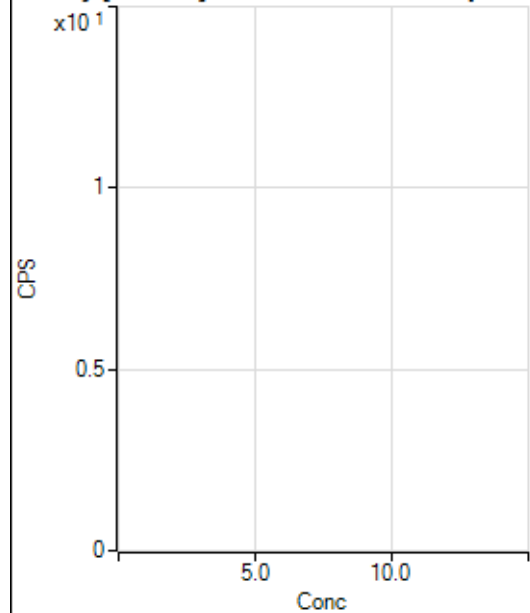
Min Conc: 0

150 Nd [No Gas] No available calibration points

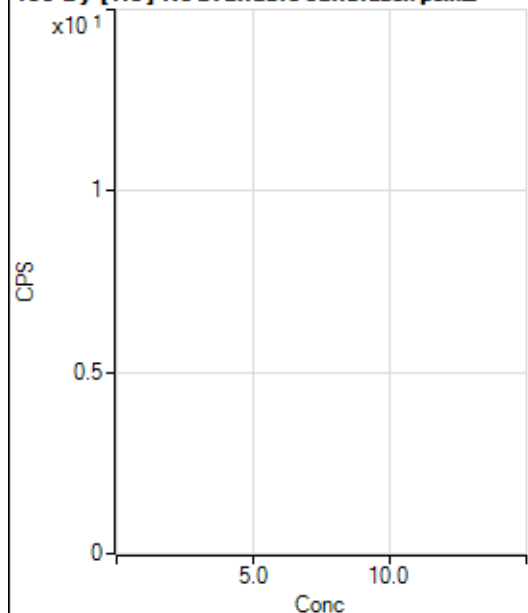
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐						
3	☐			13.33		P	100.
4	☐			28.89		P	13.3
5	☐			42.22		P	48.2
6	☐			75.56		P	18.4
7	☐			175.56		P	24.7
8	☐			304.46		P	3.3
9	☐			104.45		P	14.7

150 Nd [He] No available calibration points

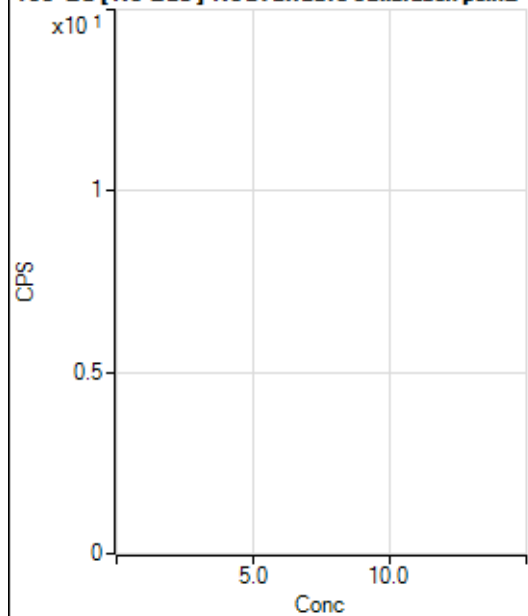
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			2.22		P	173.
7	☐			2.22		P	173.
8	☐			6.67		P	50.0
9	☐			7.78		P	65.5

156 Dy [No Gas] No available calibration points

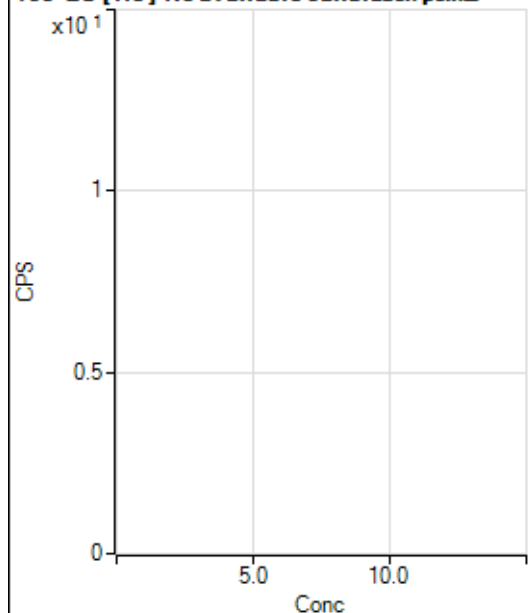
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	28.9
2	☐						
3	☐			69.45		P	34.6
4	☐			75.00		P	11.1
5	☐			72.23		P	13.3
6	☐			61.11		P	56.8
7	☐			113.89		P	21.1
8	☐			163.90		P	21.2
9	☐			136.12		P	19.7

156 Dy [He] No available calibration points

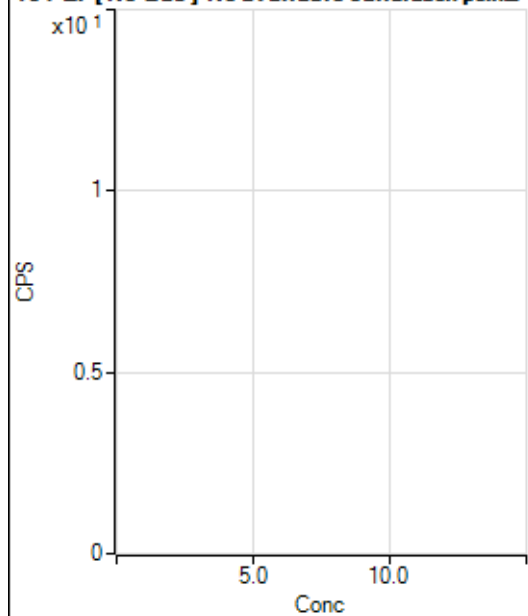
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	173.
5	☐			2.22		P	173.
6	☐			3.33		P	100.
7	☐			5.55		P	69.3
8	☐			10.00		P	33.3
9	☐			8.89		P	142.

160 Gd [No Gas] Noavailable calibration poin_

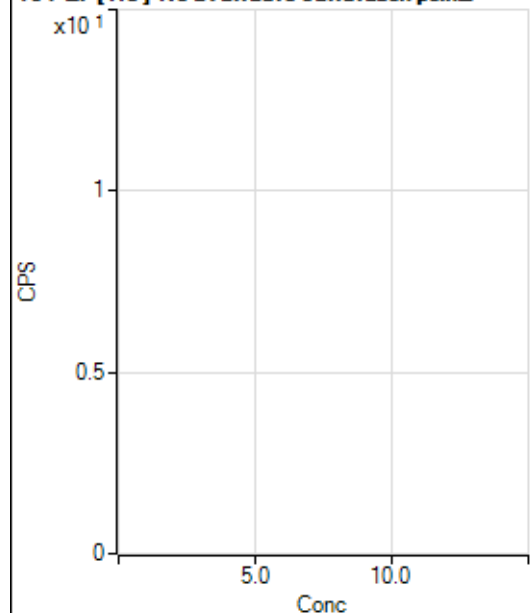
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	29.4
2	☐						
3	☐			72.22		P	46.6
4	☐			91.67		P	32.8
5	☐			44.45		P	28.7
6	☐			102.78		P	26.1
7	☐			75.00		P	11.1
8	☐			91.67		P	9.1
9	☐			122.23		P	45.4

160 Gd [He] No available calibration points

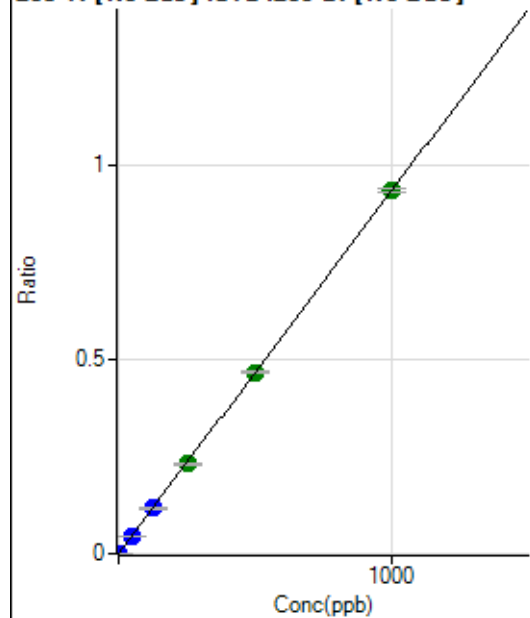
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐						
3	☐			14.44		P	53.3
4	☐			10.00		P	88.2
5	☐			16.67		P	52.9
6	☐			11.11		P	45.8
7	☐			16.67		P	34.6
8	☐			18.89		P	10.2
9	☐			24.45		P	15.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐						
3	☐			38.89		P	44.6
4	☐			30.56		P	56.8
5	☐			69.45		P	27.7
6	☐			52.78		P	48.2
7	☐			47.22		P	53.9
8	☐			50.00		P	60.1
9	☐			36.11		P	48.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			7.78		P	49.5
4	☐			3.33		P	100.
5	☐			6.67		P	86.6
6	☐			8.89		P	57.3
7	☐			7.78		P	24.7
8	☐			7.78		P	65.5
9	☐			7.78		P	89.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	138.90	0.0000	P	31.6
2	☐	0.100					
3	☐	1.000	0.962	6521.44	0.0009	P	2.9
4	☐	50.000	49.755	330728.02	0.0464	P	1.9
5	☐	125.000	126.350	841097.67	0.1179	P	3.1
6	☐	250.000	247.572	1699716.77	0.2310	A	1.6
7	☐	500.000	500.588	3381093.70	0.4671	A	0.4
8	☐	1000.000	1000.156	6809660.22	0.9332	A	1.0
9	☐			4314.85	0.0006	P	5.7

$$y = 9.3302\text{E-}004 * x + 1.9737\text{E-}005$$

$$R = 1.0000$$

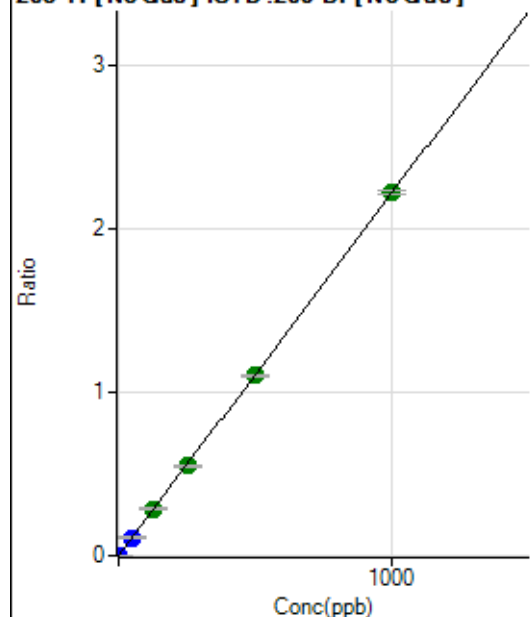
$$DL = 0.02006$$

$$BEC = 0.02115$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	322.24	0.0000	P	5.0
2	☐	0.100					
3	☐	1.000	0.959	15404.41	0.0022	P	5.4
4	☐	50.000	50.295	792837.13	0.1113	P	1.4
5	☐	125.000	129.045	2037351.00	0.2856	A	2.7
6	☐	250.000	248.326	4043033.47	0.5495	A	1.5
7	☐	500.000	497.053	7961253.56	1.0998	A	1.1
8	☐	1000.000	1001.372	16168247.23	2.2157	A	1.2
9	☐			10263.01	0.0015	P	5.9

$$y = 0.0022 * x + 4.5611E-005$$

$$R = 1.0000$$

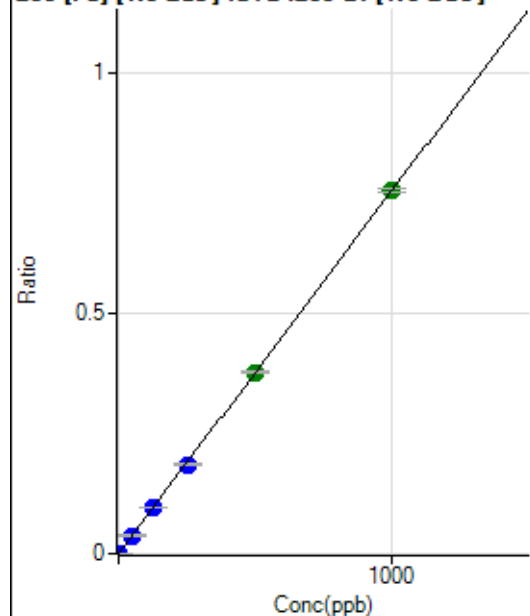
$$DL = 0.003112$$

$$BEC = 0.02061$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	281.49	0.0000	P	17.4
2	☐	0.100					
3	☐	1.000	0.960	5432.83	0.0008	P	6.0
4	☐	50.000	50.300	270669.20	0.0380	P	2.0
5	☐	125.000	127.068	684537.28	0.0960	P	2.9
6	☐	250.000	245.344	1362879.31	0.1852	P	1.4
7	☐	500.000	500.206	2733319.56	0.3776	A	1.0
8	☐	1000.000	1000.788	5512778.83	0.7555	A	0.9
9	☐			34753.54	0.0052	P	0.9

$$y = 7.5483E-004 * x + 3.9771E-005$$

$$R = 1.0000$$

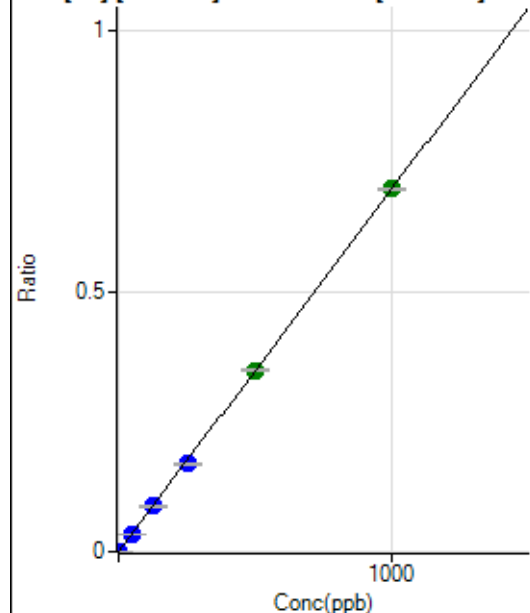
$$DL = 0.02744$$

$$BEC = 0.05269$$

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	229.64	0.0000	P	8.1
2	☐	0.100					
3	☐	1.000	0.955	4954.82	0.0007	P	2.3
4	☐	50.000	49.483	245409.35	0.0345	P	0.9
5	☐	125.000	125.086	621072.46	0.0871	P	2.9
6	☐	250.000	241.749	1237768.84	0.1682	P	1.2
7	☐	500.000	501.216	2524370.34	0.3487	A	0.6
8	☐	1000.000	1001.470	5084680.73	0.6968	A	0.6
9	☐			28679.35	0.0043	P	3.0

$$y = 6.9573\text{E-}004 * x + 3.2485\text{E-}005$$

$$R = 1.0000$$

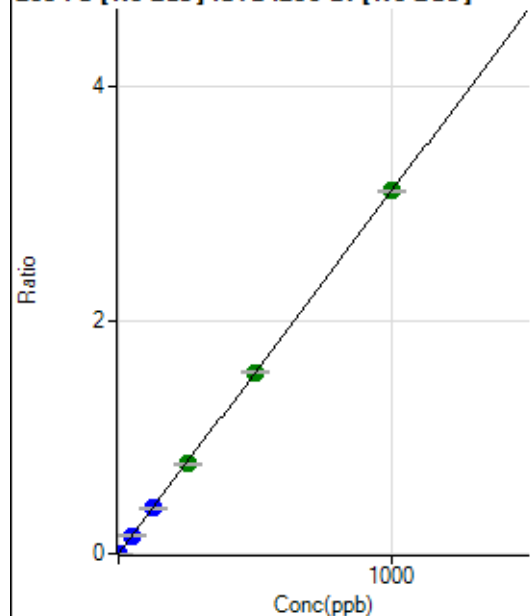
$$DL = 0.01134$$

$$BEC = 0.04669$$

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	968.57	0.0001	P	9.1
2	☐	0.100					
3	☐	1.000	0.967	22315.77	0.0031	P	3.4
4	☐	50.000	49.995	1106581.77	0.1554	P	1.5
5	☐	125.000	126.289	2798673.33	0.3923	P	2.8
6	☐	250.000	247.929	5665654.12	0.7700	A	1.4
7	☐	500.000	499.814	11235558.91	1.5522	A	0.6
8	☐	1000.000	1000.450	22671251.37	3.1068	A	0.8
9	☐			134090.14	0.0201	P	1.6

$$y = 0.0031 * x + 1.3700\text{E-}004$$

$$R = 1.0000$$

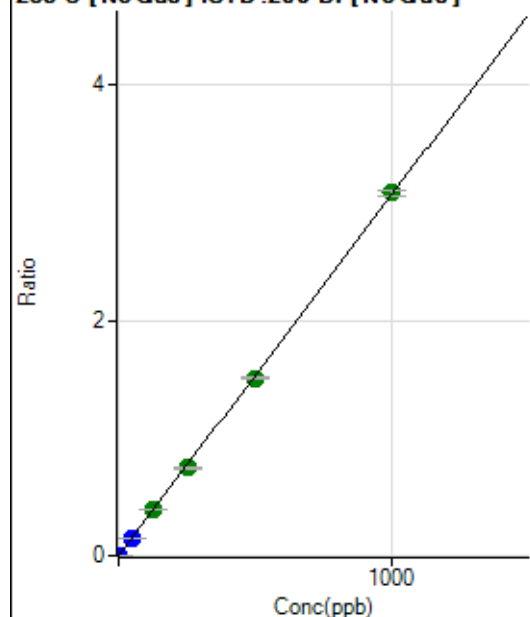
$$DL = 0.0121$$

$$BEC = 0.04412$$

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	38.89	0.0000	P	14.2
2	☐	0.100					
3	☐	1.000	0.923	20167.14	0.0028	P	1.4
4	☐	50.000	49.299	1077788.02	0.1513	P	0.9
5	☐	125.000	127.687	2796334.50	0.3920	A	2.7
6	☐	250.000	243.282	5494332.20	0.7468	A	2.3
7	☐	500.000	492.014	10932142.17	1.5103	A	1.1
8	☐	1000.000	1005.372	22520229.32	3.0862	A	1.3
9	☐			2008.60	0.0003	P	6.4

$$y = 0.0031 * x + 5.5173E-006$$

$$R = 0.9999$$

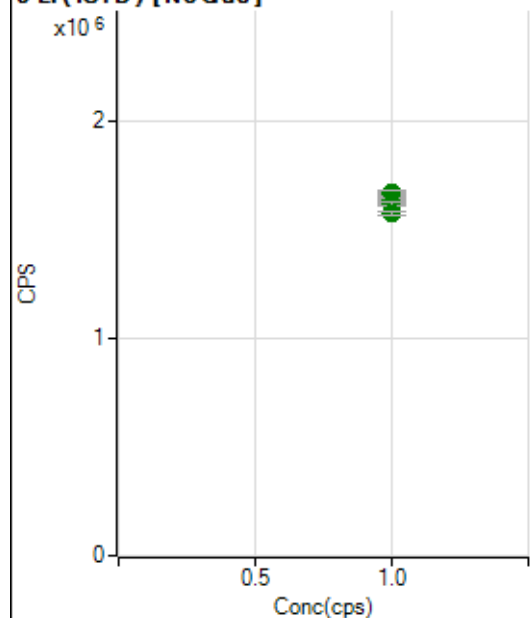
$$DL = 0.0007639$$

$$BEC = 0.001797$$

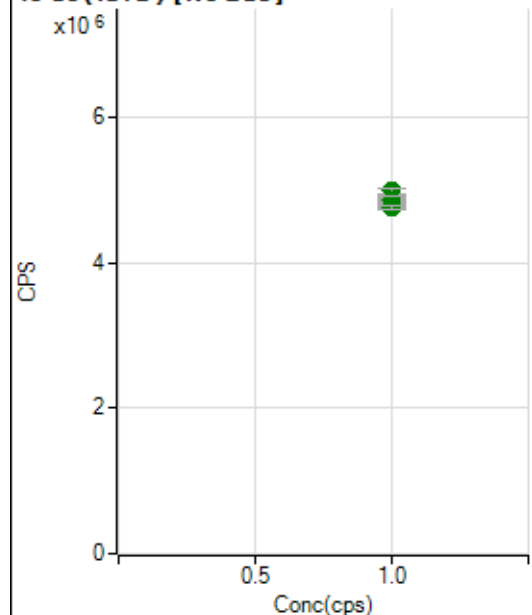
Weight: <None>

Min Conc: 0

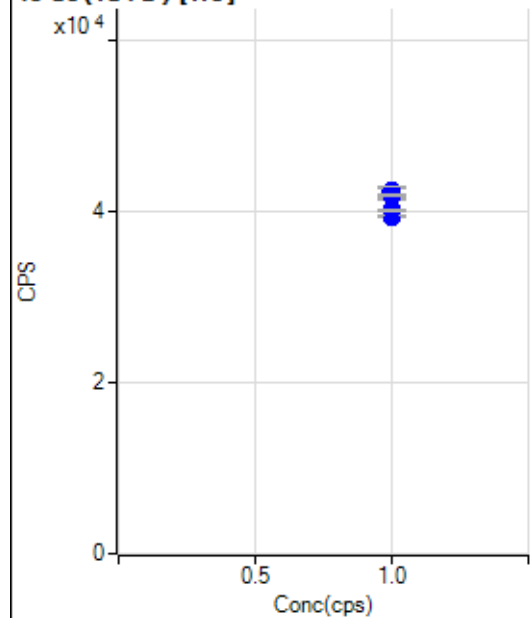
6 Li (ISTD) [No Gas]



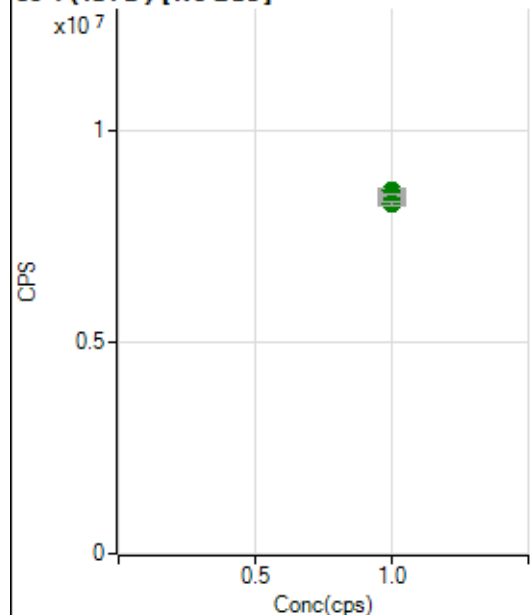
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1651673.29		A	1.7
2	☐	1.000					
3	☐	1.000		1648065.74		A	1.1
4	☐	1.000		1647011.78		A	1.6
5	☐	1.000		1662016.29		A	1.1
6	☐	1.000		1668278.29		A	1.7
7	☐	1.000		1632718.38		A	1.7
8	☐	1.000		1619444.94		A	1.0
9	☐	1.000		1574925.31		A	1.5

45 Sc (ISTD) [No Gas]

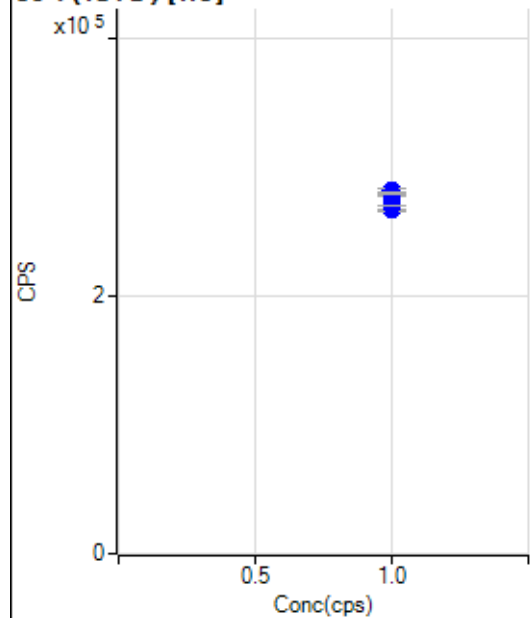
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4763008.09		A	0.5
2	☐	1.000					
3	☐	1.000		4859490.78		A	1.7
4	☐	1.000		4842196.64		A	0.3
5	☐	1.000		4870771.94		A	2.2
6	☐	1.000		4985359.44		A	1.5
7	☐	1.000		4872301.45		A	1.5
8	☐	1.000		4780471.68		A	1.6
9	☐	1.000		4758277.50		A	1.3

45 Sc (ISTD) [He]

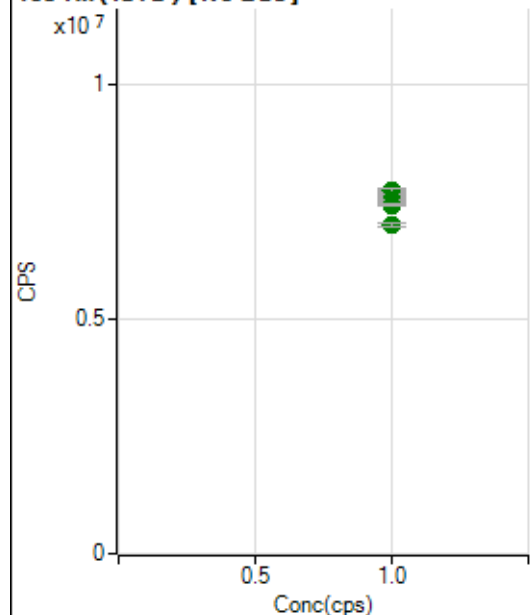
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		42280.25		P	1.2
2	☐	1.000					
3	☐	1.000		41958.19		P	2.7
4	☐	1.000		41631.70		P	1.0
5	☐	1.000		42322.67		P	2.2
6	☐	1.000		41798.92		P	0.8
7	☐	1.000		39363.03		P	0.6
8	☐	1.000		39482.14		P	0.5
9	☐	1.000		40086.18		P	0.7

89 Y (ISTD) [No Gas]

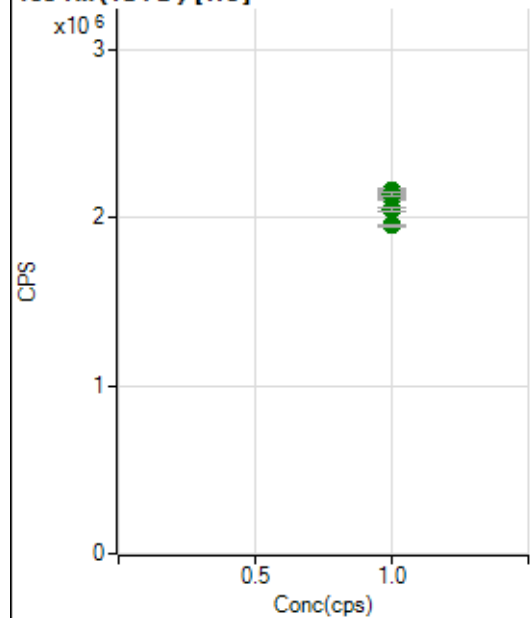
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8286753.42		A	0.8
2	☐	1.000					
3	☐	1.000		8372631.96		A	0.5
4	☐	1.000		8319945.43		A	1.2
5	☐	1.000		8481955.57		A	2.6
6	☐	1.000		8566347.10		A	1.3
7	☐	1.000		8473859.53		A	1.5
8	☐	1.000		8481165.50		A	0.4
9	☐	1.000		8268686.26		A	0.7

89 Y (ISTD) [He]

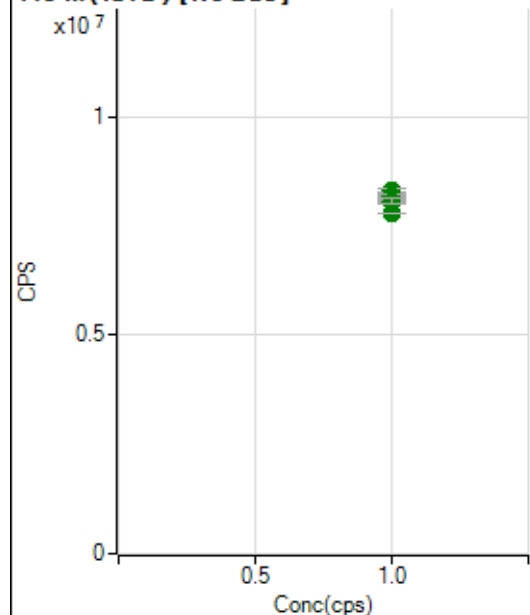
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		281075.47		P	0.9
2	☐	1.000					
3	☐	1.000		280645.69		P	1.2
4	☐	1.000		277636.05		P	0.8
5	☐	1.000		281105.29		P	1.8
6	☐	1.000		279220.56		P	0.5
7	☐	1.000		266274.46		P	0.8
8	☐	1.000		266059.51		P	0.7
9	☐	1.000		270240.10		P	0.1

103 Rh (ISTD) [No Gas]

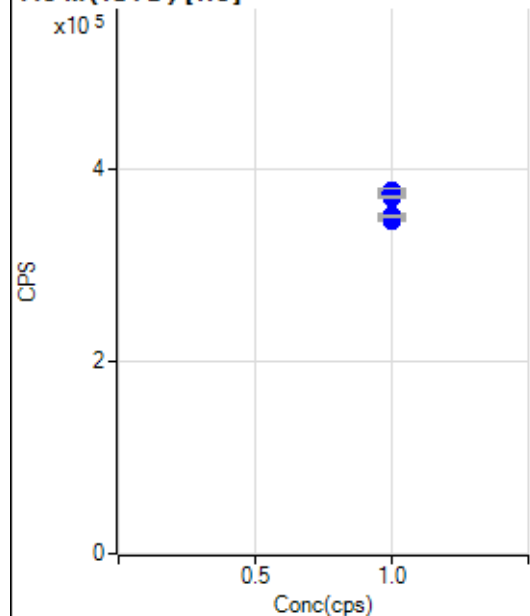
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7644772.39		A	1.5
2	☐	1.000					
3	☐	1.000		7668466.32		A	1.3
4	☐	1.000		7540689.92		A	0.5
5	☐	1.000		7661270.74		A	2.2
6	☐	1.000		7721107.20		A	1.4
7	☐	1.000		7511517.70		A	1.0
8	☐	1.000		7424148.86		A	0.7
9	☐	1.000		7007017.52		A	1.5

103 Rh (ISTD) [He]

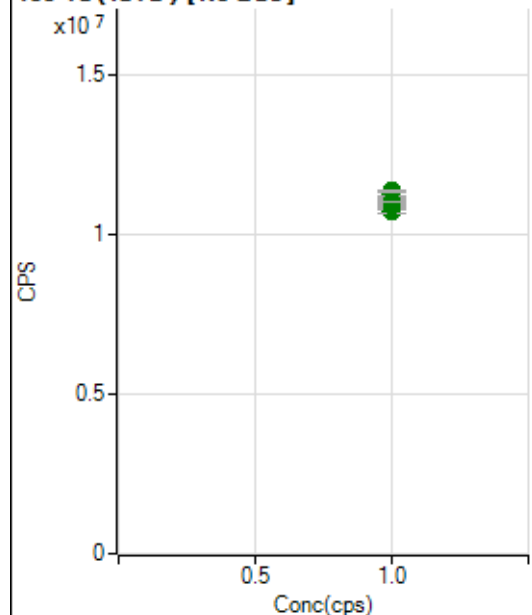
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2157006.72		A	1.1
2	☐	1.000					
3	☐	1.000		2154497.83		A	0.6
4	☐	1.000		2109659.10		A	1.0
5	☐	1.000		2153085.92		A	1.4
6	☐	1.000		2136322.41		A	0.8
7	☐	1.000		2046133.23		A	1.1
8	☐	1.000		2045731.65		A	1.2
9	☐	1.000		1949991.59		A	1.1

115 In (ISTD) [No Gas]

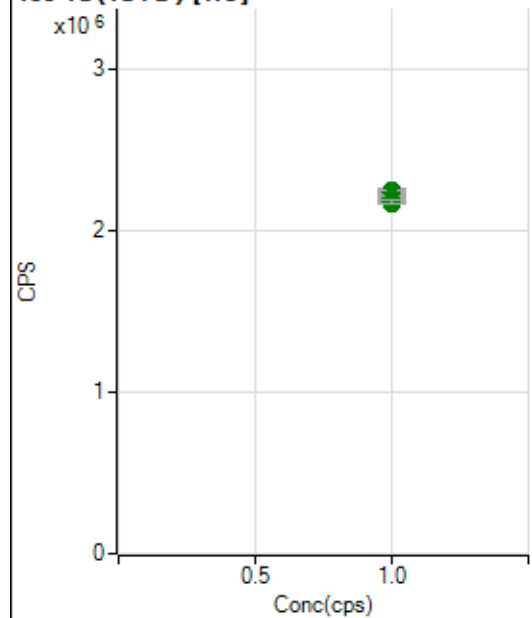
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8133436.40		A	1.5
2	☐	1.000					
3	☐	1.000		8155075.69		A	1.3
4	☐	1.000		8125765.07		A	1.3
5	☐	1.000		8177153.52		A	2.6
6	☐	1.000		8304873.07		A	1.0
7	☐	1.000		8172570.02		A	1.0
8	☐	1.000		8068021.91		A	1.4
9	☐	1.000		7779164.36		A	0.2

115 In (ISTD) [He]

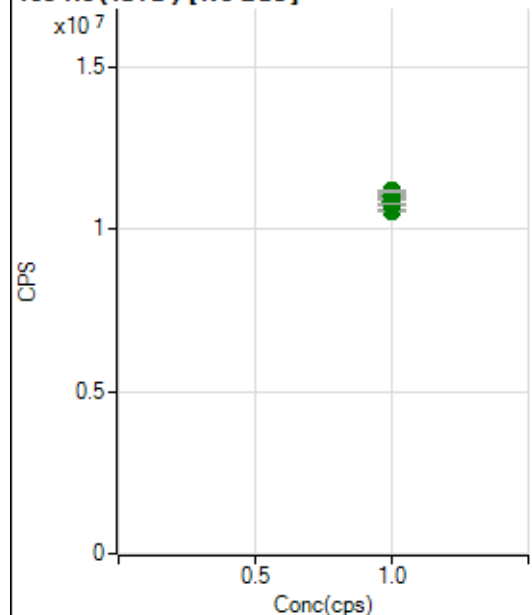
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		377874.47		P	0.1
2	☐	1.000					
3	☐	1.000		375685.02		P	1.1
4	☐	1.000		374751.10		P	1.0
5	☐	1.000		376628.99		P	1.9
6	☐	1.000		370777.10		P	0.6
7	☐	1.000		353102.41		P	0.5
8	☐	1.000		346944.45		P	0.6
9	☐	1.000		351245.81		P	0.6

159 Tb (ISTD) [No Gas]

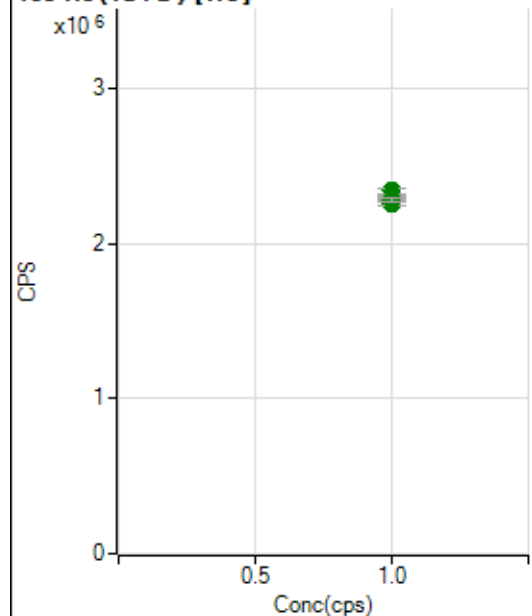
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10712240.40		A	1.0
2	☐	1.000					
3	☐	1.000		10908160.40		A	1.4
4	☐	1.000		10946472.20		A	0.6
5	☐	1.000		11004826.09		A	1.6
6	☐	1.000		11254554.00		A	1.4
7	☐	1.000		11276935.53		A	1.2
8	☐	1.000		11372238.72		A	0.7
9	☐	1.000		11031319.84		A	0.5

159 Tb (ISTD) [He]

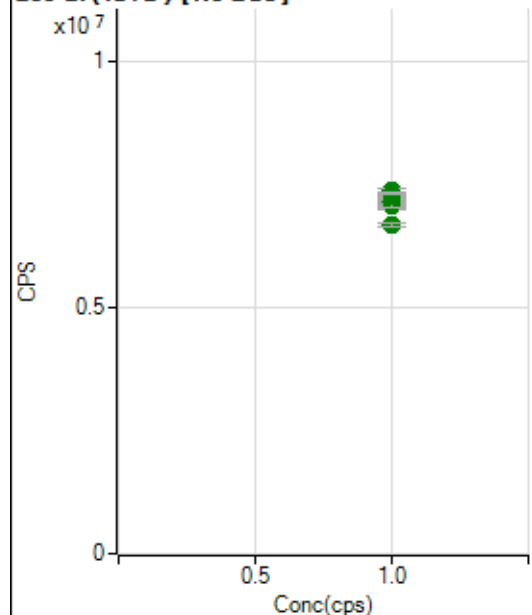
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2201803.25		A	0.3
2	☐	1.000					
3	☐	1.000		2210525.68		A	0.9
4	☐	1.000		2223631.46		A	0.6
5	☐	1.000		2241716.61		A	1.1
6	☐	1.000		2231770.04		A	1.6
7	☐	1.000		2168145.26		A	0.3
8	☐	1.000		2198763.35		A	1.0
9	☐	1.000		2173691.94		A	1.4

165 Ho (ISTD) [No Gas]

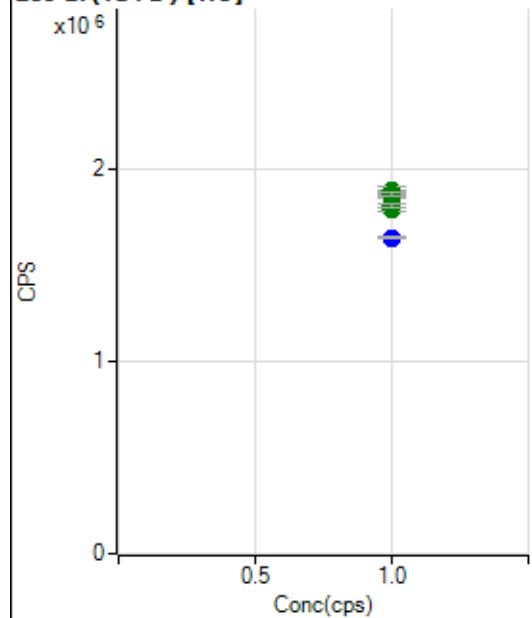
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10537623.85		A	0.1
2	☐	1.000					
3	☐	1.000		10556756.05		A	0.8
4	☐	1.000		10734358.14		A	0.6
5	☐	1.000		10836584.36		A	1.8
6	☐	1.000		11055826.81		A	1.0
7	☐	1.000		10988396.95		A	1.7
8	☐	1.000		11168727.77		A	0.4
9	☐	1.000		10782521.51		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2287951.75		A	1.0
2	☐	1.000					
3	☐	1.000		2294442.43		A	0.9
4	☐	1.000		2285144.01		A	0.9
5	☐	1.000		2339026.44		A	1.8
6	☐	1.000		2305245.00		A	0.8
7	☐	1.000		2257293.04		A	1.2
8	☐	1.000		2312753.18		A	0.3
9	☐	1.000		2280972.62		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7061890.80		A	2.0
2	☐	1.000					
3	☐	1.000		7108655.59		A	1.6
4	☐	1.000		7122065.38		A	0.8
5	☐	1.000		7137935.38		A	2.9
6	☐	1.000		7358612.74		A	1.3
7	☐	1.000		7238739.68		A	1.0
8	☐	1.000		7297504.20		A	0.6
9	☐	1.000		6681062.68		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1866594.24		A	0.2
2	☐	1.000					
3	☐	1.000		1874182.71		A	2.1
4	☐	1.000		1862234.59		A	0.7
5	☐	1.000		1886705.96		A	2.7
6	☐	1.000		1866750.22		A	0.9
7	☐	1.000		1789383.55		A	0.8
8	☐	1.000		1806556.15		A	1.1
9	☐	1.000		1642786.57		P	0.9

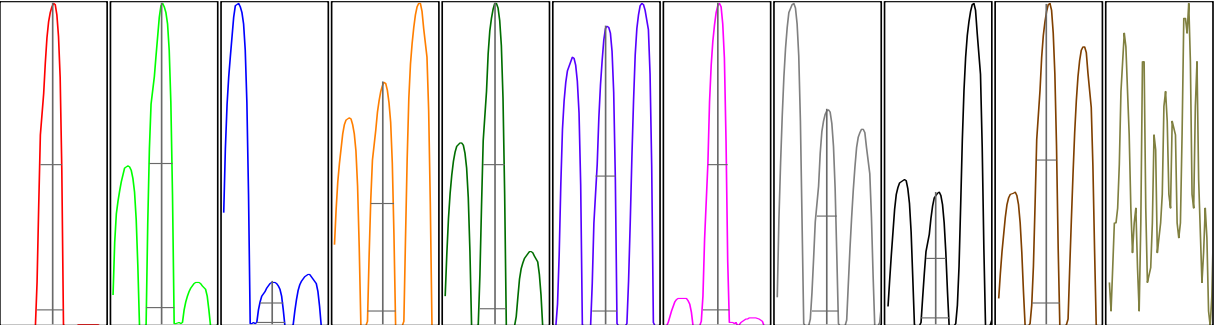
US EPA Tune Check Sample Report

Batch Folder D:\P8080818-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6189	1.42	5.00	
24	102078	0.87	5.00	
25	13826	0.95	5.00	
26	16054	1.19	5.00	
59	63676	1.21	5.00	
113	8759	1.59	5.00	
115	109459	1.73	5.00	
206	27303	2.21	5.00	
207	25124	2.18	5.00	
208	60101	1.88	5.00	
220	1	28.09		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6086	6155	6164	6218	6323
24	100718	102086	101934	103124	102528
25	13642	13800	13785	13972	13933
26	15836	16101	15908	16321	16107
59	62697	64097	63279	64705	63600
113	8570	8869	8720	8921	8716
115	106648	110251	109379	111858	109161
206	26334	27690	27384	27895	27211
207	24297	25491	24955	25720	25158
208	58229	60870	59879	60977	60552
220	1	1	1	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	10582	9.00	8.9 - 9.1		0.776	0.900	
24	168794	23.95	23.9 - 24.1		0.786	0.900	
25	22824	24.95	24.9 - 25.1		0.787	0.900	
26	26739	25.95	25.9 - 26.1		0.785	0.900	
59	110033	59.00	58.9 - 59.1		0.778	0.900	
113	16381	113.00	112.9 - 113.1		0.728	0.900	
115	203675	115.05	114.9 - 115.1		0.766	0.900	
206	49326	206.00	205.9 - 206.1		0.778	0.900	
207	44755	206.95	206.9 - 207.1		0.778	0.900	
208	108029	207.95	207.9 - 208.1		0.783	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	14.2	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8311	2.13	
89	8456	1.97	
205	11814	1.85	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8436	8357	8363	7999	8401
89	8551	8500	8545	8160	8525
205	11989	11884	11973	11456	11771

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	1.4	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number : LB97185 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-08 12:28:05 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.00	-0.70	-0.30	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.02	-0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.57	0.41	0.16	0.00	N/A	ppb
Boron	11-1	0.07	-0.07	0.00	0.00	N/A	ppb
Cadmium	111-1	0.00	0.08	-0.08	0.00	N/A	ppb
Cadmium	106-1	0.03	0.99	-1.02	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.07	0.07	0.00	N/A	ppb
Calcium	43-1	2.87	-5.13	2.25	0.00	N/A	ppb
Calcium	44-1	0.16	-0.06	-0.10	0.00	N/A	ppb
Chromium	52-2	0.07	-0.02	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	0.00	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	0.07	0.04	-0.11	0.00	N/A	ppb
Iron	57-2	0.06	-0.87	0.82	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	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	0.05	-1.02	0.97	0.00	N/A	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:28:05	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	-0.01	-0.04	0.00	N/A	ppb
Molybdenum	94-1	0.04	-0.04	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-13.83	-13.83	-13.83	-13.83		ppb
Potassium	39-2	8.23	-2.08	-6.15	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	1.45	-1.17	0.00	N/A	ppb
Selenium	82-1	-0.15	0.46	-0.30	0.00	N/A	ppb
Silicon	28-1	0.38	-0.57	0.19	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	0.01	0.00	N/A	ppb
Sodium	23-2	1.09	-1.85	0.76	0.00	N/A	ppb
Strontium	86-1	-0.04	0.04	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	104.24	-48.50	78.52	44.75	182.74	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.08	-0.05	-0.03	0.00	N/A	ppb
Titanium	47-1	0.06	-0.04	-0.02	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	0.13	0.04	-0.17	0.00	N/A	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:28:05	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00	N/A	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:35:42	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.01	20.75	14.70	16.49	22.49	ppb
Antimony	121-1	1.91	1.99	1.91	1.94	2.39	ppb
Arsenic	75-2	1.00	1.02	0.97	1.00	2.36	ppb
Barium	135-1	9.82	9.95	9.77	9.84	0.94	ppb
Barium	137-1	9.97	9.87	9.94	9.93	0.50	ppb
Beryllium	9-1	0.91	1.10	0.93	0.98	10.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	21.79	22.29	21.95	22.01	1.16	ppb
Boron	11-1	23.61	24.32	23.40	23.78	2.03	ppb
Cadmium	111-1	0.89	0.84	1.12	0.95	15.76	ppb
Cadmium	106-1	0.15	-0.10	2.17	0.74	168.15	ppb
Cadmium	108-1	1.39	0.91	0.64	0.98	38.92	ppb
Calcium	43-1	464.08	471.71	444.60	460.13	3.04	ppb
Calcium	44-1	451.86	457.84	446.62	452.10	1.24	ppb
Chromium	52-2	2.16	1.99	2.02	2.06	4.28	ppb
Cobalt	59-2	0.95	0.96	0.92	0.95	2.18	ppb
Copper	63-2	1.98	1.98	1.93	1.96	1.52	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				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	50.98	49.46	48.07	49.50	2.95	ppb
Iron	57-2	43.86	46.18	53.85	47.96	10.89	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.03	0.91	0.96	6.30	ppb
Lead	207-1	0.93	0.97	0.97	0.96	2.36	ppb
Lead	208-1	0.95	1.01	0.94	0.97	3.59	ppb
Lithium	6-1				100		%
Magnesium	24-2	495.81	489.34	459.80	481.65	3.99	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:35:42	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.63	0.89	0.84	22.81	ppb
Molybdenum	94-1	4.81	5.03	4.73	4.86	3.14	ppb
Molybdenum	95-1	4.68	4.65	4.91	4.75	3.05	ppb
Molybdenum	96-1	4.71	4.98	4.86	4.85	2.83	ppb
Molybdenum	97-1	4.84	4.87	5.20	4.97	3.95	ppb
Molybdenum	98-1	4.68	4.94	4.59	4.74	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.05	1.00	1.02	2.36	ppb
Phosphorus	31-2	28.36	6.95	6.18	13.83	91.06	ppb
Potassium	39-2	471.46	491.40	436.04	466.30	6.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	5.31	5.23	0.00	3.51	86.61	ppb
Selenium	78-2	1.52	1.47	1.45	1.48	2.20	ppb
Selenium	82-1	4.90	5.22	5.27	5.13	3.93	ppb
Silicon	28-1	16.39	18.63	11.30	15.44	24.32	ppb
Silver	109-1	1.12	1.01	1.01	1.04	5.96	ppb
Silver	107-1	1.05	1.07	1.00	1.04	3.31	ppb
Sodium	23-2	508.70	492.06	465.22	488.66	4.49	ppb
Strontium	86-1	0.97	0.98	0.91	0.96	4.00	ppb
Strontium	88-1	1.03	1.00	1.04	1.02	2.13	ppb
Sulfur	34-1	20.13	194.28	-348.66	-44.75		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.93	0.98	0.97	0.96	2.96	ppb
Thallium	205-1	0.93	1.02	0.92	0.96	5.53	ppb
Tin	118-1	4.76	4.91	4.78	4.82	1.67	ppb
Titanium	47-1	5.03	5.21	5.09	5.11	1.77	ppb
Uranium	238-1	0.93	0.93	0.91	0.92	1.38	ppb
Vanadium	51-2	4.88	4.89	4.84	4.87	0.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2.15	1.75	1.84	1.91	10.98	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:35:42	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.95	1.00	0.96	3.31	ppb
Zirconium	91-1	1.06	0.90	1.07	1.01	9.54	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:39:25	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1000.81	984.29	968.11	984.40	1.66	ppb
Antimony	121-1	50.00	50.69	51.47	50.72	1.45	ppb
Arsenic	75-2	50.67	50.42	51.63	50.91	1.25	ppb
Barium	135-1	251.84	256.16	257.57	255.19	1.17	ppb
Barium	137-1	253.85	255.41	261.67	256.98	1.61	ppb
Beryllium	9-1	52.61	51.95	53.66	52.74	1.63	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	46.82	48.95	53.44	49.74	6.80	ppb
Boron	11-1	47.76	50.44	51.66	49.95	4.00	ppb
Cadmium	111-1	51.81	52.83	52.18	52.27	0.99	ppb
Cadmium	106-1	52.38	50.57	49.89	50.94	2.52	ppb
Cadmium	108-1	52.90	50.85	51.84	51.86	1.98	ppb
Calcium	43-1	4970.12	4879.08	4862.81	4904.00	1.18	ppb
Calcium	44-1	5063.99	4856.59	5015.08	4978.55	2.18	ppb
Chromium	52-2	50.29	52.05	50.20	50.85	2.06	ppb
Cobalt	59-2	50.91	51.56	50.50	50.99	1.04	ppb
Copper	63-2	102.11	102.93	101.21	102.08	0.84	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				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2572.06	2604.55	2553.83	2576.81	1.00	ppb
Iron	57-2	2474.40	2572.23	2519.33	2521.99	1.94	ppb
Krypton	83-1						cps
Lead	206-1	49.30	50.31	51.30	50.30	1.99	ppb
Lead	207-1	49.17	49.29	49.99	49.48	0.89	ppb
Lead	208-1	49.53	49.62	50.84	50.00	1.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	5149.92	5259.22	5141.67	5183.61	1.27	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:39:25	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.37	100.32	98.77	99.82	0.91	ppb
Molybdenum	94-1	253.33	250.80	257.96	254.03	1.43	ppb
Molybdenum	95-1	252.63	248.93	258.17	253.24	1.84	ppb
Molybdenum	96-1	253.49	250.48	258.35	254.10	1.56	ppb
Molybdenum	97-1	249.71	251.78	259.21	253.57	1.97	ppb
Molybdenum	98-1	251.59	249.61	257.58	252.93	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.84	53.09	49.96	51.29	3.15	ppb
Phosphorus	31-2	1267.39	890.72	1060.30	1072.80	17.58	ppb
Potassium	39-2	2517.15	2563.07	2569.48	2549.90	1.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	31.69	47.49	37.46	38.88	20.57	ppb
Selenium	78-2	52.96	44.93	57.28	51.72	12.11	ppb
Selenium	82-1	52.06	51.14	53.81	52.34	2.59	ppb
Silicon	28-1	64.56	62.30	65.11	63.99	2.33	ppb
Silver	109-1	52.92	52.84	53.21	52.99	0.36	ppb
Silver	107-1	52.65	52.62	53.24	52.84	0.66	ppb
Sodium	23-2	5116.60	5265.51	5085.18	5155.76	1.87	ppb
Strontium	86-1	50.22	50.07	51.87	50.72	1.96	ppb
Strontium	88-1	51.17	50.76	52.34	51.42	1.60	ppb
Sulfur	34-1	1210.91	1209.91	1162.88	1194.57	2.30	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	49.30	49.11	50.86	49.75	1.93	ppb
Thallium	205-1	49.85	49.93	51.11	50.30	1.40	ppb
Tin	118-1	50.53	51.58	51.28	51.13	1.05	ppb
Titanium	47-1	250.24	250.69	249.21	250.05	0.30	ppb
Uranium	238-1	49.33	48.82	49.75	49.30	0.95	ppb
Vanadium	51-2	49.32	51.55	50.03	50.30	2.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	100.28	101.09	103.13	101.50	1.44	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:39:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.56	49.89	50.44	49.96	0.89	ppb
Zirconium	91-1	48.34	48.89	49.40	48.88	1.09	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:43:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2408.22	2366.66	2522.53	2432.47	3.32	ppb
Antimony	121-1	127.19	132.17	131.79	130.38	2.13	ppb
Arsenic	75-2	125.90	120.09	127.40	124.46	3.10	ppb
Barium	135-1	644.92	660.23	651.30	652.15	1.18	ppb
Barium	137-1	641.49	670.05	655.01	655.52	2.18	ppb
Beryllium	9-1	128.82	131.64	129.90	130.12	1.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	120.89	126.53	120.35	122.59	2.79	ppb
Boron	11-1	119.68	126.10	129.38	125.05	3.95	ppb
Cadmium	111-1	129.83	134.27	133.06	132.38	1.73	ppb
Cadmium	106-1	135.26	135.40	136.28	135.65	0.41	ppb
Cadmium	108-1	131.53	134.87	134.25	133.55	1.33	ppb
Calcium	43-1	12091.87	12833.52	12376.76	12434.05	3.01	ppb
Calcium	44-1	12100.09	12615.41	12517.40	12410.96	2.20	ppb
Chromium	52-2	127.14	122.95	129.04	126.38	2.47	ppb
Cobalt	59-2	126.91	122.25	126.76	125.31	2.11	ppb
Copper	63-2	253.40	243.69	255.30	250.80	2.48	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				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	6521.62	6273.62	6535.43	6443.55	2.29	ppb
Iron	57-2	6232.74	6151.29	6358.48	6247.50	1.67	ppb
Krypton	83-1						cps
Lead	206-1	124.08	131.11	126.02	127.07	2.86	ppb
Lead	207-1	121.69	128.85	124.72	125.09	2.87	ppb
Lead	208-1	122.93	129.98	125.95	126.29	2.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	12865.76	12583.11	12834.37	12761.08	1.21	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:43:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.24	245.62	254.65	251.17	1.93	ppb
Molybdenum	94-1	633.36	664.05	651.99	649.80	2.38	ppb
Molybdenum	95-1	625.19	651.53	644.68	640.47	2.13	ppb
Molybdenum	96-1	625.53	664.71	657.88	649.37	3.22	ppb
Molybdenum	97-1	615.10	651.81	639.65	635.52	2.94	ppb
Molybdenum	98-1	622.60	653.39	641.13	639.04	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.17	123.76	128.91	126.62	2.07	ppb
Phosphorus	31-2	2535.19	2442.48	2506.39	2494.69	1.90	ppb
Potassium	39-2	6303.40	6010.56	6317.66	6210.54	2.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	110.48	143.87	111.69	122.01	15.52	ppb
Selenium	78-2	138.48	144.70	142.69	141.96	2.24	ppb
Selenium	82-1	125.94	134.18	131.35	130.49	3.21	ppb
Silicon	28-1	154.11	168.82	165.27	162.74	4.72	ppb
Silver	109-1	132.27	136.92	133.87	134.35	1.76	ppb
Silver	107-1	131.63	135.87	133.06	133.52	1.62	ppb
Sodium	23-2	12863.75	12510.09	12874.24	12749.36	1.63	ppb
Strontium	86-1	122.64	129.36	126.12	126.04	2.67	ppb
Strontium	88-1	125.45	133.23	129.33	129.34	3.01	ppb
Sulfur	34-1	2375.02	3260.94	2788.74	2808.23	15.78	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	122.59	130.48	125.98	126.35	3.13	ppb
Thallium	205-1	125.23	132.07	129.83	129.05	2.70	ppb
Tin	118-1	127.23	131.22	131.02	129.83	1.73	ppb
Titanium	47-1	625.79	650.80	634.83	637.14	1.99	ppb
Uranium	238-1	124.48	131.34	127.25	127.69	2.70	ppb
Vanadium	51-2	127.77	120.92	127.40	125.36	3.07	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	253.21	243.99	257.88	251.69	2.81	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:43:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.12	131.03	131.94	129.70	2.41	ppb
Zirconium	91-1	120.98	128.09	127.40	125.49	3.13	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:46:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4909.43	4908.77	4901.94	4906.72	0.08	ppb
Antimony	121-1	253.15	253.39	259.24	255.26	1.35	ppb
Arsenic	75-2	253.85	248.58	252.71	251.71	1.10	ppb
Barium	135-1	1259.70	1279.08	1288.33	1275.70	1.15	ppb
Barium	137-1	1249.64	1275.12	1276.01	1266.92	1.18	ppb
Beryllium	9-1	248.35	258.00	257.22	254.52	2.11	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	237.15	253.81	250.20	247.05	3.55	ppb
Boron	11-1	239.04	251.56	254.65	248.42	3.33	ppb
Cadmium	111-1	249.48	252.19	258.78	253.49	1.89	ppb
Cadmium	106-1	247.32	258.31	259.93	255.19	2.69	ppb
Cadmium	108-1	254.77	253.42	259.22	255.80	1.19	ppb
Calcium	43-1	23516.79	23913.20	24383.67	23937.89	1.81	ppb
Calcium	44-1	23684.73	24111.43	24217.48	24004.55	1.17	ppb
Chromium	52-2	250.69	247.47	252.75	250.30	1.06	ppb
Cobalt	59-2	250.10	246.53	252.87	249.84	1.27	ppb
Copper	63-2	501.75	496.69	508.26	502.23	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	12674.05	12517.11	12898.85	12696.67	1.51	ppb
Iron	57-2	12495.39	12275.07	12633.46	12467.97	1.45	ppb
Krypton	83-1						cps
Lead	206-1	241.43	246.35	248.25	245.34	1.43	ppb
Lead	207-1	238.29	243.44	243.52	241.75	1.24	ppb
Lead	208-1	244.20	248.74	250.85	247.93	1.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	25427.94	25021.78	25516.26	25321.99	1.04	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:46:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	505.47	495.21	503.68	501.45	1.09	ppb
Molybdenum	94-1	1247.31	1263.72	1268.21	1259.75	0.87	ppb
Molybdenum	95-1	1219.63	1247.76	1264.84	1244.08	1.84	ppb
Molybdenum	96-1	1238.01	1263.67	1261.55	1254.41	1.14	ppb
Molybdenum	97-1	1255.00	1275.44	1281.47	1270.64	1.09	ppb
Molybdenum	98-1	1223.53	1238.33	1252.42	1238.09	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.25	249.91	254.26	251.80	0.88	ppb
Phosphorus	31-2	5480.26	5538.04	4895.90	5304.73	6.70	ppb
Potassium	39-2	12457.77	12277.83	12294.26	12343.28	0.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	337.19	199.48	307.56	281.41	25.76	ppb
Selenium	78-2	244.89	237.83	268.76	250.49	6.47	ppb
Selenium	82-1	251.43	257.79	257.36	255.53	1.39	ppb
Silicon	28-1	265.68	274.13	289.63	276.48	4.39	ppb
Silver	109-1	259.48	260.81	266.78	262.36	1.48	ppb
Silver	107-1	259.76	263.42	266.66	263.28	1.31	ppb
Sodium	23-2	25789.16	25291.42	25670.44	25583.67	1.02	ppb
Strontium	86-1	246.00	248.02	250.65	248.22	0.94	ppb
Strontium	88-1	249.98	253.55	253.54	252.35	0.82	ppb
Sulfur	34-1	4582.87	4778.40	4995.71	4785.66	4.32	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	243.74	251.43	247.54	247.57	1.55	ppb
Thallium	205-1	244.53	248.29	252.16	248.33	1.54	ppb
Tin	118-1	249.12	252.95	255.63	252.56	1.30	ppb
Titanium	47-1	1208.85	1239.16	1239.25	1229.09	1.43	ppb
Uranium	238-1	236.81	246.21	246.83	243.28	2.31	ppb
Vanadium	51-2	249.16	247.71	251.96	249.61	0.87	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	499.25	491.12	502.18	497.52	1.15	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:46:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	245.75	254.25	254.62	251.54	2.00	ppb
Zirconium	91-1	240.48	245.82	246.92	244.41	1.41	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:50:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9998.31	9857.45	10042.13	9965.96	0.97	ppb
Antimony	121-1	502.09	510.36	492.25	501.57	1.81	ppb
Arsenic	75-2	508.21	511.84	497.09	505.72	1.52	ppb
Barium	135-1	2511.05	2522.76	2479.44	2504.41	0.89	ppb
Barium	137-1	2494.11	2506.25	2471.55	2490.64	0.71	ppb
Beryllium	9-1	500.42	516.06	492.50	502.99	2.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	487.53	503.74	501.39	497.55	1.76	ppb
Boron	11-1	487.69	512.77	507.18	502.55	2.62	ppb
Cadmium	111-1	501.21	508.13	494.17	501.17	1.39	ppb
Cadmium	106-1	501.43	515.17	495.17	503.92	2.03	ppb
Cadmium	108-1	500.85	509.27	496.94	502.35	1.25	ppb
Calcium	43-1	48337.36	48648.71	47375.52	48120.53	1.38	ppb
Calcium	44-1	48254.27	48520.00	46989.05	47921.11	1.71	ppb
Chromium	52-2	505.56	510.87	509.40	508.61	0.54	ppb
Cobalt	59-2	503.18	508.22	505.91	505.77	0.50	ppb
Copper	63-2	1008.37	1013.48	1012.79	1011.55	0.27	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				99		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	25626.96	25744.82	25666.61	25679.46	0.23	ppb
Iron	57-2	24987.89	25221.56	25449.40	25219.61	0.92	ppb
Krypton	83-1						cps
Lead	206-1	500.43	504.99	495.19	500.21	0.98	ppb
Lead	207-1	503.96	501.85	497.84	501.22	0.62	ppb
Lead	208-1	501.28	501.96	496.21	499.81	0.63	ppb
Lithium	6-1				99		%
Magnesium	24-2	51561.37	51870.21	51927.09	51786.22	0.38	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:50:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.88	1010.78	1023.30	1015.32	0.68	ppb
Molybdenum	94-1	2491.75	2536.30	2440.83	2489.63	1.92	ppb
Molybdenum	95-1	2490.64	2513.37	2444.19	2482.74	1.42	ppb
Molybdenum	96-1	2511.12	2516.60	2421.97	2483.23	2.14	ppb
Molybdenum	97-1	2497.73	2537.93	2444.96	2493.54	1.87	ppb
Molybdenum	98-1	2529.35	2513.31	2436.94	2493.20	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.78	515.62	513.08	512.83	0.57	ppb
Phosphorus	31-2	10798.46	11402.15	10385.29	10861.97	4.71	ppb
Potassium	39-2	24648.31	24790.57	24721.69	24720.19	0.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	460.10	534.35	597.42	530.63	12.95	ppb
Selenium	78-2	503.59	574.85	527.37	535.27	6.78	ppb
Selenium	82-1	506.05	509.94	490.29	502.09	2.07	ppb
Silicon	28-1	539.04	550.67	539.46	543.06	1.21	ppb
Silver	109-1	509.40	510.89	504.61	508.30	0.65	ppb
Silver	107-1	510.47	518.28	502.36	510.37	1.56	ppb
Sodium	23-2	50711.26	51369.83	50583.88	50888.32	0.83	ppb
Strontium	86-1	499.85	498.68	486.78	495.10	1.46	ppb
Strontium	88-1	502.38	502.33	488.18	497.63	1.64	ppb
Sulfur	34-1	10104.76	10255.04	9046.53	9802.11	6.72	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	498.78	502.78	500.21	500.59	0.40	ppb
Thallium	205-1	495.34	503.07	492.75	497.05	1.08	ppb
Tin	118-1	500.69	510.42	496.38	502.49	1.43	ppb
Titanium	47-1	2534.86	2534.24	2471.17	2513.43	1.46	ppb
Uranium	238-1	496.98	492.85	486.22	492.01	1.10	ppb
Vanadium	51-2	505.32	506.72	506.58	506.20	0.15	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	1013.42	1014.83	1020.51	1016.25	0.37	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:50:14	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.88	502.19	487.13	497.07	1.73	ppb
Zirconium	91-1	493.83	497.09	477.25	489.39	2.17	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:53:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19361.16	19109.18	19274.24	19248.19	0.66	ppb
Antimony	121-1	1002.42	995.25	993.92	997.19	0.46	ppb
Arsenic	75-2	994.40	1011.04	984.77	996.74	1.33	ppb
Barium	135-1	5012.07	4998.75	4952.32	4987.71	0.63	ppb
Barium	137-1	5059.31	4978.32	4951.23	4996.29	1.13	ppb
Beryllium	9-1	1000.81	978.73	1010.24	996.60	1.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	987.44	998.43	1021.18	1002.35	1.72	ppb
Boron	11-1	980.63	997.79	1019.02	999.15	1.92	ppb
Cadmium	111-1	1001.35	1002.07	989.10	997.51	0.73	ppb
Cadmium	106-1	1007.49	992.42	986.18	995.36	1.10	ppb
Cadmium	108-1	996.27	1005.76	986.60	996.21	0.96	ppb
Calcium	43-1	99682.31	98012.17	96365.82	98020.10	1.69	ppb
Calcium	44-1	98778.89	98106.37	95410.59	97431.95	1.83	ppb
Chromium	52-2	995.69	990.54	999.98	995.40	0.47	ppb
Cobalt	59-2	980.19	1008.75	1002.26	997.07	1.50	ppb
Copper	63-2	1992.87	1988.44	1999.08	1993.47	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	50340.35	50215.80	50697.58	50417.91	0.50	ppb
Iron	57-2	49450.99	49363.49	49894.87	49569.78	0.57	ppb
Krypton	83-1						cps
Lead	206-1	1008.29	1003.74	990.33	1000.79	0.93	ppb
Lead	207-1	1008.51	998.75	997.15	1001.47	0.61	ppb
Lead	208-1	1006.62	1002.98	991.75	1000.45	0.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	99852.79	99864.52	100339.84	100019.05	0.28	ppb

LB Number : LB97185 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-08 12:53:42 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1986.31	1982.89	2006.31	1991.84	0.64	ppb
Molybdenum	94-1	5073.25	4948.97	4976.12	4999.45	1.31	ppb
Molybdenum	95-1	5060.98	4991.88	4971.19	5008.02	0.94	ppb
Molybdenum	96-1	5035.03	4985.33	4991.73	5004.03	0.54	ppb
Molybdenum	97-1	5043.70	4978.81	4967.22	4996.58	0.82	ppb
Molybdenum	98-1	5045.30	5033.96	4934.17	5004.48	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.80	989.80	993.00	992.87	0.30	ppb
Phosphorus	31-2	19944.60	18915.87	19609.10	19489.86	2.69	ppb
Potassium	39-2	47835.23	48191.31	48720.61	48249.05	0.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	1056.75	888.33	988.23	977.77	8.66	ppb
Selenium	78-2	988.35	963.30	988.51	980.05	1.48	ppb
Selenium	82-1	1000.12	998.84	991.34	996.77	0.48	ppb
Silicon	28-1	982.59	969.94	946.62	966.38	1.89	ppb
Silver	109-1	1004.74	990.84	978.75	991.44	1.31	ppb
Silver	107-1	994.90	995.82	980.14	990.29	0.89	ppb
Sodium	23-2	98841.16	98365.98	99140.71	98782.62	0.40	ppb
Strontium	86-1	1003.61	1003.13	1001.44	1002.73	0.11	ppb
Strontium	88-1	1010.29	999.18	990.47	999.98	0.99	ppb
Sulfur	34-1	20650.32	20090.74	19571.76	20104.27	2.68	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	1011.63	995.67	993.17	1000.16	1.00	ppb
Thallium	205-1	1011.62	1004.84	987.66	1001.37	1.23	ppb
Tin	118-1	997.51	1005.01	989.85	997.45	0.76	ppb
Titanium	47-1	5071.78	5035.27	4883.94	4997.00	1.99	ppb
Uranium	238-1	1018.32	1005.97	991.82	1005.37	1.32	ppb
Vanadium	51-2	995.81	988.45	1006.54	996.94	0.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	1977.37	1986.25	2013.01	1992.21	0.93	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:53:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1008.46	1001.16	991.86	1000.50	0.83	ppb
Zirconium	91-1	1014.55	1006.29	999.24	1006.70	0.76	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:57:04	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99768.74	99323.64	101388.44	100160.27	1.08	ppb
Antimony	121-1	2.94	2.72	2.62	2.76	5.99	ppb
Arsenic	75-2	1.56	1.81	1.85	1.74	9.07	ppb
Barium	135-1	0.93	0.96	1.00	0.96	3.78	ppb
Barium	137-1	0.93	0.88	0.94	0.92	3.49	ppb
Beryllium	9-1	0.52	0.47	0.40	0.47	12.55	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	61.86	53.46	48.89	54.74	12.02	ppb
Boron	11-1	56.78	52.09	48.50	52.46	7.92	ppb
Cadmium	111-1	0.28	0.29	0.25	0.27	6.61	ppb
Cadmium	106-1	0.21	0.21	-0.67	-0.08		ppb
Cadmium	108-1	0.28	0.39	0.42	0.37	19.78	ppb
Calcium	43-1	505988.98	499280.65	496649.41	500639.68	0.96	ppb
Calcium	44-1	507331.38	499957.09	495032.81	500773.76	1.24	ppb
Chromium	52-2	37.67	37.59	38.64	37.97	1.54	ppb
Cobalt	59-2	11.98	12.18	12.14	12.10	0.85	ppb
Copper	63-2	4.49	4.66	4.74	4.63	2.76	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				102		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	250027.76	246781.14	252690.20	249833.03	1.18	ppb
Iron	57-2	249660.98	248070.00	252465.60	250065.53	0.89	ppb
Krypton	83-1						cps
Lead	206-1	6.91	6.79	6.81	6.84	0.95	ppb
Lead	207-1	6.31	6.12	5.94	6.12	3.04	ppb
Lead	208-1	6.52	6.42	6.32	6.42	1.59	ppb
Lithium	6-1				95		%
Magnesium	24-2	498677.87	492538.87	508162.63	499793.12	1.57	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:57:04	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.58	8.76	10.01	9.12	8.54	ppb
Molybdenum	94-1	6.61	6.37	6.54	6.51	1.88	ppb
Molybdenum	95-1	8.97	8.62	8.29	8.63	3.91	ppb
Molybdenum	96-1	9.40	8.51	8.35	8.75	6.45	ppb
Molybdenum	97-1	9.44	8.68	8.58	8.90	5.30	ppb
Molybdenum	98-1	8.90	8.68	8.43	8.67	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.42	32.26	33.01	32.23	2.46	ppb
Phosphorus	31-2	-13.83	29.01	-13.83	0.45	5480.14	ppb
Potassium	39-2	249347.23	245869.54	255942.92	250386.56	2.04	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	5.44	5.44	5.45	5.44	0.07	ppb
Selenium	78-2	-1.17	3.41	0.66	0.97	237.49	ppb
Selenium	82-1	0.87	1.71	0.99	1.19	38.19	ppb
Silicon	28-1	46.62	45.05	45.44	45.70	1.79	ppb
Silver	109-1	0.11	0.10	0.11	0.11	6.00	ppb
Silver	107-1	0.10	0.10	0.09	0.10	5.00	ppb
Sodium	23-2	498421.47	494866.36	507065.21	500117.68	1.25	ppb
Strontium	86-1	4.89	4.85	4.90	4.88	0.55	ppb
Strontium	88-1	5.10	5.14	5.04	5.09	1.02	ppb
Sulfur	34-1	-838.88	-1124.69	-1222.54	-1062.04		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.69	0.69	0.63	0.67	5.84	ppb
Thallium	205-1	0.72	0.66	0.64	0.67	6.04	ppb
Tin	118-1	3.55	3.37	3.36	3.43	3.03	ppb
Titanium	47-1	2.49	2.71	2.72	2.64	5.03	ppb
Uranium	238-1	0.10	0.10	0.09	0.10	6.48	ppb
Vanadium	51-2	0.41	0.48	0.48	0.46	8.60	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	20.87	19.23	20.78	20.29	4.52	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:57:04	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.22	0.22	0.23	4.07	ppb
Zirconium	91-1	0.26	0.22	0.26	0.25	9.15	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:16:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	479.19	512.75	489.07	493.67	3.49	ppb
Antimony	121-1	204.18	199.18	205.71	203.02	1.68	ppb
Arsenic	75-2	193.43	197.63	196.31	195.79	1.10	ppb
Barium	135-1	100.89	100.95	102.81	101.55	1.08	ppb
Barium	137-1	101.07	99.61	103.86	101.51	2.12	ppb
Beryllium	9-1	97.80	98.06	99.98	98.61	1.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	489.83	503.64	537.94	510.47	4.85	ppb
Boron	11-1	497.35	512.34	542.72	517.47	4.47	ppb
Cadmium	111-1	103.96	103.52	107.90	105.13	2.29	ppb
Cadmium	106-1	160.01	159.11	160.84	159.99	0.54	ppb
Cadmium	108-1	134.01	135.28	137.41	135.57	1.27	ppb
Calcium	43-1	2040.58	1926.05	2135.63	2034.09	5.16	ppb
Calcium	44-1	1974.36	1927.89	2054.34	1985.53	3.22	ppb
Chromium	52-2	93.75	97.43	93.78	94.99	2.23	ppb
Cobalt	59-2	96.38	98.87	94.33	96.53	2.36	ppb
Copper	63-2	98.64	99.92	96.13	98.23	1.96	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				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	990.56	1008.93	968.42	989.31	2.05	ppb
Iron	57-2	957.43	977.53	957.63	964.19	1.20	ppb
Krypton	83-1						cps
Lead	206-1	197.67	193.07	206.60	199.11	3.46	ppb
Lead	207-1	186.97	182.88	195.04	188.30	3.29	ppb
Lead	208-1	195.23	189.64	204.35	196.40	3.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	1130.34	1213.20	1160.87	1168.14	3.59	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:16:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.32	95.65	92.36	94.11	1.76	ppb
Molybdenum	94-1	1105.59	1068.21	1162.17	1111.99	4.25	ppb
Molybdenum	95-1	543.87	532.90	567.07	547.95	3.18	ppb
Molybdenum	96-1	619.04	601.73	648.26	623.01	3.77	ppb
Molybdenum	97-1	532.32	520.16	551.53	534.67	2.96	ppb
Molybdenum	98-1	535.27	535.43	564.32	545.01	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.31	100.35	96.73	98.13	1.98	ppb
Phosphorus	31-2	25.62	26.75	-13.83	12.85	179.88	ppb
Potassium	39-2	1960.10	1976.88	1893.34	1943.44	2.27	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	219.18	155.68	168.61	181.16	18.52	ppb
Selenium	78-2	198.35	193.25	197.98	196.52	1.45	ppb
Selenium	82-1	202.17	198.67	209.83	203.55	2.80	ppb
Silicon	28-1	-9.09	-10.11	-3.29	-7.50		ppb
Silver	109-1	92.98	92.90	97.22	94.36	2.62	ppb
Silver	107-1	93.53	92.11	96.95	94.20	2.64	ppb
Sodium	23-2	1986.31	2019.45	1974.16	1993.30	1.18	ppb
Strontium	86-1	475.63	466.80	495.19	479.20	3.03	ppb
Strontium	88-1	477.62	464.08	497.51	479.74	3.50	ppb
Sulfur	34-1	-1057.78	-1665.54	-735.23	-1152.85		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	199.30	195.28	209.21	201.26	3.56	ppb
Thallium	205-1	204.73	199.33	214.15	206.07	3.64	ppb
Tin	118-1	493.91	482.89	493.73	490.18	1.29	ppb
Titanium	47-1	464.93	457.23	490.81	470.99	3.73	ppb
Uranium	238-1	462.14	446.84	477.41	462.13	3.31	ppb
Vanadium	51-2	95.76	98.21	92.33	95.43	3.10	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	198.29	200.09	191.89	196.76	2.19	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:16:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	473.66	466.30	493.42	477.79	2.94	ppb
Zirconium	91-1	460.58	453.05	485.10	466.24	3.59	ppb

LB Number : LB97185 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-08 13:24:42 DataFile Name : 013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.17	20.89	22.00	18.68	25.74	ppb
Antimony	121-1	2.18	2.13	2.01	2.11	4.12	ppb
Arsenic	75-2	0.93	0.99	0.86	0.93	7.18	ppb
Barium	135-1	10.05	9.57	9.88	9.83	2.48	ppb
Barium	137-1	9.66	9.49	9.82	9.66	1.75	ppb
Beryllium	9-1	1.14	1.22	0.99	1.11	10.67	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	36.05	32.22	34.41	34.23	5.61	ppb
Boron	11-1	33.44	34.32	35.41	34.39	2.87	ppb
Cadmium	111-1	1.09	0.91	1.04	1.01	9.36	ppb
Cadmium	106-1	2.03	0.59	-0.31	0.77	152.86	ppb
Cadmium	108-1	0.98	1.70	1.01	1.23	33.24	ppb
Calcium	43-1	464.35	440.01	479.75	461.37	4.34	ppb
Calcium	44-1	458.99	449.10	463.74	457.27	1.63	ppb
Chromium	52-2	2.08	2.08	2.06	2.07	0.44	ppb
Cobalt	59-2	1.02	0.93	0.91	0.95	6.25	ppb
Copper	63-2	2.07	2.04	2.01	2.04	1.62	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				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	50.62	50.94	49.68	50.41	1.29	ppb
Iron	57-2	51.62	52.35	55.60	53.19	3.99	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.94	1.01	0.97	3.70	ppb
Lead	207-1	0.98	0.95	0.98	0.97	1.72	ppb
Lead	208-1	0.98	0.94	1.00	0.97	2.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	468.78	484.96	492.88	482.21	2.55	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:24:42	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.57	0.71	0.66	0.65	10.85	ppb
Molybdenum	94-1	5.97	5.74	6.19	5.97	3.72	ppb
Molybdenum	95-1	4.97	4.77	5.12	4.96	3.58	ppb
Molybdenum	96-1	5.10	4.81	5.20	5.04	4.08	ppb
Molybdenum	97-1	4.98	4.93	4.98	4.97	0.57	ppb
Molybdenum	98-1	5.16	4.62	5.17	4.98	6.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.99	0.88	0.91	8.38	ppb
Phosphorus	31-2	27.31	26.61	-13.83	13.37	176.23	ppb
Potassium	39-2	493.70	484.71	509.52	495.98	2.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	5.19	0.00	5.21	3.47	86.60	ppb
Selenium	78-2	5.81	4.93	8.47	6.40	28.79	ppb
Selenium	82-1	4.98	5.57	5.36	5.30	5.66	ppb
Silicon	28-1	3.90	3.45	4.61	3.99	14.63	ppb
Silver	109-1	1.02	1.02	1.05	1.03	1.79	ppb
Silver	107-1	1.10	1.03	1.01	1.05	4.75	ppb
Sodium	23-2	541.77	540.37	527.42	536.52	1.48	ppb
Strontium	86-1	0.97	1.08	1.05	1.04	5.39	ppb
Strontium	88-1	0.99	0.99	1.03	1.00	2.20	ppb
Sulfur	34-1	-804.44	-1261.22	-660.23	-908.63		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.09	1.09	1.04	1.08	2.83	ppb
Thallium	205-1	1.01	0.97	1.04	1.01	3.39	ppb
Tin	118-1	5.01	4.92	5.09	5.00	1.72	ppb
Titanium	47-1	5.34	4.22	4.78	4.78	11.75	ppb
Uranium	238-1	0.98	0.93	0.95	0.95	2.76	ppb
Vanadium	51-2	4.82	4.74	4.60	4.72	2.32	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1.80	1.33	0.94	1.36	31.55	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:24:42	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.66	1.59	1.62	1.63	2.37	ppb
Zirconium	91-1	1.55	1.58	1.51	1.54	2.34	ppb

LB Number : LB97185 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-08 13:28:02 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.63	-0.29	-2.30	-1.07		ppb
Antimony	121-1	0.10	0.12	0.12	0.11	8.69	ppb
Arsenic	75-2	-0.01	0.01	0.03	0.01	285.23	ppb
Barium	135-1	0.01	0.01	-0.02	0.00		ppb
Barium	137-1	0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.07	0.09	0.08	0.08	10.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	10.36	9.54	7.46	9.12	16.44	ppb
Boron	11-1	10.11	9.37	9.00	9.49	5.94	ppb
Cadmium	111-1	0.03	-0.08	-0.06	-0.03		ppb
Cadmium	106-1	0.36	-0.97	-0.71	-0.44		ppb
Cadmium	108-1	0.07	-0.04	0.10	0.04	164.99	ppb
Calcium	43-1	-1.46	-1.77	-3.66	-2.30		ppb
Calcium	44-1	-2.51	-4.13	-9.90	-5.51		ppb
Chromium	52-2	0.02	-0.07	-0.02	-0.02		ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.00	-0.03	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	0.12	-0.16	-0.14	-0.06		ppb
Iron	57-2	-0.35	-0.44	-1.26	-0.69		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	13.25	ppb
Lead	207-1	0.02	0.04	0.04	0.03	35.52	ppb
Lead	208-1	0.03	0.03	0.03	0.03	4.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.28	0.99	-1.21	0.35	386.01	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:28:02	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.39	-0.40	-0.39	-0.39		ppb
Molybdenum	94-1	0.20	0.20	0.18	0.19	6.03	ppb
Molybdenum	95-1	0.11	0.09	0.07	0.09	25.50	ppb
Molybdenum	96-1	0.09	0.09	0.06	0.08	26.45	ppb
Molybdenum	97-1	0.13	0.10	0.14	0.12	17.45	ppb
Molybdenum	98-1	0.10	0.11	0.10	0.10	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.08	-0.14	-0.06		ppb
Phosphorus	31-2	-13.83	6.52	-13.83	-7.05		ppb
Potassium	39-2	24.55	-3.29	17.82	13.03	111.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	-0.28	-1.17	-0.57		ppb
Selenium	82-1	1.12	1.39	0.46	0.99	48.11	ppb
Silicon	28-1	-5.50	-9.21	-13.32	-9.34		ppb
Silver	109-1	0.00	0.01	0.00	0.00	50.83	ppb
Silver	107-1	0.00	0.00	0.01	0.00	200.90	ppb
Sodium	23-2	42.85	37.09	36.36	38.77	9.17	ppb
Strontium	86-1	0.03	-0.05	-0.12	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	100.20	ppb
Sulfur	34-1	361.11	-104.11	-879.02	-207.34		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.05	0.03	0.04	23.50	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.52	ppb
Tin	118-1	0.08	0.09	0.06	0.07	19.52	ppb
Titanium	47-1	-0.11	-0.06	-0.15	-0.11		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	164.21	ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	205.79	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	-0.32	-0.32	-0.29	-0.31		ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:28:02	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.11	0.08	0.10	18.28	ppb
Zirconium	91-1	0.08	0.09	0.07	0.08	7.69	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:31:23	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92612.41	89790.01	90926.70	91109.71	1.56	ppb
Antimony	121-1	1.16	1.10	1.15	1.14	2.76	ppb
Arsenic	75-2	0.27	0.31	0.35	0.31	13.53	ppb
Barium	135-1	1.51	1.24	1.32	1.36	10.37	ppb
Barium	137-1	1.42	1.49	1.51	1.47	3.31	ppb
Beryllium	9-1	0.32	0.27	0.30	0.30	9.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	10.02	9.87	10.16	10.02	1.45	ppb
Boron	11-1	10.36	10.13	10.68	10.39	2.66	ppb
Cadmium	111-1	0.24	0.29	0.37	0.30	22.57	ppb
Cadmium	106-1	-0.75	-1.75	-0.47	-0.99		ppb
Cadmium	108-1	8.28	8.91	7.74	8.31	7.00	ppb
Calcium	43-1	92500.18	94726.70	98699.52	95308.80	3.29	ppb
Calcium	44-1	92620.17	94179.50	96774.52	94524.73	2.22	ppb
Chromium	52-2	20.26	19.45	19.72	19.81	2.06	ppb
Cobalt	59-2	1.13	1.14	1.20	1.16	3.19	ppb
Copper	63-2	7.69	7.57	7.54	7.60	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	102856.93	98774.24	100526.00	100719.06	2.03	ppb
Iron	57-2	100580.97	97602.37	99114.89	99099.41	1.50	ppb
Krypton	83-1						cps
Lead	206-1	4.64	4.79	4.85	4.76	2.17	ppb
Lead	207-1	4.00	4.12	4.24	4.12	2.97	ppb
Lead	208-1	4.30	4.39	4.44	4.38	1.64	ppb
Lithium	6-1				99		%
Magnesium	24-2	98750.71	96861.50	98447.13	98019.78	1.04	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:31:23	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.22	7.11	6.59	7.31	11.35	ppb
Molybdenum	94-1	1341.83	1357.77	1388.56	1362.72	1.74	ppb
Molybdenum	95-1	1916.89	1902.72	1956.33	1925.31	1.44	ppb
Molybdenum	96-1	1825.41	1849.40	1896.24	1857.02	1.94	ppb
Molybdenum	97-1	1924.00	1937.81	2000.53	1954.11	2.09	ppb
Molybdenum	98-1	1892.96	1921.98	1971.66	1928.87	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.20	5.16	5.36	5.24	2.00	ppb
Phosphorus	31-2	101972.42	99973.46	100190.27	100712.05	1.09	ppb
Potassium	39-2	100009.66	97822.93	99172.42	99001.67	1.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.51	-1.17	-0.27	0.03	4910.11	ppb
Selenium	82-1	0.06	0.48	0.76	0.43	81.20	ppb
Silicon	28-1	24.10	25.40	30.60	26.70	12.88	ppb
Silver	109-1	0.04	0.07	0.07	0.06	26.86	ppb
Silver	107-1	0.04	0.05	0.08	0.06	30.99	ppb
Sodium	23-2	101142.09	97495.41	99593.61	99410.37	1.84	ppb
Strontium	86-1	33.10	34.02	34.09	33.74	1.64	ppb
Strontium	88-1	33.45	34.28	34.62	34.12	1.76	ppb
Sulfur	34-1	79066.79	80110.61	82556.90	80578.10	2.22	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.13	0.14	0.11	31.72	ppb
Thallium	205-1	0.10	0.10	0.12	0.10	11.88	ppb
Tin	118-1	0.08	0.10	0.05	0.08	35.62	ppb
Titanium	47-1	1945.56	1982.97	2055.84	1994.79	2.81	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	27.87	ppb
Vanadium	51-2	0.13	0.21	0.20	0.18	23.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	10.24	10.45	9.92	10.21	2.63	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:31:23	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.01	0.82	0.68	0.84	19.70	ppb
Zirconium	91-1	1.00	0.87	0.72	0.86	16.27	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:34:40	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90177.62	87894.84	91842.34	89971.60	2.20	ppb
Antimony	121-1	20.87	20.41	20.65	20.64	1.11	ppb
Arsenic	75-2	19.94	20.03	20.11	20.02	0.43	ppb
Barium	135-1	21.41	21.77	21.56	21.58	0.84	ppb
Barium	137-1	22.31	21.43	21.26	21.67	2.61	ppb
Beryllium	9-1	20.96	20.46	21.12	20.85	1.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	65.80	63.88	64.98	64.88	1.48	ppb
Boron	11-1	65.54	66.12	67.44	66.37	1.47	ppb
Cadmium	111-1	20.07	19.60	19.89	19.85	1.21	ppb
Cadmium	106-1	23.58	23.29	24.97	23.95	3.75	ppb
Cadmium	108-1	30.94	31.65	30.28	30.96	2.22	ppb
Calcium	43-1	95866.82	92674.25	95611.61	94717.56	1.87	ppb
Calcium	44-1	94579.67	92231.61	95128.86	93980.05	1.64	ppb
Chromium	52-2	38.95	38.06	40.20	39.07	2.76	ppb
Cobalt	59-2	21.07	20.34	21.29	20.90	2.39	ppb
Copper	63-2	27.71	26.70	28.31	27.57	2.96	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				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	99398.50	97724.10	101345.80	99489.47	1.82	ppb
Iron	57-2	98496.78	95680.63	100144.06	98107.16	2.30	ppb
Krypton	83-1						cps
Lead	206-1	24.64	24.77	24.77	24.72	0.31	ppb
Lead	207-1	22.75	22.22	22.81	22.59	1.43	ppb
Lead	208-1	23.56	23.14	23.65	23.45	1.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	97380.25	95071.87	99526.89	97326.33	2.29	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:34:40	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.24	25.42	26.34	26.00	1.94	ppb
Molybdenum	94-1	1471.95	1430.64	1478.65	1460.41	1.78	ppb
Molybdenum	95-1	1962.48	1928.90	2018.16	1969.85	2.29	ppb
Molybdenum	96-1	1921.69	1879.79	1966.19	1922.56	2.25	ppb
Molybdenum	97-1	1998.02	1974.97	2051.27	2008.09	1.95	ppb
Molybdenum	98-1	1988.47	1932.00	2010.29	1976.92	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.66	24.53	24.88	24.69	0.71	ppb
Phosphorus	31-2	97329.48	100124.67	101955.11	99803.09	2.33	ppb
Potassium	39-2	98527.79	94593.84	98863.77	97328.46	2.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	77-2	10.71	42.75	16.26	23.24	73.68	ppb
Selenium	78-2	17.72	23.07	26.15	22.31	19.13	ppb
Selenium	82-1	19.64	18.66	20.91	19.74	5.73	ppb
Silicon	28-1	84.62	84.26	86.35	85.08	1.31	ppb
Silver	109-1	19.16	19.17	19.37	19.23	0.60	ppb
Silver	107-1	19.34	18.47	18.84	18.88	2.32	ppb
Sodium	23-2	97436.48	95643.14	98944.04	97341.22	1.70	ppb
Strontium	86-1	84.70	83.69	86.17	84.85	1.47	ppb
Strontium	88-1	89.14	85.51	88.86	87.84	2.30	ppb
Sulfur	34-1	80389.34	78124.97	79695.74	79403.35	1.46	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	20.41	19.69	20.29	20.13	1.92	ppb
Thallium	205-1	20.35	19.96	20.50	20.27	1.36	ppb
Tin	118-1	52.41	51.52	51.66	51.86	0.92	ppb
Titanium	47-1	2094.18	2014.62	2080.00	2062.93	2.06	ppb
Uranium	238-1	52.37	51.18	52.68	52.07	1.52	ppb
Vanadium	51-2	19.92	18.84	20.44	19.74	4.14	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	31.16	30.33	32.28	31.26	3.13	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:34:40	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	51.72	50.49	52.93	51.71	2.35	ppb
Zirconium	91-1	51.38	50.18	52.09	51.22	1.89	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:37:55	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49364.86	50762.88	54994.41	51707.38	5.67	ppb
Antimony	121-1	508.17	497.34	507.27	504.26	1.19	ppb
Arsenic	75-2	489.49	506.90	548.06	514.82	5.84	ppb
Barium	135-1	2595.15	2532.76	2576.15	2568.02	1.25	ppb
Barium	137-1	2570.18	2491.57	2549.86	2537.21	1.61	ppb
Beryllium	9-1	514.89	501.73	519.96	512.19	1.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	501.42	498.77	535.31	511.83	3.98	ppb
Boron	11-1	501.07	501.85	524.58	509.17	2.62	ppb
Cadmium	111-1	493.02	485.08	490.24	489.45	0.82	ppb
Cadmium	106-1	494.20	486.91	503.99	495.04	1.73	ppb
Cadmium	108-1	501.56	499.41	499.60	500.19	0.24	ppb
Calcium	43-1	240338.23	235617.19	246613.38	240856.27	2.29	ppb
Calcium	44-1	241120.46	235566.35	244318.46	240335.09	1.84	ppb
Chromium	52-2	502.83	515.93	561.13	526.63	5.81	ppb
Cobalt	59-2	483.67	494.62	535.86	504.72	5.45	ppb
Copper	63-2	929.64	965.64	1037.50	977.59	5.62	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				105		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	122785.47	125821.79	136729.57	128445.61	5.71	ppb
Iron	57-2	123188.60	126297.19	137120.03	128868.61	5.67	ppb
Krypton	83-1						cps
Lead	206-1	521.24	502.28	512.26	511.93	1.85	ppb
Lead	207-1	527.90	506.71	511.20	515.27	2.17	ppb
Lead	208-1	521.44	502.82	511.06	511.77	1.82	ppb
Lithium	6-1				97		%
Magnesium	24-2	242959.25	250247.23	267742.42	253649.63	5.02	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:37:55	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	974.43	985.15	1069.72	1009.77	5.17	ppb
Molybdenum	94-1	2558.53	2469.64	2549.58	2525.92	1.94	ppb
Molybdenum	95-1	2551.62	2449.44	2532.43	2511.17	2.16	ppb
Molybdenum	96-1	2546.67	2450.89	2534.42	2510.66	2.08	ppb
Molybdenum	97-1	2561.96	2482.33	2522.64	2522.31	1.58	ppb
Molybdenum	98-1	2559.53	2447.12	2535.58	2514.07	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.10	503.21	545.01	511.77	5.84	ppb
Phosphorus	31-2	11164.08	10017.75	11539.78	10907.20	7.27	ppb
Potassium	39-2	122085.20	125551.76	135322.60	127653.19	5.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	495.08	412.07	626.79	511.32	21.18	ppb
Selenium	78-2	475.75	508.93	538.98	507.89	6.23	ppb
Selenium	82-1	496.62	486.95	497.80	493.79	1.21	ppb
Silicon	28-1	544.04	536.72	559.83	546.87	2.16	ppb
Silver	109-1	507.51	488.14	503.03	499.56	2.03	ppb
Silver	107-1	502.37	490.20	502.30	498.29	1.41	ppb
Sodium	23-2	241448.25	247795.21	268585.77	252609.75	5.62	ppb
Strontium	86-1	509.14	494.34	513.43	505.64	1.98	ppb
Strontium	88-1	515.46	497.91	513.15	508.84	1.87	ppb
Sulfur	34-1	9252.68	8742.65	9326.40	9107.24	3.49	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	517.36	500.85	518.33	512.18	1.92	ppb
Thallium	205-1	514.43	496.93	509.79	507.05	1.79	ppb
Tin	118-1	514.00	500.20	516.88	510.36	1.75	ppb
Titanium	47-1	2537.05	2516.33	2558.04	2537.14	0.82	ppb
Uranium	238-1	519.74	502.01	516.09	512.61	1.83	ppb
Vanadium	51-2	488.94	507.62	547.42	514.66	5.80	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	996.71	1016.50	1112.01	1041.74	5.92	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:37:55	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.73	492.30	517.89	506.31	2.56	ppb
Zirconium	91-1	499.89	485.13	505.99	497.00	2.16	ppb

LB Number : LB97185 Operator : Jaswal
 Lab Sample ID : CCB75 Instrumnet Name : P8
 Client Sample ID : CCB75 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-08 13:44:53 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.89	1.88	-0.65	-0.22		ppb
Antimony	121-1	0.35	0.37	0.38	0.37	4.50	ppb
Arsenic	75-2	0.01	0.09	0.05	0.05	86.77	ppb
Barium	135-1	-0.01	0.03	-0.01	0.00	637.58	ppb
Barium	137-1	0.01	-0.01	0.01	0.00	189.17	ppb
Beryllium	9-1	0.09	0.12	0.10	0.10	15.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	7.62	8.46	8.68	8.25	6.73	ppb
Boron	11-1	8.77	8.66	8.26	8.56	3.12	ppb
Cadmium	111-1	-0.11	-0.11	-0.04	-0.09		ppb
Cadmium	106-1	-1.65	-1.54	-0.68	-1.29		ppb
Cadmium	108-1	-0.08	0.03	0.03	-0.01		ppb
Calcium	43-1	7.31	-3.73	0.47	1.35	413.23	ppb
Calcium	44-1	0.41	-5.11	-5.28	-3.33		ppb
Chromium	52-2	-0.02	-0.04	0.01	-0.02		ppb
Cobalt	59-2	-0.04	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.01	0.06	-0.02	0.02	208.24	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	1.72	1.39	1.60	1.57	10.62	ppb
Iron	57-2	4.26	0.10	0.47	1.61	142.56	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.05	0.05	24.98	ppb
Lead	207-1	0.07	0.06	0.05	0.06	17.59	ppb
Lead	208-1	0.06	0.06	0.06	0.06	4.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.65	4.27	1.75	2.56	58.02	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:44:53	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.54	-0.54	-0.48	-0.52		ppb
Molybdenum	94-1	0.46	0.38	0.42	0.42	8.92	ppb
Molybdenum	95-1	0.49	0.40	0.42	0.44	10.14	ppb
Molybdenum	96-1	0.39	0.45	0.41	0.42	7.57	ppb
Molybdenum	97-1	0.36	0.42	0.41	0.40	8.71	ppb
Molybdenum	98-1	0.41	0.43	0.39	0.41	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.08	-0.22	-0.15		ppb
Phosphorus	31-2	6.67	-13.83	-13.83	-7.00		ppb
Potassium	39-2	5.50	12.61	21.61	13.24	60.98	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	5.24	5.29	0.00	3.51	86.61	ppb
Selenium	78-2	-0.28	-1.17	-1.17	-0.87		ppb
Selenium	82-1	0.96	1.05	0.20	0.74	63.62	ppb
Silicon	28-1	-13.65	-14.48	-14.30	-14.14		ppb
Silver	109-1	0.02	0.03	0.01	0.02	49.92	ppb
Silver	107-1	0.01	0.01	0.02	0.01	41.30	ppb
Sodium	23-2	65.45	57.78	64.64	62.63	6.73	ppb
Strontium	86-1	-0.02	-0.05	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-1418.60	-1542.03	-1398.67	-1453.10		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.08	0.08	0.08	8.13	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	11.83	ppb
Tin	118-1	0.04	0.08	0.06	0.06	29.30	ppb
Titanium	47-1	-0.05	-0.01	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.93	ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	127.70	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	-0.10	-0.46	-0.20		ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:44:53	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.09	0.11	0.09	14.51	ppb
Zirconium	91-1	0.11	0.11	0.10	0.11	3.85	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:48:14	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.32	18.92	17.39	18.88	7.75	ppb
Antimony	121-1	2.08	2.24	2.05	2.12	4.71	ppb
Arsenic	75-2	1.12	1.09	0.95	1.05	8.90	ppb
Barium	135-1	10.15	10.29	9.94	10.13	1.73	ppb
Barium	137-1	10.18	10.51	10.03	10.24	2.40	ppb
Beryllium	9-1	1.10	1.15	1.20	1.15	4.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	28.90	29.20	31.91	30.00	5.52	ppb
Boron	11-1	28.67	29.85	30.23	29.58	2.75	ppb
Cadmium	111-1	0.98	0.95	1.05	0.99	5.27	ppb
Cadmium	106-1	1.50	0.31	0.52	0.78	81.78	ppb
Cadmium	108-1	1.03	1.15	0.98	1.06	8.34	ppb
Calcium	43-1	495.24	466.18	490.38	483.93	3.22	ppb
Calcium	44-1	485.40	477.70	470.56	477.89	1.55	ppb
Chromium	52-2	2.09	1.93	2.05	2.02	3.92	ppb
Cobalt	59-2	1.03	0.97	0.93	0.98	5.07	ppb
Copper	63-2	1.86	2.05	2.00	1.97	5.00	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				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	52.73	51.47	50.82	51.67	1.88	ppb
Iron	57-2	49.65	59.03	49.88	52.85	10.12	ppb
Krypton	83-1						cps
Lead	206-1	1.08	1.01	1.03	1.04	3.49	ppb
Lead	207-1	1.05	1.06	1.04	1.05	0.54	ppb
Lead	208-1	1.07	1.03	1.05	1.05	1.81	ppb
Lithium	6-1				98		%
Magnesium	24-2	500.30	495.66	481.63	492.53	1.97	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:48:14	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.41	0.61	0.54	0.52	19.29	ppb
Molybdenum	94-1	5.55	5.96	5.42	5.64	4.90	ppb
Molybdenum	95-1	5.01	5.09	5.04	5.05	0.81	ppb
Molybdenum	96-1	5.09	5.45	5.38	5.31	3.57	ppb
Molybdenum	97-1	5.19	5.33	4.95	5.16	3.76	ppb
Molybdenum	98-1	5.30	5.23	5.06	5.20	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.97	0.63	0.80	21.66	ppb
Phosphorus	31-2	7.29	-13.83	-13.83	-6.79		ppb
Potassium	39-2	523.97	451.80	476.33	484.03	7.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	0.00	10.59	5.26	5.28	100.20	ppb
Selenium	78-2	6.01	5.06	7.69	6.25	21.30	ppb
Selenium	82-1	4.65	5.14	4.80	4.86	5.17	ppb
Silicon	28-1	6.55	3.98	6.03	5.52	24.59	ppb
Silver	109-1	1.09	1.13	1.10	1.11	1.80	ppb
Silver	107-1	1.08	1.18	1.05	1.10	6.26	ppb
Sodium	23-2	580.54	557.33	562.45	566.77	2.15	ppb
Strontium	86-1	0.99	1.02	1.04	1.02	2.84	ppb
Strontium	88-1	1.01	1.05	1.01	1.03	2.29	ppb
Sulfur	34-1	-869.51	-950.83	-877.42	-899.25		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1.04	1.08	1.07	1.07	1.97	ppb
Thallium	205-1	1.05	1.07	1.03	1.05	2.14	ppb
Tin	118-1	5.62	5.05	4.96	5.21	6.82	ppb
Titanium	47-1	5.31	4.93	5.30	5.18	4.21	ppb
Uranium	238-1	0.97	0.97	0.97	0.97	0.09	ppb
Vanadium	51-2	4.82	4.83	4.77	4.81	0.60	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	1.70	1.30	1.98	1.66	20.46	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:48:14	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.35	1.36	1.24	1.32	5.21	ppb
Zirconium	91-1	1.38	1.32	1.17	1.29	8.51	ppb

LB Number : LB97185 Operator : Jaswal
 Lab Sample ID : PB111885BL Instrumnet Name : P8
 Client Sample ID : PB111885BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-08 13:53:56 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.06	-1.55	-0.62	-1.08		ppb
Antimony	121-1	0.08	0.07	0.09	0.08	12.93	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00		ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	0.01	-0.01	0.00	0.00	926.72	ppb
Beryllium	9-1	0.10	0.05	0.04	0.06	50.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	4.81	4.98	4.33	4.71	7.10	ppb
Boron	11-1	5.29	5.83	5.15	5.42	6.66	ppb
Cadmium	111-1	-0.06	-0.02	-0.07	-0.05		ppb
Cadmium	106-1	-0.86	-0.48	-1.11	-0.82		ppb
Cadmium	108-1	0.03	-0.08	-0.04	-0.03		ppb
Calcium	43-1	1.82	-3.23	1.22	-0.07		ppb
Calcium	44-1	-6.53	-4.95	-9.06	-6.85		ppb
Chromium	52-2	-0.04	-0.15	-0.08	-0.09		ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.02	0.00	-0.05	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	0.05	-0.35	-0.67	-0.32		ppb
Iron	57-2	2.63	1.52	1.40	1.85	36.54	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.01	54.64	ppb
Lead	207-1	0.01	0.02	0.02	0.02	23.79	ppb
Lead	208-1	0.02	0.03	0.02	0.02	17.01	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.63	3.49	2.19	2.77	23.79	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BL	Instrumnet Name :	P8
Client Sample ID :	PB111885BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:53:56	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.62	-0.39	-0.55	-0.52		ppb
Molybdenum	94-1	0.08	0.08	0.08	0.08	4.64	ppb
Molybdenum	95-1	0.11	0.13	0.09	0.11	16.35	ppb
Molybdenum	96-1	0.12	0.11	0.10	0.11	10.41	ppb
Molybdenum	97-1	0.18	0.08	0.13	0.13	37.95	ppb
Molybdenum	98-1	0.13	0.09	0.13	0.12	18.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.14	-0.05	-0.11		ppb
Phosphorus	31-2	6.87	-13.83	-13.83	-6.93		ppb
Potassium	39-2	10.03	-4.18	13.23	6.36	145.69	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	-1.17	-1.17	-0.87		ppb
Selenium	82-1	0.02	0.15	0.37	0.18	97.83	ppb
Silicon	28-1	-12.32	-13.86	-15.99	-14.06		ppb
Silver	109-1	0.00	0.01	0.01	0.01	128.16	ppb
Silver	107-1	0.00	0.00	0.00	0.00	423.33	ppb
Sodium	23-2	51.20	44.62	48.56	48.13	6.88	ppb
Strontium	86-1	-0.03	-0.02	-0.05	-0.03		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-891.46	-1042.90	-1521.24	-1151.87		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.05	0.05	0.05	14.63	ppb
Thallium	205-1	0.05	0.03	0.05	0.05	21.48	ppb
Tin	118-1	-0.08	-0.07	-0.09	-0.08		ppb
Titanium	47-1	-0.07	-0.07	-0.13	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	543.39	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	-0.75	-0.71	-0.64	-0.70		ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BL	Instrumnet Name :	P8
Client Sample ID :	PB111885BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:53:56	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.01	0.02	47.09	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	15.24	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BS	Instrumnet Name :	P8
Client Sample ID :	PB111885BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:57:17	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9676.06	10948.66	9752.58	10125.77	7.05	ppb
Antimony	121-1	511.12	510.61	506.86	509.53	0.46	ppb
Arsenic	75-2	500.51	546.97	506.18	517.89	4.89	ppb
Barium	135-1	2579.33	2584.45	2534.87	2566.22	1.06	ppb
Barium	137-1	2528.95	2546.85	2513.50	2529.77	0.66	ppb
Beryllium	9-1	506.78	514.21	506.82	509.27	0.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	475.68	494.43	503.89	491.33	2.92	ppb
Boron	11-1	473.98	500.35	502.13	492.15	3.20	ppb
Cadmium	111-1	506.06	507.84	497.52	503.80	1.10	ppb
Cadmium	106-1	508.01	517.51	498.33	507.95	1.89	ppb
Cadmium	108-1	506.97	515.31	501.77	508.02	1.34	ppb
Calcium	43-1	47887.99	49929.25	48034.96	48617.40	2.34	ppb
Calcium	44-1	48617.94	50410.64	47848.46	48959.01	2.69	ppb
Chromium	52-2	495.16	552.17	497.52	514.95	6.26	ppb
Cobalt	59-2	492.73	548.75	491.07	510.85	6.43	ppb
Copper	63-2	986.52	1097.06	983.76	1022.45	6.32	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				106		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	25335.29	27897.07	25249.32	26160.56	5.75	ppb
Iron	57-2	24904.04	27520.14	24586.57	25670.25	6.27	ppb
Krypton	83-1						cps
Lead	206-1	509.84	522.96	492.74	508.52	2.98	ppb
Lead	207-1	509.68	520.63	493.58	507.96	2.68	ppb
Lead	208-1	509.89	517.91	490.95	506.25	2.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	51852.24	57006.06	51382.58	53413.63	5.84	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BS	Instrumnet Name :	P8
Client Sample ID :	PB111885BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:57:17	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	995.83	1109.36	992.08	1032.43	6.46	ppb
Molybdenum	94-1	2512.39	2541.21	2496.57	2516.72	0.90	ppb
Molybdenum	95-1	2510.02	2520.08	2471.29	2500.46	1.03	ppb
Molybdenum	96-1	2528.78	2535.27	2480.19	2514.75	1.20	ppb
Molybdenum	97-1	2528.32	2531.26	2500.80	2520.12	0.67	ppb
Molybdenum	98-1	2523.26	2515.25	2501.92	2513.48	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.17	551.67	494.46	515.43	6.11	ppb
Phosphorus	31-2	10516.94	11099.56	10966.47	10860.99	2.81	ppb
Potassium	39-2	24346.60	27314.72	24638.91	25433.41	6.43	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	77-2	458.51	550.50	491.46	500.15	9.32	ppb
Selenium	78-2	536.25	566.93	527.95	543.71	3.78	ppb
Selenium	82-1	505.20	511.36	497.02	504.53	1.43	ppb
Silicon	28-1	498.58	527.44	514.05	513.36	2.81	ppb
Silver	109-1	519.64	520.41	511.45	517.17	0.96	ppb
Silver	107-1	515.83	522.11	511.43	516.46	1.04	ppb
Sodium	23-2	51376.56	55801.99	50257.23	52478.59	5.59	ppb
Strontium	86-1	500.24	503.77	489.93	497.98	1.44	ppb
Strontium	88-1	508.00	511.53	496.39	505.31	1.57	ppb
Sulfur	34-1	9414.03	10178.75	9276.65	9623.14	5.05	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	510.00	517.62	497.95	508.52	1.95	ppb
Thallium	205-1	509.33	509.79	492.63	503.91	1.94	ppb
Tin	118-1	507.71	514.11	498.90	506.91	1.51	ppb
Titanium	47-1	2549.57	2605.36	2507.48	2554.14	1.92	ppb
Uranium	238-1	493.36	508.19	477.42	492.99	3.12	ppb
Vanadium	51-2	490.82	548.55	493.91	511.09	6.35	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	980.79	1089.95	985.67	1018.80	6.05	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BS	Instrumnet Name :	P8
Client Sample ID :	PB111885BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:57:17	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.74	515.75	495.66	506.38	2.00	ppb
Zirconium	91-1	494.66	500.25	484.89	493.27	1.58	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:00:29	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	135.44	139.01	129.13	134.53	3.72	ppb
Antimony	121-1	3.18	2.98	2.93	3.03	4.42	ppb
Arsenic	75-2	12.85	11.78	13.16	12.59	5.75	ppb
Barium	135-1	258.70	259.23	256.66	258.20	0.53	ppb
Barium	137-1	258.45	258.93	258.89	258.76	0.10	ppb
Beryllium	9-1	0.19	0.19	0.10	0.16	34.01	ppb
Bismuth	209-1				103		%
Bismuth	209-2				88		%
Boron	10-1	217.17	202.02	196.69	205.29	5.18	ppb
Boron	11-1	213.77	205.62	197.46	205.62	3.97	ppb
Cadmium	111-1	0.13	0.16	0.07	0.12	39.61	ppb
Cadmium	106-1	-1.94	-0.19	-1.25	-1.13		ppb
Cadmium	108-1	0.30	0.36	0.40	0.35	14.17	ppb
Calcium	43-1	119387.41	118755.92	120276.90	119473.41	0.64	ppb
Calcium	44-1	117605.30	117396.07	118726.23	117909.20	0.61	ppb
Chromium	52-2	112.15	112.67	114.01	112.95	0.85	ppb
Cobalt	59-2	2.57	2.37	2.35	2.43	5.02	ppb
Copper	63-2	7.15	7.26	7.77	7.39	4.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				90		%
Indium	115-1				96		%
Indium	115-2				82		%
Iron	56-2	2014.03	2010.09	2006.98	2010.37	0.18	ppb
Iron	57-2	2042.39	2022.88	2014.32	2026.53	0.71	ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.77	0.65	0.74	9.68	ppb
Lead	207-1	0.80	0.72	0.62	0.71	12.70	ppb
Lead	208-1	0.81	0.72	0.62	0.72	13.41	ppb
Lithium	6-1				128		%
Magnesium	24-2	18000.27	18083.54	17717.44	17933.75	1.07	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:00:29	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	710.10	712.32	712.52	711.65	0.19	ppb
Molybdenum	94-1	27.22	27.75	27.05	27.34	1.34	ppb
Molybdenum	95-1	36.99	36.67	37.77	37.14	1.52	ppb
Molybdenum	96-1	35.85	36.18	35.32	35.78	1.21	ppb
Molybdenum	97-1	37.10	37.64	37.55	37.43	0.77	ppb
Molybdenum	98-1	36.99	37.09	36.76	36.95	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.15	33.51	33.08	33.24	0.69	ppb
Phosphorus	31-2	225.59	13.04	175.42	138.02	80.50	ppb
Potassium	39-2	2156.37	2035.55	2162.18	2118.03	3.38	ppb
Rhodium	103-1				93		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				76		%
Selenium	77-2	12.82	0.00	0.00	4.27	173.21	ppb
Selenium	78-2	0.99	2.07	-0.10	0.98	109.98	ppb
Selenium	82-1	0.95	0.93	0.70	0.86	16.23	ppb
Silicon	28-1	10413.92	10299.36	10280.54	10331.27	0.70	ppb
Silver	109-1	1.66	1.37	1.31	1.45	13.05	ppb
Silver	107-1	1.60	1.41	1.28	1.43	11.23	ppb
Sodium	23-2	41099.60	40549.57	39919.01	40522.73	1.46	ppb
Strontium	86-1	737.91	751.60	736.19	741.90	1.14	ppb
Strontium	88-1	742.44	758.34	747.09	749.29	1.09	ppb
Sulfur	34-1	15062.50	14377.31	14583.79	14674.53	2.40	ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	1.21	0.84	0.60	0.89	34.57	ppb
Thallium	205-1	1.21	0.92	0.64	0.93	30.98	ppb
Tin	118-1	5.14	4.96	4.88	4.99	2.66	ppb
Titanium	47-1	2.18	2.44	2.40	2.34	5.97	ppb
Uranium	238-1	0.85	0.87	0.83	0.85	2.28	ppb
Vanadium	51-2	1.88	2.20	1.88	1.99	9.19	ppb
Yttrium	89-1				96		%
Yttrium	89-2				82		%
Zinc	66-2	29.67	28.37	28.37	28.80	2.60	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:00:29	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.81	0.75	0.68	0.75	9.04	ppb
Zirconium	91-1	0.86	0.66	0.67	0.73	15.77	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:03:49	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.89	39.30	42.62	42.60	7.74	ppb
Antimony	121-1	1.87	1.91	2.04	1.94	4.69	ppb
Arsenic	75-2	7.41	6.96	7.30	7.22	3.22	ppb
Barium	135-1	258.71	254.12	253.80	255.54	1.07	ppb
Barium	137-1	260.04	253.64	256.09	256.59	1.26	ppb
Beryllium	9-1	0.10	0.09	0.08	0.09	7.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				85		%
Boron	10-1	165.22	165.61	160.16	163.66	1.86	ppb
Boron	11-1	164.28	162.28	162.41	162.99	0.69	ppb
Cadmium	111-1	-0.11	-0.03	-0.06	-0.07		ppb
Cadmium	106-1	-2.40	-1.96	-2.11	-2.16		ppb
Cadmium	108-1	0.22	0.03	0.32	0.19	76.51	ppb
Calcium	43-1	120318.32	120035.50	119897.00	120083.61	0.18	ppb
Calcium	44-1	118017.08	118161.94	117516.32	117898.45	0.29	ppb
Chromium	52-2	39.05	39.05	36.62	38.24	3.66	ppb
Cobalt	59-2	1.93	1.89	1.98	1.93	2.26	ppb
Copper	63-2	7.38	7.99	8.15	7.84	5.19	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				103		%
Holmium	165-2				88		%
Indium	115-1				97		%
Indium	115-2				79		%
Iron	56-2	1082.94	1091.55	1079.65	1084.71	0.57	ppb
Iron	57-2	1116.99	1091.15	1034.58	1080.90	3.90	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.37	0.29	0.34	12.65	ppb
Lead	207-1	0.33	0.33	0.34	0.34	2.14	ppb
Lead	208-1	0.35	0.35	0.33	0.34	2.77	ppb
Lithium	6-1				149		%
Magnesium	24-2	18135.09	18052.26	17628.01	17938.45	1.52	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:03:49	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	717.78	716.10	705.33	713.07	0.95	ppb
Molybdenum	94-1	26.05	25.54	25.21	25.60	1.65	ppb
Molybdenum	95-1	35.72	35.57	35.95	35.75	0.54	ppb
Molybdenum	96-1	34.78	34.67	35.07	34.84	0.58	ppb
Molybdenum	97-1	36.15	36.51	35.34	36.00	1.67	ppb
Molybdenum	98-1	36.09	35.27	35.77	35.71	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.91	15.35	14.17	14.81	4.01	ppb
Phosphorus	31-2	-13.83	43.12	14.25	14.51	196.20	ppb
Potassium	39-2	2037.24	2057.83	1977.04	2024.04	2.07	ppb
Rhodium	103-1				93		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				72		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.22	-0.03	-0.04	0.71	182.45	ppb
Selenium	82-1	1.06	1.43	0.94	1.15	22.36	ppb
Silicon	28-1	10068.46	9968.62	9961.58	9999.55	0.60	ppb
Silver	109-1	0.49	0.47	0.43	0.46	6.01	ppb
Silver	107-1	0.45	0.46	0.43	0.45	3.28	ppb
Sodium	23-2	41025.90	40855.91	40066.66	40649.49	1.26	ppb
Strontium	86-1	747.88	738.48	752.59	746.31	0.96	ppb
Strontium	88-1	757.43	748.34	747.38	751.05	0.74	ppb
Sulfur	34-1	14388.02	13926.67	14053.49	14122.73	1.69	ppb
Terbium	159-1				102		%
Terbium	159-2				89		%
Thallium	203-1	0.10	0.14	0.10	0.11	22.29	ppb
Thallium	205-1	0.14	0.12	0.10	0.12	13.69	ppb
Tin	118-1	3.50	3.67	3.64	3.60	2.57	ppb
Titanium	47-1	1.38	1.27	1.04	1.23	14.35	ppb
Uranium	238-1	0.84	0.84	0.87	0.85	1.99	ppb
Vanadium	51-2	1.13	1.18	1.21	1.17	3.27	ppb
Yttrium	89-1				95		%
Yttrium	89-2				78		%
Zinc	66-2	23.06	24.06	23.43	23.52	2.13	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:03:49	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.38	0.34	0.34	0.35	6.82	ppb
Zirconium	91-1	0.42	0.31	0.35	0.36	15.42	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:12:31	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51056.46	50296.14	48702.20	50018.27	2.40	ppb
Antimony	121-1	504.61	484.74	489.38	492.91	2.11	ppb
Arsenic	75-2	492.55	503.37	481.88	492.60	2.18	ppb
Barium	135-1	2565.18	2490.51	2519.17	2524.95	1.49	ppb
Barium	137-1	2540.85	2474.00	2480.09	2498.31	1.48	ppb
Beryllium	9-1	496.88	486.89	498.39	494.05	1.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	483.09	482.26	501.54	488.97	2.23	ppb
Boron	11-1	482.41	483.06	508.49	491.32	3.03	ppb
Cadmium	111-1	491.91	474.94	481.93	482.93	1.77	ppb
Cadmium	106-1	494.34	480.43	492.21	488.99	1.53	ppb
Cadmium	108-1	500.34	480.57	485.11	488.67	2.12	ppb
Calcium	43-1	249022.65	235881.42	240442.80	241782.29	2.76	ppb
Calcium	44-1	247148.18	236910.86	240609.57	241556.20	2.15	ppb
Chromium	52-2	529.77	526.18	511.03	522.33	1.90	ppb
Cobalt	59-2	515.33	513.13	493.06	507.17	2.42	ppb
Copper	63-2	1013.70	1007.64	966.97	996.10	2.55	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				106		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	56-2	131221.99	130233.53	125644.37	129033.29	2.31	ppb
Iron	57-2	131922.79	131985.29	125219.95	129709.34	3.00	ppb
Krypton	83-1						cps
Lead	206-1	526.24	507.03	511.66	514.98	1.95	ppb
Lead	207-1	535.80	510.54	509.95	518.76	2.84	ppb
Lead	208-1	526.15	507.53	509.00	514.23	2.01	ppb
Lithium	6-1				97		%
Magnesium	24-2	251004.14	248340.55	239268.40	246204.36	2.50	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:12:31	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.81	1013.70	977.90	1005.81	2.48	ppb
Molybdenum	94-1	2564.67	2479.70	2563.42	2535.93	1.92	ppb
Molybdenum	95-1	2553.31	2480.26	2535.52	2523.03	1.51	ppb
Molybdenum	96-1	2561.22	2506.08	2540.68	2535.99	1.10	ppb
Molybdenum	97-1	2574.42	2506.19	2560.53	2547.05	1.42	ppb
Molybdenum	98-1	2577.52	2519.73	2512.21	2536.49	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.29	518.07	504.50	515.28	1.88	ppb
Phosphorus	31-2	10667.13	9219.01	9594.92	9827.02	7.65	ppb
Potassium	39-2	125978.31	123080.06	119828.65	122962.34	2.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	408.60	479.20	552.05	479.95	14.95	ppb
Selenium	78-2	504.12	497.56	484.79	495.49	1.98	ppb
Selenium	82-1	495.94	492.62	491.81	493.46	0.44	ppb
Silicon	28-1	547.45	518.13	540.38	535.32	2.86	ppb
Silver	109-1	501.78	490.47	492.55	494.94	1.22	ppb
Silver	107-1	500.87	486.62	495.76	494.41	1.46	ppb
Sodium	23-2	251276.55	245938.22	240481.55	245898.78	2.20	ppb
Strontium	86-1	503.97	497.25	506.64	502.62	0.96	ppb
Strontium	88-1	510.95	501.09	510.02	507.35	1.07	ppb
Sulfur	34-1	10109.45	8878.81	9217.61	9401.95	6.76	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	520.13	507.61	510.81	512.85	1.27	ppb
Thallium	205-1	515.63	505.01	507.81	509.48	1.08	ppb
Tin	118-1	512.03	491.60	499.72	501.11	2.05	ppb
Titanium	47-1	2638.03	2496.00	2575.49	2569.84	2.77	ppb
Uranium	238-1	534.74	509.94	519.00	521.22	2.41	ppb
Vanadium	51-2	519.03	512.23	493.75	508.33	2.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	1079.25	1062.64	1021.46	1054.45	2.82	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:12:31	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	519.49	505.17	509.64	511.43	1.43	ppb
Zirconium	91-1	501.35	489.88	502.40	497.88	1.40	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:18:58	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.53	0.01	0.48	-0.01		ppb
Antimony	121-1	0.42	0.37	0.36	0.39	8.22	ppb
Arsenic	75-2	-0.01	0.01	0.05	0.02	208.67	ppb
Barium	135-1	0.03	0.00	0.05	0.03	95.28	ppb
Barium	137-1	-0.01	0.01	0.01	0.01	177.57	ppb
Beryllium	9-1	0.15	0.21	0.17	0.18	19.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	13.25	11.21	10.55	11.67	12.05	ppb
Boron	11-1	11.75	12.75	11.46	11.99	5.62	ppb
Cadmium	111-1	-0.09	0.00	-0.07	-0.05		ppb
Cadmium	106-1	-1.55	-0.15	-0.97	-0.89		ppb
Cadmium	108-1	0.00	0.03	0.16	0.06	141.77	ppb
Calcium	43-1	4.87	0.18	-3.34	0.57	720.07	ppb
Calcium	44-1	-3.44	-10.05	-1.02	-4.84		ppb
Chromium	52-2	-0.07	-0.12	0.00	-0.06		ppb
Cobalt	59-2	-0.03	-0.04	0.00	-0.02		ppb
Copper	63-2	0.14	0.11	0.19	0.15	29.97	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				103		%
Indium	115-2				97		%
Iron	56-2	0.19	0.38	0.44	0.34	39.45	ppb
Iron	57-2	1.58	2.22	0.41	1.40	65.18	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	7.38	ppb
Lead	207-1	0.02	0.02	0.02	0.02	1.69	ppb
Lead	208-1	0.03	0.03	0.04	0.04	17.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	-2.53	0.83	2.19	0.17	1473.13	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:18:58	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.15	-0.09	-0.08		ppb
Molybdenum	94-1	0.36	0.35	0.35	0.35	0.97	ppb
Molybdenum	95-1	0.46	0.35	0.37	0.39	15.52	ppb
Molybdenum	96-1	0.39	0.32	0.38	0.36	10.34	ppb
Molybdenum	97-1	0.33	0.38	0.33	0.35	8.39	ppb
Molybdenum	98-1	0.40	0.33	0.37	0.36	10.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.15	-0.15	-0.15		ppb
Phosphorus	31-2	-13.83	8.42	-13.83	-6.41		ppb
Potassium	39-2	-21.51	-11.70	-21.06	-18.09		ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	-1.17	-1.17	-0.86		ppb
Selenium	82-1	0.41	-0.23	0.41	0.20	189.70	ppb
Silicon	28-1	-11.84	-21.20	-17.67	-16.91		ppb
Silver	109-1	0.06	0.03	0.05	0.05	31.28	ppb
Silver	107-1	0.08	0.05	0.05	0.06	24.81	ppb
Sodium	23-2	20.33	33.18	33.22	28.91	25.69	ppb
Strontium	86-1	-0.02	0.03	-0.01	0.00	3450.46	ppb
Strontium	88-1	0.00	0.00	0.03	0.01	173.97	ppb
Sulfur	34-1	-1008.13	-2147.19	-1637.66	-1597.66		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.06	0.05	16.67	ppb
Thallium	205-1	0.06	0.04	0.06	0.05	14.84	ppb
Tin	118-1	0.00	-0.03	0.01	0.00		ppb
Titanium	47-1	-0.09	-0.10	0.11	-0.03		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	40.73	ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	75.73	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.25	0.04	0.20	0.16	64.54	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:18:58	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.06	0.07	7.07	ppb
Zirconium	91-1	0.10	0.08	0.09	0.09	11.45	ppb

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:28:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	18	20	22	24.03	cps
Antimony	121-1	67	108	100	92	24.05	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	50	83	25	53	55.46	cps
Barium	137-1	92	117	117	108	13.32	cps
Beryllium	9-1	72	67	61	67	8.33	cps
Bismuth	209-1	6977254	7222471	6985947	7061891	1.97	cps
Bismuth	209-2	1870438	1866282	1863063	1866594	0.20	cps
Boron	10-1	175	300	275	250	26.46	cps
Boron	11-1	983	917	975	958	3.79	cps
Cadmium	111-1	1334	1488	1199	1340	10.80	cps
Cadmium	106-1	1900	2100	1734	1911	9.61	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	650	517	642	603	12.39	cps
Calcium	44-1	19256	19372	19256	19295	0.35	cps
Chromium	52-2	543	483	457	494	8.98	cps
Cobalt	59-2	120	93	113	109	12.74	cps
Copper	63-2	490	513	503	502	2.33	cps
Dysprosium	156-1	33	58	58	50	28.88	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	50	92	83	75	29.40	cps
Gadolinium	160-2	0	3	13	6	124.93	cps
Holmium	165-1	10531536	10541645	10539691	10537624	0.05	cps
Holmium	165-2	2280479	2314525	2268852	2287952	1.04	cps
Indium	115-1	8003695	8238285	8158329	8133436	1.47	cps
Indium	115-2	377614	378036	377974	377874	0.06	cps
Iron	56-2	1939	1967	1889	1932	2.04	cps
Iron	57-2	56	44	67	56	20.00	cps
Krypton	83-1	403	370	423	399	6.76	cps
Lead	206-1	244	344	256	281	19.47	cps
Lead	207-1	211	256	222	230	10.07	cps
Lead	208-1	872	1083	950	969	11.02	cps
Lithium	6-1	1627154	1646062	1681804	1651673	1.68	cps
Magnesium	24-2	308	283	342	311	9.41	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:28:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193	183	177	184	4.55	cps
Molybdenum	94-1	417	208	308	311	33.49	cps
Molybdenum	95-1	108	42	83	78	43.30	cps
Molybdenum	96-1	167	142	192	167	15.00	cps
Molybdenum	97-1	42	67	58	56	22.91	cps
Molybdenum	98-1	92	133	67	97	34.64	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	197	210	193	200	4.41	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3092	2992	2925	3003	2.79	cps
Rhodium	103-1	7525870	7749991	7658456	7644772	1.47	cps
Rhodium	103-2	2182468	2152742	2135810	2157007	1.10	cps
Scandium	45-1	4742264	4786444	4760317	4763008	0.47	cps
Scandium	45-2	41715	42578	42548	42280	1.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-80	-18	-95	-64	-63.26	cps
Silicon	28-1	369425	369856	370255	369845	0.11	cps
Silver	109-1	67	67	67	67	0.00	cps
Silver	107-1	83	83	158	108	39.97	cps
Sodium	23-2	6110	6043	6210	6121	1.37	cps
Strontium	86-1	550	725	617	631	14.01	cps
Strontium	88-1	258	292	275	275	6.06	cps
Sulfur	34-1	390810	390810	391688	391103	0.13	cps
Terbium	159-1	10630452	10840497	10665772	10712240	1.05	cps
Terbium	159-2	2197914	2199235	2208261	2201803	0.26	cps
Thallium	203-1	183	100	133	139	30.20	cps
Thallium	205-1	300	342	325	322	6.51	cps
Tin	118-1	1602	992	1058	1217	27.49	cps
Titanium	47-1	283	200	217	233	18.90	cps
Uranium	238-1	42	33	42	39	12.38	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	8259602	8365940	8234719	8286753	0.84	cps
Yttrium	89-2	280675	283836	278715	281075	0.92	cps
Zinc	66-2	203	197	170	190	9.28	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:28:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	808	642	700	717	11.80	cps
Zirconium	91-1	108	167	108	128	26.36	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:35:42	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105	148	115	123	18.14	cps
Antimony	121-1	14700	15401	15143	15081	2.35	cps
Arsenic	75-2	94	98	94	96	2.23	cps
Barium	135-1	15818	16085	16152	16019	1.10	cps
Barium	137-1	28031	27880	28707	28206	1.56	cps
Beryllium	9-1	1045	1261	1089	1132	10.11	cps
Bismuth	209-1	7064531	7021586	7239850	7108656	1.63	cps
Bismuth	209-2	1830544	1888332	1903672	1874183	2.06	cps
Boron	10-1	2950	3034	3034	3006	1.60	cps
Boron	11-1	14808	15334	15000	15047	1.77	cps
Cadmium	111-1	2779	2714	3238	2911	9.81	cps
Cadmium	106-1	1950	1917	2350	2072	11.64	cps
Cadmium	108-1	171	117	88	125	33.83	cps
Calcium	43-1	8803	8820	8636	8753	1.16	cps
Calcium	44-1	149790	149513	151385	150229	0.67	cps
Chromium	52-2	2100	2007	2104	2070	2.65	cps
Cobalt	59-2	1640	1673	1673	1662	1.16	cps
Copper	63-2	3184	3240	3287	3237	1.60	cps
Dysprosium	156-1	83	83	42	69	34.64	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	58	33	39	44.62	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	92	92	33	72	46.64	cps
Gadolinium	160-2	23	10	10	14	53.28	cps
Holmium	165-1	10472548	10557424	10640296	10556756	0.79	cps
Holmium	165-2	2275312	2292900	2315115	2294442	0.87	cps
Indium	115-1	8069005	8125211	8271011	8155076	1.28	cps
Indium	115-2	373005	373619	380430	375685	1.10	cps
Iron	56-2	27311	26938	27249	27166	0.74	cps
Iron	57-2	611	650	778	680	12.83	cps
Krypton	83-1	387	407	383	392	3.22	cps
Lead	206-1	5335	5718	5246	5433	4.62	cps
Lead	207-1	4796	4957	5112	4955	3.20	cps
Lead	208-1	21847	22914	22186	22316	2.44	cps
Lithium	6-1	1632618	1644084	1667495	1648066	1.08	cps
Magnesium	24-2	14325	14349	14024	14233	1.27	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:35:42	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	397	320	390	369	11.51	cps
Molybdenum	94-1	12790	13274	12623	12896	2.62	cps
Molybdenum	95-1	14976	14817	15793	15195	3.45	cps
Molybdenum	96-1	16836	17721	17428	17328	2.60	cps
Molybdenum	97-1	9746	9754	10496	9999	4.31	cps
Molybdenum	98-1	24081	25317	23747	24381	3.39	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	667	690	693	683	2.13	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	10137	10596	10112	10282	2.65	cps
Rhodium	103-1	7588777	7636435	7780187	7668466	1.30	cps
Rhodium	103-2	2139345	2158884	2165265	2154498	0.63	cps
Scandium	45-1	4846995	4783046	4948432	4859491	1.72	cps
Scandium	45-2	41020	41622	43233	41958	2.73	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	6	6	6	0.00	cps
Selenium	82-1	439	470	480	463	4.55	cps
Silicon	28-1	429286	430746	421489	427174	1.17	cps
Silver	109-1	8336	7553	7761	7883	5.15	cps
Silver	107-1	8278	8461	8119	8286	2.07	cps
Sodium	23-2	38160	37651	37317	37709	1.13	cps
Strontium	86-1	2609	2609	2492	2570	2.62	cps
Strontium	88-1	18155	17437	18271	17954	2.52	cps
Sulfur	34-1	397411	396315	396641	396789	0.14	cps
Terbium	159-1	10795028	10841748	11087706	10908160	1.44	cps
Terbium	159-2	2189576	2215562	2226439	2210526	0.86	cps
Thallium	203-1	6268	6585	6710	6521	3.49	cps
Thallium	205-1	14909	16169	15134	15404	4.36	cps
Tin	118-1	25909	26778	26677	26455	1.80	cps
Titanium	47-1	4601	4693	4751	4682	1.61	cps
Uranium	238-1	20234	20050	20217	20167	0.50	cps
Vanadium	51-2	2760	2807	2884	2817	2.21	cps
Yttrium	89-1	8374596	8333667	8409633	8372632	0.45	cps
Yttrium	89-2	276865	281505	283567	280646	1.22	cps
Zinc	66-2	450	407	433	430	5.08	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:35:42	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10955	10997	11647	11200	3.47	cps
Zirconium	91-1	2725	2317	2759	2600	9.46	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:39:25	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6143	5935	5945	6008	1.95	cps
Antimony	121-1	390875	393796	397544	394072	0.85	cps
Arsenic	75-2	4679	4660	4705	4681	0.48	cps
Barium	135-1	412430	416905	416740	415359	0.61	cps
Barium	137-1	725448	725373	738804	729875	1.06	cps
Beryllium	9-1	58452	56417	57839	57569	1.81	cps
Bismuth	209-1	7145768	7164078	7056350	7122065	0.81	cps
Bismuth	209-2	1875759	1859107	1851838	1862235	0.66	cps
Boron	10-1	6218	6343	6852	6471	5.19	cps
Boron	11-1	29757	30667	31151	30525	2.32	cps
Cadmium	111-1	86488	87629	86063	86727	0.93	cps
Cadmium	106-1	10913	10538	10363	10605	2.65	cps
Cadmium	108-1	6164	5889	5968	6007	2.36	cps
Calcium	43-1	87908	86860	86424	87064	0.88	cps
Calcium	44-1	1471403	1420963	1464180	1452182	1.88	cps
Chromium	52-2	39065	39706	39015	39262	0.98	cps
Cobalt	59-2	83652	83217	83012	83294	0.39	cps
Copper	63-2	142804	141397	141596	141932	0.54	cps
Dysprosium	156-1	67	75	83	75	11.11	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	17	25	50	31	56.77	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	117	100	58	92	32.77	cps
Gadolinium	160-2	13	0	17	10	88.20	cps
Holmium	165-1	10705253	10805013	10692809	10734358	0.57	cps
Holmium	165-2	2306437	2280721	2268274	2285144	0.85	cps
Indium	115-1	8062373	8246791	8068131	8125765	1.29	cps
Indium	115-2	377976	375505	370772	374751	0.98	cps
Iron	56-2	1311794	1304909	1303038	1306581	0.35	cps
Iron	57-2	32143	32823	32739	32568	1.14	cps
Krypton	83-1	400	427	333	387	12.43	cps
Lead	206-1	266188	272320	273499	270669	1.45	cps
Lead	207-1	244688	245900	245640	245409	0.26	cps
Lead	208-1	1099983	1104899	1114863	1106582	0.69	cps
Lithium	6-1	1676303	1638444	1626288	1647012	1.58	cps
Magnesium	24-2	148990	149461	148812	149088	0.23	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:39:25	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22278	21874	21934	22029	0.99	cps
Molybdenum	94-1	653740	653251	655660	654217	0.19	cps
Molybdenum	95-1	801130	796761	806367	801419	0.60	cps
Molybdenum	96-1	893186	890833	896620	893546	0.33	cps
Molybdenum	97-1	497181	505984	508324	503830	1.17	cps
Molybdenum	98-1	1284416	1286234	1295208	1288619	0.45	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24315	24936	23907	24386	2.12	cps
Phosphorus	31-2	517	358	433	436	18.16	cps
Potassium	39-2	42340	42298	43176	42604	1.16	cps
Rhodium	103-1	7582624	7537710	7501736	7540690	0.54	cps
Rhodium	103-2	2131696	2107027	2090254	2109659	0.99	cps
Scandium	45-1	4824418	4855245	4846927	4842197	0.33	cps
Scandium	45-2	41872	41134	41889	41632	1.04	cps
Selenium	77-2	20	30	23	24	20.83	cps
Selenium	78-2	113	96	120	110	11.22	cps
Selenium	82-1	5268	5223	5365	5285	1.38	cps
Silicon	28-1	582059	578477	586557	582364	0.70	cps
Silver	109-1	399860	396803	397191	397951	0.42	cps
Silver	107-1	418579	415742	418183	417502	0.37	cps
Sodium	23-2	336888	340403	334992	337428	0.81	cps
Strontium	86-1	101811	102458	103541	102603	0.85	cps
Strontium	88-1	881838	882815	888397	884350	0.40	cps
Sulfur	34-1	424165	426851	424985	425334	0.32	cps
Terbium	159-1	11013415	10945027	10880975	10946472	0.61	cps
Terbium	159-2	2229054	2234479	2207361	2223631	0.65	cps
Thallium	203-1	328802	328422	334960	330728	1.11	cps
Thallium	205-1	788504	791729	798278	792837	0.63	cps
Tin	118-1	268327	272141	269013	269827	0.75	cps
Titanium	47-1	216220	217995	216338	216851	0.46	cps
Uranium	238-1	1082060	1073595	1077709	1077788	0.39	cps
Vanadium	51-2	28469	29231	28890	28863	1.32	cps
Yttrium	89-1	8335725	8413682	8210430	8319945	1.23	cps
Yttrium	89-2	278772	279027	275109	277636	0.79	cps
Zinc	66-2	12826	12699	13190	12905	1.97	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:39:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	537238	545879	538535	540550	0.86	cps
Zirconium	91-1	118218	120699	119009	119308	1.06	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:43:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14829	15002	15330	15053	1.69	cps
Antimony	121-1	1007998	1015507	1030740	1018082	1.14	cps
Arsenic	75-2	11666	11396	11677	11580	1.38	cps
Barium	135-1	1070835	1062815	1067237	1066962	0.38	cps
Barium	137-1	1858683	1882193	1872958	1871278	0.63	cps
Beryllium	9-1	143363	143283	143037	143228	0.12	cps
Bismuth	209-1	7340024	6922572	7151210	7137935	2.93	cps
Bismuth	209-2	1849066	1944443	1866609	1886706	2.69	cps
Boron	10-1	15693	16051	15459	15734	1.90	cps
Boron	11-1	73279	75465	78305	75683	3.33	cps
Cadmium	111-1	217676	218195	220118	218663	0.59	cps
Cadmium	106-1	25425	24674	25266	25122	1.58	cps
Cadmium	108-1	15522	15430	15634	15529	0.66	cps
Calcium	43-1	219954	223348	219745	221016	0.92	cps
Calcium	44-1	3602620	3593370	3637181	3611057	0.64	cps
Chromium	52-2	98533	98104	98702	98446	0.31	cps
Cobalt	59-2	209459	207707	206482	207882	0.72	cps
Copper	63-2	355507	351943	353498	353650	0.51	cps
Dysprosium	156-1	83	67	67	72	13.33	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	92	58	58	69	27.71	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	27	13	10	17	52.93	cps
Holmium	165-1	11047195	10660621	10801937	10836584	1.81	cps
Holmium	165-2	2310291	2386615	2320174	2339026	1.77	cps
Indium	115-1	8378452	7959231	8193777	8177154	2.57	cps
Indium	115-2	373852	384605	371430	376629	1.86	cps
Iron	56-2	3340718	3308203	3304203	3317708	0.60	cps
Iron	57-2	81308	82605	81867	81927	0.79	cps
Krypton	83-1	433	360	383	392	9.55	cps
Lead	206-1	687726	685350	680536	684537	0.54	cps
Lead	207-1	621661	620791	620766	621072	0.08	cps
Lead	208-1	2802933	2795118	2797969	2798673	0.14	cps
Lithium	6-1	1680244	1643292	1662512	1662016	1.11	cps
Magnesium	24-2	373710	376249	367946	372635	1.14	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:43:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	56223	56139	55798	56053	0.40	cps
Molybdenum	94-1	1710579	1704821	1699824	1705075	0.32	cps
Molybdenum	95-1	2075395	2055933	2065867	2065732	0.47	cps
Molybdenum	96-1	2307181	2330535	2342360	2326692	0.77	cps
Molybdenum	97-1	1282006	1291387	1286942	1286779	0.36	cps
Molybdenum	98-1	3327396	3319365	3307610	3318124	0.30	cps
Neodymium	150-1	20	60	47	42	48.24	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60846	60963	60876	60895	0.10	cps
Phosphorus	31-2	1033	1025	1008	1022	1.24	cps
Potassium	39-2	102087	100348	100979	101138	0.87	cps
Rhodium	103-1	7822729	7485246	7675838	7661271	2.21	cps
Rhodium	103-2	2154908	2182426	2121924	2153086	1.41	cps
Scandium	45-1	4981995	4767310	4863011	4870772	2.21	cps
Scandium	45-2	42093	43330	41545	42323	2.16	cps
Selenium	77-2	70	93	70	78	17.32	cps
Selenium	78-2	293	313	298	301	3.50	cps
Selenium	82-1	13439	13615	13532	13529	0.65	cps
Silicon	28-1	898250	906247	912938	905811	0.81	cps
Silver	109-1	1013274	1016898	1012082	1014085	0.25	cps
Silver	107-1	1060884	1061670	1058314	1060289	0.17	cps
Sodium	23-2	842214	843304	831922	839147	0.75	cps
Strontium	86-1	259303	259964	257403	258890	0.51	cps
Strontium	88-1	2262639	2284240	2251874	2266251	0.73	cps
Sulfur	34-1	466898	467808	465765	466824	0.22	cps
Terbium	159-1	11167198	10826589	11020691	11004826	1.55	cps
Terbium	159-2	2231630	2269548	2223972	2241717	1.09	cps
Thallium	203-1	839670	842903	840720	841098	0.20	cps
Thallium	205-1	2034189	2023274	2054590	2037351	0.78	cps
Tin	118-1	683118	683008	694177	686768	0.93	cps
Titanium	47-1	558010	555292	552542	555282	0.49	cps
Uranium	238-1	2804679	2790995	2793330	2796335	0.26	cps
Vanadium	51-2	74138	72225	72959	73107	1.32	cps
Yttrium	89-1	8726592	8295312	8423963	8481956	2.61	cps
Yttrium	89-2	279874	286597	276845	281105	1.78	cps
Zinc	66-2	32268	32014	32431	32238	0.65	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:43:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1430229	1412434	1444308	1428990	1.12	cps
Zirconium	91-1	309551	311547	314676	311925	0.83	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:46:44	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30067	30197	29678	29981	0.90	cps
Antimony	121-1	2050438	2025151	2039908	2038499	0.62	cps
Arsenic	75-2	23487	23082	23231	23267	0.88	cps
Barium	135-1	2137697	2141791	2123934	2134474	0.44	cps
Barium	137-1	3700493	3725865	3670818	3699059	0.74	cps
Beryllium	9-1	279669	282323	281334	281109	0.48	cps
Bismuth	209-1	7469323	7308729	7297787	7358613	1.31	cps
Bismuth	209-2	1849995	1884597	1865659	1866750	0.93	cps
Boron	10-1	30909	32129	31661	31566	1.95	cps
Boron	11-1	147155	150431	152197	149928	1.71	cps
Cadmium	111-1	426191	425091	429413	426899	0.53	cps
Cadmium	106-1	45829	47142	46691	46554	1.43	cps
Cadmium	108-1	30714	30146	30359	30407	0.94	cps
Calcium	43-1	434040	434092	436973	435035	0.39	cps
Calcium	44-1	7145376	7154193	7093904	7131158	0.46	cps
Chromium	52-2	192902	191281	192264	192149	0.43	cps
Cobalt	59-2	410740	406685	410553	409326	0.56	cps
Copper	63-2	700135	696181	701119	699145	0.37	cps
Dysprosium	156-1	50	33	100	61	56.78	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	75	25	58	53	48.24	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	133	92	83	103	26.06	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	11169764	11049176	10948540	11055827	1.00	cps
Holmium	165-2	2299954	2326777	2289004	2305245	0.84	cps
Indium	115-1	8383069	8318911	8212640	8304873	1.04	cps
Indium	115-2	372040	372159	368132	370777	0.62	cps
Iron	56-2	6460106	6408654	6499643	6456134	0.71	cps
Iron	57-2	162188	160041	162108	161446	0.75	cps
Krypton	83-1	400	393	453	416	7.91	cps
Lead	206-1	1361495	1359338	1367806	1362879	0.32	cps
Lead	207-1	1238545	1238102	1236660	1237769	0.08	cps
Lead	208-1	5665019	5646306	5685637	5665654	0.35	cps
Lithium	6-1	1700576	1652509	1651749	1668278	1.68	cps
Magnesium	24-2	734842	726342	728980	730055	0.60	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:46:44	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	111514	109743	109851	110369	0.90	cps
Molybdenum	94-1	3354793	3333453	3329573	3339273	0.41	cps
Molybdenum	95-1	4032252	4045798	4081923	4053325	0.63	cps
Molybdenum	96-1	4547627	4552454	4523484	4541189	0.34	cps
Molybdenum	97-1	2605074	2596506	2596525	2599368	0.19	cps
Molybdenum	98-1	6512431	6464203	6507040	6494558	0.41	cps
Neodymium	150-1	80	60	87	76	18.37	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	119457	119353	119508	119439	0.07	cps
Phosphorus	31-2	2217	2250	1959	2142	7.46	cps
Potassium	39-2	197908	195965	193121	195665	1.23	cps
Rhodium	103-1	7841974	7700346	7621001	7721107	1.45	cps
Rhodium	103-2	2131258	2156005	2121704	2136322	0.83	cps
Scandium	45-1	5061994	4978800	4915285	4985359	1.48	cps
Scandium	45-2	41896	42083	41418	41799	0.82	cps
Selenium	77-2	213	127	193	178	25.53	cps
Selenium	78-2	515	502	561	526	5.92	cps
Selenium	82-1	26789	26939	26767	26832	0.35	cps
Silicon	28-1	1288826	1295657	1329893	1304792	1.69	cps
Silver	109-1	2031597	2014949	2029229	2025258	0.44	cps
Silver	107-1	2139610	2140956	2133780	2138115	0.18	cps
Sodium	23-2	1674462	1649603	1647764	1657276	0.90	cps
Strontium	86-1	517369	511573	514553	514498	0.56	cps
Strontium	88-1	4490271	4466699	4445509	4467493	0.50	cps
Sulfur	34-1	530045	526181	524787	527004	0.52	cps
Terbium	159-1	11413524	11262141	11087998	11254554	1.45	cps
Terbium	159-2	2208715	2272603	2213992	2231770	1.59	cps
Thallium	203-1	1698801	1714713	1685636	1699717	0.86	cps
Thallium	205-1	4041633	4015495	4071972	4043033	0.70	cps
Tin	118-1	1365753	1368340	1361452	1365182	0.25	cps
Titanium	47-1	1094993	1103990	1089989	1096324	0.65	cps
Uranium	238-1	5429615	5523949	5529433	5494332	1.02	cps
Vanadium	51-2	143896	143698	143853	143816	0.07	cps
Yttrium	89-1	8691320	8523877	8483845	8566347	1.28	cps
Yttrium	89-2	279482	280496	277684	279221	0.51	cps
Zinc	66-2	63140	62393	62785	62772	0.60	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:46:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2774786	2815486	2806302	2798858	0.76	cps
Zirconium	91-1	612714	614244	614097	613685	0.14	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:50:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57884	56453	57638	57325	1.33	cps
Antimony	121-1	4018084	4033152	3988427	4013221	0.57	cps
Arsenic	75-2	44687	44822	44207	44572	0.72	cps
Barium	135-1	4210259	4176919	4209077	4198751	0.45	cps
Barium	137-1	7297351	7241008	7321480	7286613	0.57	cps
Beryllium	9-1	545659	546909	538284	543617	0.86	cps
Bismuth	209-1	7166318	7242263	7307638	7238740	0.98	cps
Bismuth	209-2	1776413	1803763	1787974	1789384	0.77	cps
Boron	10-1	61273	61524	63156	61984	1.65	cps
Boron	11-1	289737	296038	301992	295922	2.07	cps
Cadmium	111-1	844564	845486	843092	844381	0.14	cps
Cadmium	106-1	89739	90989	89748	90159	0.80	cps
Cadmium	108-1	59648	59891	59920	59820	0.25	cps
Calcium	43-1	851698	855293	855306	854099	0.24	cps
Calcium	44-1	13887946	13933577	13857151	13892891	0.28	cps
Chromium	52-2	367409	367249	367013	367224	0.05	cps
Cobalt	59-2	781358	780665	778837	780287	0.17	cps
Copper	63-2	1330127	1322442	1324481	1325683	0.30	cps
Dysprosium	156-1	100	142	100	114	21.12	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	25	75	42	47	53.91	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	75	67	83	75	11.11	cps
Gadolinium	160-2	20	10	20	17	34.64	cps
Holmium	165-1	10933327	10834454	11197410	10988397	1.71	cps
Holmium	165-2	2276449	2268501	2226930	2257293	1.18	cps
Indium	115-1	8126452	8125439	8265819	8172570	0.99	cps
Indium	115-2	354896	351059	353353	353102	0.55	cps
Iron	56-2	12350675	12273517	12263423	12295871	0.39	cps
Iron	57-2	306661	306186	309638	307495	0.61	cps
Krypton	83-1	373	317	363	351	8.61	cps
Lead	206-1	2707296	2760885	2731778	2733320	0.98	cps
Lead	207-1	2512885	2528911	2531315	2524370	0.40	cps
Lead	208-1	11156039	11289660	11260979	11235559	0.63	cps
Lithium	6-1	1646837	1600597	1650721	1632718	1.71	cps
Magnesium	24-2	1408800	1401936	1406591	1405776	0.25	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:50:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	210931	208427	211475	210278	0.77	cps
Molybdenum	94-1	6474414	6592364	6514719	6527166	0.92	cps
Molybdenum	95-1	7955235	8030532	8019346	8001704	0.51	cps
Molybdenum	96-1	8911396	8933812	8828947	8891385	0.62	cps
Molybdenum	97-1	5008897	5091223	5036530	5045550	0.83	cps
Molybdenum	98-1	13006436	12928316	12872295	12935682	0.52	cps
Neodymium	150-1	220	133	173	176	24.71	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	229014	229136	228514	228888	0.14	cps
Phosphorus	31-2	4126	4309	3934	4123	4.55	cps
Potassium	39-2	367538	365652	365454	366215	0.31	cps
Rhodium	103-1	7454968	7487027	7592557	7511518	0.96	cps
Rhodium	103-2	2039028	2027457	2071915	2046133	1.13	cps
Scandium	45-1	4836178	4825531	4955195	4872301	1.48	cps
Scandium	45-2	39619	39191	39279	39363	0.57	cps
Selenium	77-2	277	320	363	320	13.54	cps
Selenium	78-2	1004	1141	1063	1069	6.43	cps
Selenium	82-1	52156	52574	51904	52212	0.65	cps
Silicon	28-1	2111887	2144596	2165217	2140567	1.26	cps
Silver	109-1	3940690	3902658	3952259	3931869	0.66	cps
Silver	107-1	4154338	4165021	4139232	4152864	0.31	cps
Sodium	23-2	3108157	3114457	3073707	3098774	0.71	cps
Strontium	86-1	1014968	1012934	1015357	1014419	0.13	cps
Strontium	88-1	8718081	8720142	8702223	8713482	0.11	cps
Sulfur	34-1	639372	641576	628996	636648	1.06	cps
Terbium	159-1	11277169	11135907	11417730	11276936	1.25	cps
Terbium	159-2	2166572	2162123	2175741	2168145	0.32	cps
Thallium	203-1	3335146	3397507	3410628	3381094	1.19	cps
Thallium	205-1	7854629	8061605	7967526	7961254	1.30	cps
Tin	118-1	2710880	2728922	2721055	2720286	0.33	cps
Titanium	47-1	2193420	2188059	2190942	2190807	0.12	cps
Uranium	238-1	10932786	10956758	10906882	10932142	0.23	cps
Vanadium	51-2	275972	273750	274282	274668	0.42	cps
Yttrium	89-1	8396748	8399557	8625273	8473860	1.55	cps
Yttrium	89-2	265625	264545	268653	266274	0.80	cps
Zinc	66-2	121019	119879	120816	120571	0.50	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:50:14	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5473992	5479259	5457795	5470348	0.20	cps
Zirconium	91-1	1215428	1223837	1206578	1215281	0.71	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:53:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111749	110798	110541	111029	0.57	cps
Antimony	121-1	8023775	8059495	8058664	8047311	0.25	cps
Arsenic	75-2	87146	88760	87430	87779	0.98	cps
Barium	135-1	8405503	8481138	8412776	8433139	0.49	cps
Barium	137-1	14805839	14739083	14677045	14740656	0.44	cps
Beryllium	9-1	1064417	1060713	1080206	1068445	0.97	cps
Bismuth	209-1	7250838	7304111	7337564	7297504	0.60	cps
Bismuth	209-2	1798909	1792200	1828560	1806556	1.07	cps
Boron	10-1	120805	124468	125596	123623	2.03	cps
Boron	11-1	567350	588225	592689	582755	2.32	cps
Cadmium	111-1	1686289	1707215	1687224	1693576	0.70	cps
Cadmium	106-1	178316	177732	176846	177631	0.42	cps
Cadmium	108-1	118662	121193	119032	119629	1.14	cps
Calcium	43-1	1713774	1697900	1707216	1706297	0.47	cps
Calcium	44-1	27729785	27750818	27600332	27693645	0.29	cps
Chromium	52-2	721075	720628	719587	720430	0.11	cps
Cobalt	59-2	1517612	1568966	1541935	1542838	1.67	cps
Copper	63-2	2620789	2626900	2612275	2619988	0.28	cps
Dysprosium	156-1	125	192	175	164	21.17	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	25	83	42	50	60.09	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	92	83	100	92	9.09	cps
Gadolinium	160-2	20	17	20	19	10.18	cps
Holmium	165-1	11186071	11197191	11122921	11168728	0.36	cps
Holmium	165-2	2305514	2319523	2313223	2312753	0.30	cps
Indium	115-1	7936855	8123674	8143536	8068022	1.41	cps
Indium	115-2	346867	345065	348901	346944	0.55	cps
Iron	56-2	24189760	24240115	24206828	24212234	0.11	cps
Iron	57-2	605090	606778	606647	606172	0.15	cps
Krypton	83-1	393	423	440	419	5.65	cps
Lead	206-1	5518778	5534250	5485309	5512779	0.45	cps
Lead	207-1	5087797	5075569	5090676	5084681	0.16	cps
Lead	208-1	22665852	22749703	22598199	22671251	0.33	cps
Lithium	6-1	1606397	1636917	1615020	1619445	0.97	cps
Magnesium	24-2	2720161	2732905	2716083	2723050	0.32	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:53:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	412702	413872	414210	413595	0.19	cps
Molybdenum	94-1	13259884	13031170	13069239	13120097	0.93	cps
Molybdenum	95-1	16260850	16158008	16049987	16156282	0.65	cps
Molybdenum	96-1	17973979	17928802	17906021	17936267	0.19	cps
Molybdenum	97-1	10174483	10118226	10068905	10120538	0.52	cps
Molybdenum	98-1	26097842	26232649	25647011	25992501	1.18	cps
Neodymium	150-1	293	313	307	304	3.34	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	445897	445236	441820	444318	0.49	cps
Phosphorus	31-2	7594	7236	7419	7416	2.42	cps
Potassium	39-2	708599	717113	717084	714265	0.69	cps
Rhodium	103-1	7408543	7483661	7380243	7424149	0.72	cps
Rhodium	103-2	2035264	2027522	2074409	2045732	1.23	cps
Scandium	45-1	4720585	4756527	4864303	4780472	1.56	cps
Scandium	45-2	39506	39686	39255	39482	0.55	cps
Selenium	77-2	633	533	600	589	8.65	cps
Selenium	78-2	1961	1915	1987	1954	1.87	cps
Selenium	82-1	103752	104389	103341	103827	0.51	cps
Silicon	28-1	3455985	3442236	3444680	3447634	0.21	cps
Silver	109-1	7774162	7756239	7671066	7733822	0.71	cps
Silver	107-1	8098349	8200617	8081471	8126812	0.79	cps
Sodium	23-2	6035303	6033746	6015165	6028071	0.19	cps
Strontium	86-1	2049315	2063559	2054834	2055903	0.35	cps
Strontium	88-1	17635772	17571360	17373791	17526974	0.78	cps
Sulfur	34-1	871968	865354	872391	869904	0.45	cps
Terbium	159-1	11279646	11411469	11425601	11372239	0.71	cps
Terbium	159-2	2209704	2213163	2173423	2198763	1.00	cps
Thallium	203-1	6844023	6785482	6799475	6809660	0.45	cps
Thallium	205-1	16229950	16239664	16035128	16168247	0.71	cps
Tin	118-1	5400736	5504937	5428633	5444769	0.99	cps
Titanium	47-1	4283495	4285042	4250436	4272991	0.46	cps
Uranium	238-1	22665642	22555222	22339823	22520229	0.74	cps
Vanadium	51-2	542288	540739	544654	542561	0.36	cps
Yttrium	89-1	8446563	8509323	8487610	8481166	0.38	cps
Yttrium	89-2	264753	265216	268210	266060	0.71	cps
Zinc	66-2	235284	237420	238002	236902	0.60	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:53:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11063849	11065363	10934642	11021285	0.68	cps
Zirconium	91-1	2511701	2509764	2485825	2502430	0.58	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:57:04	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583314	586143	590009	586489	0.57	cps
Antimony	121-1	22988	21418	20659	21688	5.48	cps
Arsenic	75-2	143	165	169	159	8.84	cps
Barium	135-1	1567	1634	1700	1634	4.08	cps
Barium	137-1	2759	2642	2817	2739	3.25	cps
Beryllium	9-1	594	561	489	548	9.84	cps
Bismuth	209-1	6596256	6683840	6763092	6681063	1.25	cps
Bismuth	209-2	1649599	1653497	1625263	1642787	0.93	cps
Boron	10-1	7511	6685	6152	6782	10.10	cps
Boron	11-1	32496	30634	28663	30598	6.26	cps
Cadmium	111-1	1825	1861	1803	1830	1.60	cps
Cadmium	106-1	1992	2009	1859	1953	4.21	cps
Cadmium	108-1	46	58	63	56	15.62	cps
Calcium	43-1	8644172	8681337	8692840	8672783	0.29	cps
Calcium	44-1	141482074	141906553	141440566	141609731	0.18	cps
Chromium	52-2	28088	28295	28666	28350	1.03	cps
Cobalt	59-2	18896	19380	19050	19109	1.29	cps
Copper	63-2	6455	6748	6755	6653	2.58	cps
Dysprosium	156-1	125	117	167	136	19.68	cps
Dysprosium	156-2	3	23	0	9	142.00	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	13	0	10	8	89.21	cps
Gadolinium	160-1	183	75	108	122	45.40	cps
Gadolinium	160-2	27	27	20	24	15.75	cps
Holmium	165-1	10775112	10765218	10807234	10782522	0.20	cps
Holmium	165-2	2299405	2283325	2260188	2280973	0.86	cps
Indium	115-1	7779323	7796984	7761186	7779164	0.23	cps
Indium	115-2	351403	353325	349009	351246	0.62	cps
Iron	56-2	121713417	121256428	122433697	121801181	0.49	cps
Iron	57-2	3094758	3103793	3114874	3104475	0.32	cps
Krypton	83-1	433	350	393	392	10.63	cps
Lead	206-1	34681	34525	35054	34754	0.78	cps
Lead	207-1	29184	28683	28171	28679	1.77	cps
Lead	208-1	134495	134161	133614	134090	0.33	cps
Lithium	6-1	1547663	1586346	1590767	1574925	1.51	cps
Magnesium	24-2	13761890	13719590	13957993	13813158	0.92	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:57:04	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1980	2037	2270	2096	7.34	cps
Molybdenum	94-1	17078	16661	17128	16956	1.51	cps
Molybdenum	95-1	28039	27270	26302	27203	3.20	cps
Molybdenum	96-1	32732	30001	29508	30747	5.65	cps
Molybdenum	97-1	18538	17245	17086	17623	4.52	cps
Molybdenum	98-1	44792	44181	43011	43995	2.06	cps
Neodymium	150-1	87	113	113	104	14.74	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	14438	14955	15085	14826	2.31	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	3730143	3712555	3810816	3751172	1.40	cps
Rhodium	103-1	6893166	7033397	7094490	7007018	1.47	cps
Rhodium	103-2	1949913	1970722	1929339	1949992	1.06	cps
Scandium	45-1	4692069	4775552	4807212	4758277	1.25	cps
Scandium	45-2	40024	40398	39837	40086	0.71	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	0	9	4	4	107.89	cps
Selenium	82-1	23	109	36	56	82.16	cps
Silicon	28-1	510031	514112	518788	514310	0.85	cps
Silver	109-1	933	850	933	906	5.31	cps
Silver	107-1	908	933	858	900	4.24	cps
Sodium	23-2	30809782	30876133	31197280	30961065	0.67	cps
Strontium	86-1	10321	10354	10479	10385	0.80	cps
Strontium	88-1	86750	88336	86810	87299	1.03	cps
Sulfur	34-1	364639	364330	364403	364458	0.04	cps
Terbium	159-1	10969149	11059464	11065346	11031320	0.49	cps
Terbium	159-2	2194364	2186706	2140006	2173692	1.35	cps
Thallium	203-1	4401	4459	4084	4315	4.68	cps
Thallium	205-1	10797	10105	9888	10263	4.63	cps
Tin	118-1	19916	19164	19098	19393	2.34	cps
Titanium	47-1	2317	2550	2575	2481	5.74	cps
Uranium	238-1	2092	2042	1892	2009	5.18	cps
Vanadium	51-2	230	270	267	256	8.68	cps
Yttrium	89-1	8198744	8292971	8314343	8268686	0.74	cps
Yttrium	89-2	270429	270234	270058	270240	0.07	cps
Zinc	66-2	2694	2520	2670	2628	3.58	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 12:57:04	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3226	3134	3076	3145	2.41	cps
Zirconium	91-1	758	667	758	728	7.27	cps

LB Number : LB97185 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-08 13:16:44 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3094	3216	3209	3173	2.17	cps
Antimony	121-1	1641977	1622726	1617166	1627290	0.80	cps
Arsenic	75-2	18499	18564	18729	18598	0.64	cps
Barium	135-1	170037	172359	169388	170595	0.92	cps
Barium	137-1	297258	296798	298592	297549	0.31	cps
Beryllium	9-1	110673	111411	109665	110583	0.79	cps
Bismuth	209-1	7423744	7664623	7173698	7420688	3.31	cps
Bismuth	209-2	1931620	1902508	1960619	1931583	1.50	cps
Boron	10-1	63859	65910	67953	65907	3.11	cps
Boron	11-1	306489	316935	324084	315836	2.80	cps
Cadmium	111-1	177143	178719	179688	178517	0.72	cps
Cadmium	106-1	30152	30385	29617	30051	1.31	cps
Cadmium	108-1	16047	16410	16085	16181	1.23	cps
Calcium	43-1	38370	37000	38554	37975	2.24	cps
Calcium	44-1	616405	614804	615432	615547	0.13	cps
Chromium	52-2	75868	76621	77138	76542	0.83	cps
Cobalt	59-2	165826	165357	164969	165384	0.26	cps
Copper	63-2	144560	142330	143209	143366	0.78	cps
Dysprosium	156-1	25	0	67	31	110.22	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	117	75	83	36.05	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	100	50	92	81	33.26	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	10990502	11282778	10843702	11038994	2.02	cps
Holmium	165-2	2401333	2376939	2387983	2388751	0.51	cps
Indium	115-1	8365706	8566707	8114700	8349038	2.71	cps
Indium	115-2	381629	378495	386089	382071	1.00	cps
Iron	56-2	530601	525287	527291	527726	0.51	cps
Iron	57-2	13068	12968	13284	13107	1.24	cps
Krypton	83-1	363	397	420	393	7.24	cps
Lead	206-1	1107980	1117281	1119012	1114758	0.53	cps
Lead	207-1	965942	975485	973677	971701	0.52	cps
Lead	208-1	4501486	4514498	4553217	4523067	0.59	cps
Lithium	6-1	1708318	1715025	1655837	1693060	1.91	cps
Magnesium	24-2	34517	35988	36022	35509	2.42	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:16:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21947	21630	21847	21808	0.74	cps
Molybdenum	94-1	2982607	2947125	3016629	2982120	1.17	cps
Molybdenum	95-1	1803575	1807275	1809372	1806740	0.16	cps
Molybdenum	96-1	2280876	2267373	2298163	2282137	0.68	cps
Molybdenum	97-1	1108322	1107565	1104886	1106925	0.16	cps
Molybdenum	98-1	2857673	2923383	2898793	2893283	1.15	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	48578	48688	49083	48783	0.54	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	35237	34518	34702	34819	1.07	cps
Rhodium	103-1	7878746	8152805	7631981	7887844	3.30	cps
Rhodium	103-2	2228311	2191338	2239814	2219821	1.14	cps
Scandium	45-1	5078223	5182948	4879156	5046776	3.06	cps
Scandium	45-2	43875	42648	44594	43706	2.25	cps
Selenium	77-2	143	100	110	118	19.27	cps
Selenium	78-2	431	413	430	425	2.40	cps
Selenium	82-1	21591	21698	21564	21618	0.33	cps
Silicon	28-1	363570	367568	368168	366435	0.68	cps
Silver	109-1	722825	731620	738796	731080	1.09	cps
Silver	107-1	764954	763206	775152	767771	0.84	cps
Sodium	23-2	140925	139165	142398	140829	1.15	cps
Strontium	86-1	1002705	1006420	1004419	1004514	0.19	cps
Strontium	88-1	8604925	8550708	8624194	8593276	0.44	cps
Sulfur	34-1	389113	381453	381696	384087	1.13	cps
Terbium	159-1	11331880	11479922	11077488	11296430	1.80	cps
Terbium	159-2	2302008	2244781	2286455	2277748	1.30	cps
Thallium	203-1	1380618	1396612	1400414	1392548	0.75	cps
Thallium	205-1	3363215	3380663	3399504	3381127	0.54	cps
Tin	118-1	2687194	2661574	2625875	2658215	1.16	cps
Titanium	47-1	422642	424222	428666	425177	0.73	cps
Uranium	238-1	10531489	10513259	10513047	10519265	0.10	cps
Vanadium	51-2	57919	57738	56758	57472	1.09	cps
Yttrium	89-1	8717491	8915202	8387696	8673463	3.07	cps
Yttrium	89-2	288887	283740	288182	286936	0.97	cps
Zinc	66-2	26382	25874	25954	26070	1.05	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:16:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5363615	5399992	5376011	5379873	0.34	cps
Zirconium	91-1	1176886	1183902	1192642	1184477	0.67	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:24:42	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	153	158	138	22.12	cps
Antimony	121-1	17520	17228	16227	16992	3.99	cps
Arsenic	75-2	91	96	83	90	7.22	cps
Barium	135-1	16845	16177	16636	16553	2.06	cps
Barium	137-1	28273	28006	28874	28384	1.57	cps
Beryllium	9-1	1322	1411	1133	1289	11.01	cps
Bismuth	209-1	7376610	7553170	7263335	7397705	1.97	cps
Bismuth	209-2	1908146	1904297	1911519	1907987	0.19	cps
Boron	10-1	4826	4326	4526	4559	5.52	cps
Boron	11-1	21041	21500	21776	21439	1.73	cps
Cadmium	111-1	3236	2953	3165	3118	4.72	cps
Cadmium	106-1	2359	2125	1959	2147	9.36	cps
Cadmium	108-1	129	217	133	160	30.90	cps
Calcium	43-1	9062	8803	9203	9023	2.25	cps
Calcium	44-1	156219	156546	155300	156022	0.41	cps
Chromium	52-2	2094	2134	2094	2107	1.10	cps
Cobalt	59-2	1793	1670	1617	1693	5.35	cps
Copper	63-2	3400	3420	3324	3382	1.51	cps
Dysprosium	156-1	42	83	50	58	37.80	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	108	50	50	69	48.50	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	10984406	11085666	10811755	10960609	1.26	cps
Holmium	165-2	2347152	2335390	2351066	2344536	0.35	cps
Indium	115-1	8525787	8474143	8396051	8465327	0.77	cps
Indium	115-2	380749	381887	382225	381620	0.20	cps
Iron	56-2	27823	28469	27472	27921	1.81	cps
Iron	57-2	728	750	783	754	3.71	cps
Krypton	83-1	357	327	397	360	9.75	cps
Lead	206-1	5624	5657	5818	5700	1.83	cps
Lead	207-1	5285	5246	5173	5235	1.08	cps
Lead	208-1	23537	23092	23459	23363	1.02	cps
Lithium	6-1	1669379	1663873	1635831	1656361	1.09	cps
Magnesium	24-2	13907	14625	14675	14402	2.98	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:24:42	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310	347	330	329	5.58	cps
Molybdenum	94-1	16502	15902	16678	16361	2.49	cps
Molybdenum	95-1	16628	15985	16736	16450	2.47	cps
Molybdenum	96-1	19039	17979	18956	18658	3.16	cps
Molybdenum	97-1	10471	10388	10229	10363	1.19	cps
Molybdenum	98-1	27729	24915	27162	26602	5.59	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	603	683	620	636	6.64	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	10746	10788	11046	10860	1.50	cps
Rhodium	103-1	7929657	8002061	7848728	7926816	0.97	cps
Rhodium	103-2	2181283	2192396	2197009	2190229	0.37	cps
Scandium	45-1	4986668	5092659	4913067	4997465	1.81	cps
Scandium	45-2	42070	42795	42267	42377	0.89	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	15	13	20	16	24.03	cps
Selenium	82-1	467	531	496	498	6.49	cps
Silicon	28-1	400181	407159	396589	401310	1.34	cps
Silver	109-1	7936	7994	8211	8047	1.80	cps
Silver	107-1	9054	8511	8328	8631	4.37	cps
Sodium	23-2	41286	41905	40542	41244	1.65	cps
Strontium	86-1	2725	2959	2825	2837	4.13	cps
Strontium	88-1	18196	18263	18463	18307	0.76	cps
Sulfur	34-1	388388	385060	386184	386544	0.44	cps
Terbium	159-1	11238343	11333350	11284024	11285239	0.42	cps
Terbium	159-2	2259789	2228601	2268302	2252231	0.93	cps
Thallium	203-1	7678	7844	7194	7572	4.46	cps
Thallium	205-1	16778	16637	17095	16837	1.40	cps
Tin	118-1	28289	28022	28832	28381	1.45	cps
Titanium	47-1	5009	4092	4443	4515	10.25	cps
Uranium	238-1	22179	21494	21236	21636	2.25	cps
Vanadium	51-2	2797	2797	2684	2759	2.37	cps
Yttrium	89-1	8749290	8764370	8544829	8686163	1.41	cps
Yttrium	89-2	283618	283951	282344	283304	0.30	cps
Zinc	66-2	417	363	310	363	14.68	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:24:42	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	19673	18830	18763	19089	2.66	cps
Zirconium	91-1	4109	4184	3901	4065	3.61	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:28:02	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	20	8	15	44.11	cps
Antimony	121-1	875	1000	1092	989	11.00	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	67	67	25	53	45.58	cps
Barium	137-1	125	100	58	94	35.66	cps
Beryllium	9-1	133	156	156	148	8.66	cps
Bismuth	209-1	6922271	7111073	7463707	7165683	3.84	cps
Bismuth	209-2	1843481	1890870	1895902	1876751	1.54	cps
Boron	10-1	1450	1400	1217	1356	9.06	cps
Boron	11-1	6510	6310	6468	6430	1.64	cps
Cadmium	111-1	1381	1248	1325	1318	5.06	cps
Cadmium	106-1	1959	1792	1900	1884	4.49	cps
Cadmium	108-1	21	8	25	18	48.05	cps
Calcium	43-1	567	575	575	572	0.84	cps
Calcium	44-1	18229	18213	17578	18007	2.06	cps
Chromium	52-2	503	440	477	473	6.72	cps
Cobalt	59-2	63	53	83	67	22.92	cps
Copper	63-2	493	463	513	490	5.14	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	83	50	58	37.80	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	117	50	108	92	39.63	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	10354303	10650015	11042795	10682371	3.23	cps
Holmium	165-2	2306140	2318004	2297397	2307180	0.45	cps
Indium	115-1	7912159	8195093	8435220	8180824	3.20	cps
Indium	115-2	374229	373512	372240	373327	0.27	cps
Iron	56-2	1956	1861	1856	1891	2.97	cps
Iron	57-2	50	50	39	46	13.85	cps
Krypton	83-1	320	327	413	353	14.74	cps
Lead	206-1	411	439	422	424	3.30	cps
Lead	207-1	311	411	433	385	16.90	cps
Lead	208-1	1622	1611	1706	1646	3.14	cps
Lithium	6-1	1544527	1597244	1694981	1612250	4.74	cps
Magnesium	24-2	342	342	275	319	12.05	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:28:02	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	97	97	97	0.00	cps
Molybdenum	94-1	817	833	817	822	1.17	cps
Molybdenum	95-1	433	375	308	372	16.80	cps
Molybdenum	96-1	492	492	383	456	13.73	cps
Molybdenum	97-1	308	250	342	300	15.46	cps
Molybdenum	98-1	608	650	642	633	3.48	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	217	163	133	171	24.66	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3326	2967	3276	3189	6.09	cps
Rhodium	103-1	7444807	7648440	7945681	7679643	3.28	cps
Rhodium	103-2	2171577	2151099	2145523	2156066	0.64	cps
Scandium	45-1	4672110	4785561	5076362	4844678	4.30	cps
Scandium	45-2	41455	42494	42153	42034	1.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	49	78	-18	36	136.15	cps
Silicon	28-1	345669	342245	349145	345686	1.00	cps
Silver	109-1	100	108	83	97	13.09	cps
Silver	107-1	117	100	158	125	24.03	cps
Sodium	23-2	8745	8586	8470	8600	1.61	cps
Strontium	86-1	683	533	417	544	24.55	cps
Strontium	88-1	342	342	283	322	10.45	cps
Sulfur	34-1	391004	389413	393489	391302	0.52	cps
Terbium	159-1	10644477	10978004	11352975	10991819	3.22	cps
Terbium	159-2	2244440	2202665	2229847	2225651	0.95	cps
Thallium	203-1	417	450	350	406	12.56	cps
Thallium	205-1	767	867	842	825	6.31	cps
Tin	118-1	1600	1717	1617	1645	3.84	cps
Titanium	47-1	133	183	108	142	26.96	cps
Uranium	238-1	17	100	83	67	66.14	cps
Vanadium	51-2	3	13	0	6	124.93	cps
Yttrium	89-1	8164682	8395070	8742501	8434084	3.45	cps
Yttrium	89-2	278300	277778	277121	277733	0.21	cps
Zinc	66-2	147	150	153	150	2.22	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:28:02	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1775	1959	1642	1792	8.87	cps
Zirconium	91-1	325	342	325	331	2.91	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:31:23	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	545272	542295	541296	542955	0.38	cps
Antimony	121-1	9804	9087	9354	9415	3.85	cps
Arsenic	75-2	28	31	35	31	11.77	cps
Barium	135-1	2700	2167	2275	2381	11.84	cps
Barium	137-1	4443	4534	4551	4509	1.29	cps
Beryllium	9-1	417	356	383	385	7.94	cps
Bismuth	209-1	7396777	7239792	7120878	7252482	1.91	cps
Bismuth	209-2	1803428	1793387	1783638	1793484	0.55	cps
Boron	10-1	1508	1475	1483	1489	1.17	cps
Boron	11-1	7119	6910	7102	7044	1.64	cps
Cadmium	111-1	1888	1933	2043	1955	4.09	cps
Cadmium	106-1	1959	1734	1934	1875	6.58	cps
Cadmium	108-1	1042	1092	938	1024	7.68	cps
Calcium	43-1	1722301	1738813	1740215	1733777	0.57	cps
Calcium	44-1	28159654	28228683	27861254	28083197	0.70	cps
Chromium	52-2	15429	15218	15202	15283	0.83	cps
Cobalt	59-2	1894	1950	2020	1955	3.25	cps
Copper	63-2	10798	10904	10714	10805	0.88	cps
Dysprosium	156-1	58	117	75	83	36.05	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	75	58	25	53	48.24	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	92	92	183	122	43.30	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	11438203	11232061	11065582	11245282	1.66	cps
Holmium	165-2	2322117	2302069	2289930	2304705	0.71	cps
Indium	115-1	8413990	8277712	8206964	8299556	1.27	cps
Indium	115-2	362930	363318	357326	361191	0.93	cps
Iron	56-2	50422934	49670853	49827897	49973895	0.79	cps
Iron	57-2	1255561	1249815	1251009	1252128	0.24	cps
Krypton	83-1	420	337	353	370	11.92	cps
Lead	206-1	26228	26445	26328	26333	0.41	cps
Lead	207-1	20823	20962	21257	21014	1.06	cps
Lead	208-1	99777	99726	99185	99563	0.33	cps
Lithium	6-1	1652765	1636975	1606953	1632231	1.43	cps
Magnesium	24-2	2744548	2761503	2766515	2757522	0.42	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:31:23	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1917	1727	1590	1745	9.41	cps
Molybdenum	94-1	3659148	3676714	3675099	3670320	0.26	cps
Molybdenum	95-1	6425560	6333424	6364663	6374549	0.74	cps
Molybdenum	96-1	6798477	6839608	6854325	6830803	0.42	cps
Molybdenum	97-1	4049236	4049770	4086327	4061778	0.52	cps
Molybdenum	98-1	10215586	10299603	10327003	10280730	0.56	cps
Neodymium	150-1	47	40	60	49	20.83	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	2564	2614	2667	2615	1.98	cps
Phosphorus	31-2	39590	39815	39330	39579	0.61	cps
Potassium	39-2	1508315	1513463	1512332	1511370	0.18	cps
Rhodium	103-1	7756353	7534292	7521676	7604107	1.74	cps
Rhodium	103-2	2090736	2061972	2075394	2076034	0.69	cps
Scandium	45-1	5112287	5040029	4841132	4997816	2.81	cps
Scandium	45-2	40305	41344	40752	40800	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	-62	-17	13	-22	-173.34	cps
Silicon	28-1	479027	476643	474590	476753	0.47	cps
Silver	109-1	392	592	583	522	21.66	cps
Silver	107-1	475	542	733	583	22.99	cps
Sodium	23-2	6300565	6230308	6273134	6268003	0.56	cps
Strontium	86-1	71162	72602	71119	71627	1.18	cps
Strontium	88-1	609435	620207	612134	613925	0.91	cps
Sulfur	34-1	2431363	2423193	2386535	2413697	0.99	cps
Terbium	159-1	11753246	11465974	11304384	11507868	1.98	cps
Terbium	159-2	2249615	2243765	2198638	2230673	1.25	cps
Thallium	203-1	642	1008	1058	903	25.20	cps
Thallium	205-1	1900	1884	2175	1986	8.25	cps
Tin	118-1	1800	1842	1533	1725	9.70	cps
Titanium	47-1	1779670	1788244	1780788	1782901	0.26	cps
Uranium	238-1	492	433	283	403	26.68	cps
Vanadium	51-2	77	123	117	106	23.91	cps
Yttrium	89-1	8812137	8750480	8552671	8705096	1.56	cps
Yttrium	89-2	277079	276503	274584	276055	0.47	cps
Zinc	66-2	1423	1487	1400	1437	3.12	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:31:23	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12339	10096	8320	10252	19.65	cps
Zirconium	91-1	2717	2375	1934	2342	16.77	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:34:40	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	535826	533163	537284	535424	0.39	cps
Antimony	121-1	167014	167640	168738	167798	0.52	cps
Arsenic	75-2	1819	1830	1811	1820	0.51	cps
Barium	135-1	35942	37504	36936	36794	2.15	cps
Barium	137-1	65379	64434	63587	64467	1.39	cps
Beryllium	9-1	22429	22190	22479	22366	0.69	cps
Bismuth	209-1	7216202	7348239	7197346	7253929	1.13	cps
Bismuth	209-2	1802934	1811503	1784135	1799524	0.78	cps
Boron	10-1	8303	8178	8161	8214	0.94	cps
Boron	11-1	38912	39781	39815	39503	1.30	cps
Cadmium	111-1	35165	35263	35581	35337	0.62	cps
Cadmium	106-1	6135	6243	6510	6296	3.07	cps
Cadmium	108-1	3696	3880	3692	3756	2.85	cps
Calcium	43-1	1729992	1695104	1721586	1715561	1.06	cps
Calcium	44-1	27869416	27546963	27969359	27795246	0.79	cps
Chromium	52-2	29498	29438	29962	29633	0.97	cps
Cobalt	59-2	33698	33203	33514	33471	0.75	cps
Copper	63-2	37999	37387	38209	37865	1.13	cps
Dysprosium	156-1	50	25	50	42	34.64	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	50	58	75	61	20.83	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	75	108	133	106	27.73	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	11216968	11355406	11120579	11230984	1.05	cps
Holmium	165-2	2314515	2338500	2330766	2327927	0.53	cps
Indium	115-1	8198143	8436311	8238791	8291082	1.54	cps
Indium	115-2	359622	361959	358458	360013	0.50	cps
Iron	56-2	49176196	49356940	49364744	49299293	0.22	cps
Iron	57-2	1240864	1230547	1242120	1237844	0.51	cps
Krypton	83-1	420	413	327	387	13.47	cps
Lead	206-1	134483	137688	134829	135667	1.30	cps
Lead	207-1	114449	113851	114462	114254	0.31	cps
Lead	208-1	528882	529007	529649	529180	0.08	cps
Lithium	6-1	1611526	1633417	1603433	1616125	0.96	cps
Magnesium	24-2	2731380	2722298	2748445	2734041	0.49	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:34:40	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5788	5731	5721	5747	0.63	cps
Molybdenum	94-1	3946842	3916613	3902471	3921975	0.58	cps
Molybdenum	95-1	6468390	6491146	6547305	6502280	0.62	cps
Molybdenum	96-1	7037384	7028431	7087131	7050982	0.45	cps
Molybdenum	97-1	4134718	4172809	4178172	4161900	0.57	cps
Molybdenum	98-1	10551584	10467141	10499643	10506123	0.41	cps
Neodymium	150-1	47	33	47	42	18.24	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	11558	11738	11478	11592	1.15	cps
Phosphorus	31-2	38136	40049	39330	39172	2.47	cps
Potassium	39-2	1499689	1469980	1481539	1483736	1.01	cps
Rhodium	103-1	7511431	7664703	7546049	7574061	1.06	cps
Rhodium	103-2	2061184	2103355	2062001	2075514	1.16	cps
Scandium	45-1	4954847	5022109	4943928	4973628	0.85	cps
Scandium	45-2	40676	41525	40047	40749	1.82	cps
Selenium	77-2	7	27	10	14	74.18	cps
Selenium	78-2	39	50	56	48	17.63	cps
Selenium	82-1	2023	1960	2125	2036	4.10	cps
Silicon	28-1	664013	671836	668241	668030	0.59	cps
Silver	109-1	148242	152210	152925	151126	1.67	cps
Silver	107-1	157427	154273	156524	156075	1.04	cps
Sodium	23-2	6125824	6138691	6124386	6129633	0.13	cps
Strontium	86-1	178023	179598	178266	178629	0.47	cps
Strontium	88-1	1596448	1563565	1566521	1575511	1.15	cps
Sulfur	34-1	2389115	2364923	2366776	2373605	0.57	cps
Terbium	159-1	11273256	11568399	11506574	11449410	1.36	cps
Terbium	159-2	2221634	2227404	2226584	2225207	0.14	cps
Thallium	203-1	137538	135128	136393	136353	0.88	cps
Thallium	205-1	325197	324895	326749	325613	0.31	cps
Tin	118-1	284804	287356	286556	286239	0.46	cps
Titanium	47-1	1856606	1810323	1839971	1835633	1.28	cps
Uranium	238-1	1160038	1154407	1163966	1159471	0.41	cps
Vanadium	51-2	11171	10788	11288	11082	2.36	cps
Yttrium	89-1	8664798	8846678	8528558	8680011	1.84	cps
Yttrium	89-2	275131	275583	271678	274131	0.78	cps
Zinc	66-2	3997	3977	4071	4015	1.22	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:34:40	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	582784	580897	586981	583554	0.53	cps
Zirconium	91-1	130614	130235	130336	130395	0.15	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:37:55	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303167	303868	305089	304041	0.32	cps
Antimony	121-1	4017722	4022965	4025480	4022056	0.10	cps
Arsenic	75-2	45302	45569	46030	45634	0.81	cps
Barium	135-1	4298799	4292378	4283125	4291434	0.18	cps
Barium	137-1	7429227	7368410	7397788	7398475	0.41	cps
Beryllium	9-1	544753	541894	544628	543758	0.30	cps
Bismuth	209-1	6977341	7188283	6962895	7042840	1.79	cps
Bismuth	209-2	1828922	1747286	1647276	1741161	5.23	cps
Boron	10-1	61140	62085	64604	62610	2.86	cps
Boron	11-1	288820	295297	299313	294476	1.80	cps
Cadmium	111-1	820764	826229	819166	822053	0.45	cps
Cadmium	106-1	87407	88138	89430	88325	1.16	cps
Cadmium	108-1	59012	60117	58999	59376	1.08	cps
Calcium	43-1	4270183	4289241	4367300	4308908	1.19	cps
Calcium	44-1	69938518	70007912	70633610	70193347	0.55	cps
Chromium	52-2	387748	387774	390824	388782	0.45	cps
Cobalt	59-2	796941	794381	797584	796302	0.21	cps
Copper	63-2	1301240	1317423	1311782	1310148	0.63	cps
Dysprosium	156-1	267	242	158	222	25.53	cps
Dysprosium	156-2	40	33	23	32	26.04	cps
Erbium	164-1	150	100	125	125	20.00	cps
Erbium	164-2	23	13	20	19	26.96	cps
Gadolinium	160-1	158	192	167	172	10.07	cps
Gadolinium	160-2	40	37	30	36	14.32	cps
Holmium	165-1	10981046	11221543	10945399	11049329	1.36	cps
Holmium	165-2	2372258	2262096	2139857	2258070	5.15	cps
Indium	115-1	8059021	8217791	8076811	8117875	1.07	cps
Indium	115-2	360738	351249	327368	346452	4.96	cps
Iron	56-2	62783244	62708699	63154586	62882176	0.38	cps
Iron	57-2	1603961	1602847	1612760	1606523	0.34	cps
Krypton	83-1	360	307	333	333	8.00	cps
Lead	206-1	2745481	2725612	2692577	2721223	0.98	cps
Lead	207-1	2562835	2534365	2476614	2524605	1.74	cps
Lead	208-1	11298664	11224627	11050838	11191376	1.14	cps
Lithium	6-1	1597927	1631207	1581977	1603704	1.57	cps
Magnesium	24-2	7042730	7070527	7010839	7041365	0.42	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:37:55	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	215540	212399	213729	213889	0.74	cps
Molybdenum	94-1	6684988	6697000	6631124	6671037	0.53	cps
Molybdenum	95-1	8195470	8165075	8096600	8152382	0.62	cps
Molybdenum	96-1	9087941	9077192	9002847	9055993	0.51	cps
Molybdenum	97-1	5166367	5195257	5063788	5141804	1.34	cps
Molybdenum	98-1	13235078	13132745	13051179	13139667	0.70	cps
Neodymium	150-1	273	367	260	300	19.37	cps
Neodymium	150-2	33	33	23	30	19.25	cps
Nickel	60-2	232204	233810	234675	233563	0.54	cps
Phosphorus	31-2	4526	3959	4226	4237	6.69	cps
Potassium	39-2	1919857	1924356	1922016	1922076	0.12	cps
Rhodium	103-1	7270964	7542889	7227542	7347132	2.33	cps
Rhodium	103-2	2073995	2011854	1875185	1987012	5.12	cps
Scandium	45-1	4879470	4999439	4863479	4914129	1.51	cps
Scandium	45-2	42040	40976	37976	40331	5.23	cps
Selenium	77-2	313	253	360	309	17.31	cps
Selenium	78-2	998	1037	1026	1020	1.96	cps
Selenium	82-1	51468	52375	51354	51732	1.08	cps
Silicon	28-1	2147040	2175455	2191155	2171216	1.03	cps
Silver	109-1	3878710	3816872	3858710	3851431	0.82	cps
Silver	107-1	4039077	4032280	4053471	4041609	0.27	cps
Sodium	23-2	15679878	15684933	15755478	15706763	0.27	cps
Strontium	86-1	1039583	1047589	1043544	1043572	0.38	cps
Strontium	88-1	8994969	9017541	8913589	8975366	0.61	cps
Sulfur	34-1	624393	627048	624132	625191	0.26	cps
Terbium	159-1	11141173	11398570	11182422	11240722	1.23	cps
Terbium	159-2	2281558	2186572	2063639	2177256	5.02	cps
Thallium	203-1	3368167	3359233	3367491	3364964	0.15	cps
Thallium	205-1	7942182	7903971	7854261	7900138	0.56	cps
Tin	118-1	2749358	2737409	2775000	2753922	0.70	cps
Titanium	47-1	2214969	2250895	2225972	2230612	0.83	cps
Uranium	238-1	11131865	11077342	11030840	11080016	0.46	cps
Vanadium	51-2	283341	286725	286563	285543	0.67	cps
Yttrium	89-1	8443588	8763180	8404932	8537233	2.30	cps
Yttrium	89-2	279578	271575	253718	268290	4.93	cps
Zinc	66-2	126298	125545	127268	126370	0.68	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:37:55	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5579719	5603864	5654162	5612582	0.68	cps
Zirconium	91-1	1237185	1246120	1246567	1243291	0.43	cps

LB Number : LB97185 Operator : Jaswal
 Lab Sample ID : CCB75 Instrumnet Name : P8
 Client Sample ID : CCB75 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-08 13:44:53 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	33	18	20	57.30	cps
Antimony	121-1	2917	3109	3159	3062	4.17	cps
Arsenic	75-2	4	11	7	7	50.02	cps
Barium	135-1	42	100	42	61	55.11	cps
Barium	137-1	142	100	142	128	18.83	cps
Beryllium	9-1	161	194	183	180	9.45	cps
Bismuth	209-1	7428849	7454946	7413927	7432574	0.28	cps
Bismuth	209-2	1929545	1885452	1933067	1916022	1.38	cps
Boron	10-1	1217	1317	1358	1297	5.61	cps
Boron	11-1	6218	6127	5951	6099	2.22	cps
Cadmium	111-1	1236	1242	1338	1272	4.50	cps
Cadmium	106-1	1734	1767	1892	1797	4.64	cps
Cadmium	108-1	4	17	17	13	57.72	cps
Calcium	43-1	758	567	642	656	14.73	cps
Calcium	44-1	20174	18788	18688	19217	4.32	cps
Chromium	52-2	480	453	493	476	4.28	cps
Cobalt	59-2	47	67	93	69	33.99	cps
Copper	63-2	520	567	473	520	8.97	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	83	58	133	92	41.66	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	11077720	11121772	11045455	11081649	0.35	cps
Holmium	165-2	2352965	2329196	2359794	2347318	0.68	cps
Indium	115-1	8456371	8490727	8417703	8454933	0.43	cps
Indium	115-2	379674	372778	379591	377348	1.05	cps
Iron	56-2	2811	2584	2723	2706	4.24	cps
Iron	57-2	111	56	61	76	40.30	cps
Krypton	83-1	323	297	387	336	13.78	cps
Lead	206-1	483	606	589	559	11.85	cps
Lead	207-1	628	572	511	570	10.23	cps
Lead	208-1	2350	2422	2300	2358	2.61	cps
Lithium	6-1	1665444	1658475	1675888	1666603	0.53	cps
Magnesium	24-2	358	425	358	381	10.11	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:44:53	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	63	77	68	11.36	cps
Molybdenum	94-1	1559	1342	1450	1450	7.47	cps
Molybdenum	95-1	1684	1392	1450	1508	10.23	cps
Molybdenum	96-1	1592	1800	1659	1684	6.32	cps
Molybdenum	97-1	800	925	900	875	7.56	cps
Molybdenum	98-1	2284	2342	2150	2259	4.35	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	127	157	93	126	25.23	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3084	3126	3309	3173	3.77	cps
Rhodium	103-1	7955315	7891549	7865767	7904210	0.58	cps
Rhodium	103-2	2199333	2150791	2203414	2184513	1.34	cps
Scandium	45-1	4950190	5013765	5000943	4988299	0.67	cps
Scandium	45-2	42183	41254	41819	41752	1.12	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	35	44	-46	11	452.12	cps
Silicon	28-1	339389	340978	340684	340350	0.25	cps
Silver	109-1	192	275	142	203	33.22	cps
Silver	107-1	192	208	275	225	19.60	cps
Sodium	23-2	10371	9654	10229	10085	3.77	cps
Strontium	86-1	625	550	583	586	6.41	cps
Strontium	88-1	250	292	192	244	20.55	cps
Sulfur	34-1	370409	372085	374703	372399	0.58	cps
Terbium	159-1	11351180	11440576	11272434	11354730	0.74	cps
Terbium	159-2	2259165	2228914	2273709	2253930	1.01	cps
Thallium	203-1	767	692	683	714	6.43	cps
Thallium	205-1	1850	1592	1567	1670	9.40	cps
Tin	118-1	1525	1734	1617	1625	6.43	cps
Titanium	47-1	200	233	208	214	8.11	cps
Uranium	238-1	92	83	100	92	9.09	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Yttrium	89-1	8667363	8574736	8575818	8605973	0.62	cps
Yttrium	89-2	280502	277972	283711	280728	1.02	cps
Zinc	66-2	183	173	130	162	17.48	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:44:53	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1659	1767	1942	1789	7.99	cps
Zirconium	91-1	417	400	392	403	3.16	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:48:14	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143	138	128	136	5.63	cps
Antimony	121-1	16461	17445	16377	16761	3.54	cps
Arsenic	75-2	106	104	91	100	8.08	cps
Barium	135-1	16770	16770	16578	16706	0.66	cps
Barium	137-1	29367	29901	29208	29492	1.23	cps
Beryllium	9-1	1256	1295	1356	1302	3.87	cps
Bismuth	209-1	7256118	7202730	7240836	7233228	0.38	cps
Bismuth	209-2	1873095	1888520	1903426	1888347	0.80	cps
Boron	10-1	3851	3826	4184	3954	5.06	cps
Boron	11-1	17862	18254	18596	18237	2.01	cps
Cadmium	111-1	3004	2915	3152	3023	3.96	cps
Cadmium	106-1	2234	2000	2084	2106	5.62	cps
Cadmium	108-1	133	146	129	136	6.37	cps
Calcium	43-1	9278	8886	9278	9148	2.47	cps
Calcium	44-1	158182	158055	155367	157202	1.01	cps
Chromium	52-2	2044	1977	2054	2025	2.06	cps
Cobalt	59-2	1763	1710	1637	1703	3.73	cps
Copper	63-2	3020	3360	3277	3219	5.51	cps
Dysprosium	156-1	0	8	42	17	132.30	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	67	92	64	45.81	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	125	67	75	89	35.49	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	10824166	10801817	10816592	10814192	0.11	cps
Holmium	165-2	2327853	2324598	2328261	2326904	0.09	cps
Indium	115-1	8247281	8206798	8295155	8249744	0.54	cps
Indium	115-2	370586	373917	375939	373481	0.72	cps
Iron	56-2	28129	28185	27717	28010	0.91	cps
Iron	57-2	683	822	700	735	10.32	cps
Krypton	83-1	440	363	403	402	9.53	cps
Lead	206-1	6202	5768	5929	5966	3.67	cps
Lead	207-1	5529	5524	5496	5516	0.32	cps
Lead	208-1	25122	24099	24516	24579	2.09	cps
Lithium	6-1	1640475	1613628	1624091	1626065	0.83	cps
Magnesium	24-2	14425	14650	14174	14416	1.65	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:48:14	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267	317	300	294	8.65	cps
Molybdenum	94-1	14842	15718	14633	15065	3.82	cps
Molybdenum	95-1	16177	16260	16436	16291	0.81	cps
Molybdenum	96-1	18363	19423	19573	19120	3.45	cps
Molybdenum	97-1	10538	10705	10138	10460	2.79	cps
Molybdenum	98-1	27529	26894	26535	26986	1.86	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	563	660	493	572	14.63	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	10921	10062	10396	10460	4.14	cps
Rhodium	103-1	7701060	7620079	7696327	7672489	0.59	cps
Rhodium	103-2	2148881	2163792	2180525	2164399	0.73	cps
Scandium	45-1	4808435	4872298	4852934	4844556	0.68	cps
Scandium	45-2	40943	41963	41759	41555	1.30	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	15	13	19	15	18.35	cps
Selenium	82-1	417	463	436	439	5.24	cps
Silicon	28-1	394368	391265	396324	393986	0.65	cps
Silver	109-1	8378	8545	8520	8481	1.06	cps
Silver	107-1	8720	9396	8553	8890	5.02	cps
Sodium	23-2	42631	42189	42314	42378	0.54	cps
Strontium	86-1	2659	2700	2800	2720	2.68	cps
Strontium	88-1	17938	18463	18138	18180	1.46	cps
Sulfur	34-1	372949	375929	376209	375029	0.48	cps
Terbium	159-1	11079964	10922819	11176032	11059605	1.16	cps
Terbium	159-2	2224355	2206207	2295887	2242150	2.11	cps
Thallium	203-1	7202	7428	7369	7333	1.59	cps
Thallium	205-1	17238	17421	16795	17151	1.88	cps
Tin	118-1	31120	27721	27871	28904	6.64	cps
Titanium	47-1	4801	4534	4843	4726	3.54	cps
Uranium	238-1	21728	21553	21645	21642	0.41	cps
Vanadium	51-2	2724	2794	2750	2756	1.28	cps
Yttrium	89-1	8451567	8359516	8526481	8445855	0.99	cps
Yttrium	89-2	275704	278230	279470	277801	0.69	cps
Zinc	66-2	393	353	437	394	10.57	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:48:14	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15576	15518	14458	15184	4.14	cps
Zirconium	91-1	3551	3367	3050	3323	7.62	cps

LB Number : LB97185 Operator : Jaswal
 Lab Sample ID : PB111885BL Instrumnet Name : P8
 Client Sample ID : PB111885BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-08 13:53:56 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	13	18	15	16.67	cps
Antimony	121-1	742	650	842	745	12.88	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	33	75	42	50	44.09	cps
Barium	137-1	133	92	125	117	18.90	cps
Beryllium	9-1	178	122	117	139	24.33	cps
Bismuth	209-1	7261247	7349539	7643504	7418097	2.70	cps
Bismuth	209-2	1913523	2011454	1889421	1938133	3.33	cps
Boron	10-1	858	883	825	856	3.42	cps
Boron	11-1	4126	4468	4176	4256	4.34	cps
Cadmium	111-1	1297	1364	1322	1328	2.55	cps
Cadmium	106-1	1834	1917	1867	1872	2.24	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	650	567	667	628	8.53	cps
Calcium	44-1	17870	18538	17871	18093	2.13	cps
Chromium	52-2	457	390	420	422	7.91	cps
Cobalt	59-2	63	53	70	62	13.48	cps
Copper	63-2	530	517	423	490	11.86	cps
Dysprosium	156-1	0	50	8	19	137.78	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	92	133	108	111	18.88	cps
Gadolinium	160-2	17	20	0	12	87.67	cps
Holmium	165-1	10948781	11019593	11233232	11067202	1.34	cps
Holmium	165-2	2356936	2403885	2357907	2372909	1.13	cps
Indium	115-1	8385603	8422623	8552862	8453696	1.04	cps
Indium	115-2	376333	384095	376900	379109	1.14	cps
Iron	56-2	1934	1806	1550	1763	11.07	cps
Iron	57-2	89	78	72	80	10.66	cps
Krypton	83-1	433	397	347	392	11.09	cps
Lead	206-1	389	339	344	357	7.67	cps
Lead	207-1	300	339	356	331	8.60	cps
Lead	208-1	1495	1611	1495	1533	4.39	cps
Lithium	6-1	1661854	1668217	1717056	1682376	1.80	cps
Magnesium	24-2	383	425	367	392	7.67	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BL	Instrumnet Name :	P8
Client Sample ID :	PB111885BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:53:56	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	100	60	69	40.29	cps
Molybdenum	94-1	525	542	558	542	3.08	cps
Molybdenum	95-1	433	500	392	442	12.37	cps
Molybdenum	96-1	608	558	542	569	6.09	cps
Molybdenum	97-1	425	225	325	325	30.77	cps
Molybdenum	98-1	783	583	783	717	16.11	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	137	170	146	14.72	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3125	3025	3142	3098	2.04	cps
Rhodium	103-1	7793042	7788702	8119576	7900440	2.40	cps
Rhodium	103-2	2191509	2246228	2192452	2210063	1.42	cps
Scandium	45-1	4879020	4934403	5087918	4967114	2.18	cps
Scandium	45-2	41785	43537	41347	42223	2.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-64	-51	-28	-48	-38.16	cps
Silicon	28-1	338806	337622	340897	339109	0.49	cps
Silver	109-1	50	133	158	114	49.81	cps
Silver	107-1	100	142	117	119	17.56	cps
Sodium	23-2	9353	9303	9087	9248	1.53	cps
Strontium	86-1	592	600	567	586	2.96	cps
Strontium	88-1	208	125	283	206	38.53	cps
Sulfur	34-1	377890	378459	378115	378154	0.08	cps
Terbium	159-1	11113223	11219064	11587245	11306511	2.20	cps
Terbium	159-2	2268836	2330395	2257394	2285542	1.72	cps
Thallium	203-1	408	500	508	472	11.75	cps
Thallium	205-1	1167	900	1225	1097	15.79	cps
Tin	118-1	825	875	792	831	5.05	cps
Titanium	47-1	175	183	133	164	16.34	cps
Uranium	238-1	8	58	50	39	68.89	cps
Vanadium	51-2	0	10	0	3	173.21	cps
Yttrium	89-1	8537221	8566474	8761552	8621749	1.41	cps
Yttrium	89-2	279340	286733	282103	282725	1.32	cps
Zinc	66-2	93	103	107	101	6.86	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BL	Instrumnet Name :	P8
Client Sample ID :	PB111885BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:53:56	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	933	1108	917	986	10.77	cps
Zirconium	91-1	183	183	175	181	2.66	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BS	Instrumnet Name :	P8
Client Sample ID :	PB111885BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:57:17	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59375	61042	59978	60132	1.40	cps
Antimony	121-1	4117818	4108483	4167573	4131291	0.77	cps
Arsenic	75-2	46292	47463	46690	46815	1.27	cps
Barium	135-1	4353798	4356833	4366853	4359161	0.16	cps
Barium	137-1	7448989	7492062	7555917	7498989	0.72	cps
Beryllium	9-1	558028	559010	556528	557855	0.22	cps
Bismuth	209-1	7235382	7159158	7495431	7296657	2.42	cps
Bismuth	209-2	1866580	1745410	1872648	1828212	3.93	cps
Boron	10-1	60378	61952	63767	62032	2.73	cps
Boron	11-1	284391	296345	300390	293709	2.83	cps
Cadmium	111-1	858444	860352	861354	860050	0.17	cps
Cadmium	106-1	91501	93054	91644	92067	0.93	cps
Cadmium	108-1	60782	61703	61398	61294	0.77	cps
Calcium	43-1	870225	884073	879567	877955	0.80	cps
Calcium	44-1	14430902	14579368	14311413	14440561	0.93	cps
Chromium	52-2	381418	386417	384086	383974	0.65	cps
Cobalt	59-2	810979	820638	810043	813887	0.72	cps
Copper	63-2	1379290	1393620	1378494	1383801	0.62	cps
Dysprosium	156-1	58	75	50	61	20.83	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	117	108	92	106	12.06	cps
Gadolinium	160-2	10	17	0	9	94.38	cps
Holmium	165-1	11068942	11046473	11305882	11140432	1.29	cps
Holmium	165-2	2361117	2184942	2363810	2303290	4.45	cps
Indium	115-1	8263489	8260382	8351439	8291770	0.62	cps
Indium	115-2	364974	344370	364759	358034	3.31	cps
Iron	56-2	12941701	12947913	12926471	12938695	0.09	cps
Iron	57-2	323944	325256	320526	323242	0.76	cps
Krypton	83-1	380	350	320	350	8.57	cps
Lead	206-1	2784773	2826326	2788107	2799735	0.82	cps
Lead	207-1	2565890	2593424	2574178	2577830	0.55	cps
Lead	208-1	11457028	11514761	11428027	11466605	0.39	cps
Lithium	6-1	1663036	1641919	1658450	1654468	0.67	cps
Magnesium	24-2	1501630	1499996	1491341	1497656	0.37	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BS	Instrumnet Name :	P8
Client Sample ID :	PB111885BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:57:17	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	220026	222693	219686	220801	0.75	cps
Molybdenum	94-1	6684132	6739056	6740583	6721257	0.48	cps
Molybdenum	95-1	8208829	8215208	8202095	8208711	0.08	cps
Molybdenum	96-1	9188650	9182569	9145792	9172337	0.25	cps
Molybdenum	97-1	5191487	5180792	5211157	5194479	0.30	cps
Molybdenum	98-1	13285401	13200629	13368475	13284835	0.63	cps
Neodymium	150-1	213	213	240	222	6.93	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	238165	238664	235972	237600	0.60	cps
Phosphorus	31-2	4259	4084	4451	4265	4.30	cps
Potassium	39-2	384827	391958	390278	389021	0.96	cps
Rhodium	103-1	7645903	7543780	7767281	7652321	1.46	cps
Rhodium	103-2	2135953	2009444	2113471	2086289	3.24	cps
Scandium	45-1	4987713	4860071	5025848	4957877	1.75	cps
Scandium	45-2	41993	38156	42086	40745	5.50	cps
Selenium	77-2	290	327	310	309	5.94	cps
Selenium	78-2	1124	1115	1104	1114	0.92	cps
Selenium	82-1	53313	53790	53227	53443	0.57	cps
Silicon	28-1	2043631	2084768	2111039	2079813	1.63	cps
Silver	109-1	4046902	4047700	4065065	4053222	0.25	cps
Silver	107-1	4226088	4272105	4276319	4258171	0.65	cps
Sodium	23-2	3337524	3293276	3272204	3301001	1.01	cps
Strontium	86-1	1040048	1044021	1033742	1039270	0.50	cps
Strontium	88-1	9026365	9059882	8950968	9012405	0.62	cps
Sulfur	34-1	642251	644322	643724	643432	0.17	cps
Terbium	159-1	11352921	11338335	11586661	11425972	1.22	cps
Terbium	159-2	2244546	2139160	2245194	2209633	2.76	cps
Thallium	203-1	3443007	3457642	3482519	3461056	0.58	cps
Thallium	205-1	8154153	8075612	8170302	8133356	0.62	cps
Tin	118-1	2767347	2798643	2775320	2780437	0.58	cps
Titanium	47-1	2275277	2265551	2254828	2265219	0.45	cps
Uranium	238-1	10957752	11168136	10984740	11036876	1.04	cps
Vanadium	51-2	284114	288514	286542	286390	0.77	cps
Yttrium	89-1	8597532	8569868	8725089	8630830	0.96	cps
Yttrium	89-2	279402	262136	278645	273394	3.57	cps
Zinc	66-2	124146	125336	125041	124841	0.50	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	PB111885BS	Instrumnet Name :	P8
Client Sample ID :	PB111885BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 13:57:17	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5670301	5741223	5617591	5676371	1.09	cps
Zirconium	91-1	1246571	1256596	1240075	1247748	0.67	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:00:29	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	660	670	620	650	4.07	cps
Antimony	121-1	24089	23004	22770	23288	3.02	cps
Arsenic	75-2	980	898	1011	963	6.05	cps
Barium	135-1	408656	417619	416175	414150	1.16	cps
Barium	137-1	712418	727910	732566	724298	1.46	cps
Beryllium	9-1	339	350	228	306	22.12	cps
Bismuth	209-1	7260736	7295048	7350803	7302196	0.62	cps
Bismuth	209-2	1620657	1666905	1641171	1642911	1.41	cps
Boron	10-1	33548	32964	32931	33148	1.05	cps
Boron	11-1	155972	158407	156098	156826	0.87	cps
Cadmium	111-1	1541	1621	1477	1547	4.68	cps
Cadmium	106-1	1575	1900	1734	1736	9.36	cps
Cadmium	108-1	46	54	58	53	12.06	cps
Calcium	43-1	1922820	1914424	1917520	1918255	0.22	cps
Calcium	44-1	30926520	30900120	30904874	30910505	0.05	cps
Chromium	52-2	67207	66822	67227	67085	0.34	cps
Cobalt	59-2	3360	3077	3027	3155	5.70	cps
Copper	63-2	8129	8156	8653	8313	3.55	cps
Dysprosium	156-1	425	383	325	378	13.30	cps
Dysprosium	156-2	67	77	37	60	34.69	cps
Erbium	164-1	308	250	333	297	14.39	cps
Erbium	164-2	63	43	43	50	23.10	cps
Gadolinium	160-1	333	350	458	381	17.84	cps
Gadolinium	160-2	50	80	107	79	35.94	cps
Holmium	165-1	10495127	10636509	10736543	10622727	1.14	cps
Holmium	165-2	2022663	2048064	2083680	2051469	1.49	cps
Indium	115-1	7798174	7850446	7849903	7832841	0.38	cps
Indium	115-2	308192	308697	310069	308986	0.31	cps
Iron	56-2	798197	788458	782741	789799	0.99	cps
Iron	57-2	20616	20210	20009	20278	1.52	cps
Krypton	83-1	470	477	480	476	1.07	cps
Lead	206-1	4573	4534	3917	4342	8.47	cps
Lead	207-1	4284	3895	3412	3864	11.31	cps
Lead	208-1	19340	17339	15182	17287	12.03	cps
Lithium	6-1	2013998	2125883	2180727	2106869	4.03	cps
Magnesium	24-2	403902	401603	391229	398911	1.69	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:00:29	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	121559	120686	120030	120759	0.64	cps
Molybdenum	94-1	66983	68129	66765	67292	1.09	cps
Molybdenum	95-1	111505	110256	114152	111971	1.78	cps
Molybdenum	96-1	120143	120946	118682	119924	0.96	cps
Molybdenum	97-1	70216	71062	71262	70847	0.78	cps
Molybdenum	98-1	179482	179499	178825	179269	0.21	cps
Neodymium	150-1	473	473	453	467	2.48	cps
Neodymium	150-2	53	63	83	67	22.92	cps
Nickel	60-2	12369	12372	12146	12296	1.06	cps
Phosphorus	31-2	75	8	58	47	73.48	cps
Potassium	39-2	28505	26760	28121	27795	3.30	cps
Rhodium	103-1	7078072	7077078	7115134	7090094	0.31	cps
Rhodium	103-2	1868475	1866159	1881729	1872121	0.45	cps
Scandium	45-1	4422477	4426572	4377681	4408910	0.62	cps
Scandium	45-2	32524	32190	32007	32240	0.81	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	31	28	6	22	61.70	cps
Silicon	28-1	31018939	30709895	30315820	30681552	1.15	cps
Silver	109-1	12198	10229	9896	10774	11.55	cps
Silver	107-1	12398	11138	10213	11250	9.75	cps
Sodium	23-2	2068846	2020262	1977554	2022221	2.26	cps
Strontium	86-1	1412739	1435396	1413253	1420463	0.91	cps
Strontium	88-1	12149924	12379679	12259149	12262917	0.94	cps
Sulfur	34-1	693853	679393	676390	683212	1.37	cps
Terbium	159-1	10623047	10834136	10904740	10787308	1.36	cps
Terbium	159-2	1940500	1978472	2009272	1976081	1.74	cps
Thallium	203-1	8353	5860	4293	6169	33.20	cps
Thallium	205-1	19841	15235	10755	15277	29.74	cps
Tin	118-1	27387	27011	26753	27050	1.18	cps
Titanium	47-1	1942	2150	2092	2061	5.21	cps
Uranium	238-1	19015	19575	18848	19146	1.99	cps
Vanadium	51-2	847	977	830	884	9.08	cps
Yttrium	89-1	7918482	7899032	7939922	7919145	0.26	cps
Yttrium	89-2	229774	229748	231580	230367	0.46	cps
Zinc	66-2	3050	2894	2877	2940	3.25	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:00:29	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9045	8403	7678	8375	8.17	cps
Zirconium	91-1	2125	1650	1675	1817	14.72	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:03:49	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	190	208	206	7.32	cps
Antimony	121-1	14358	15067	16110	15179	5.81	cps
Arsenic	75-2	541	506	533	527	3.52	cps
Barium	135-1	413620	417177	416698	415832	0.46	cps
Barium	137-1	725515	726629	733702	728615	0.61	cps
Beryllium	9-1	250	244	239	244	2.27	cps
Bismuth	209-1	7307812	7359645	7358914	7342124	0.40	cps
Bismuth	209-2	1594871	1583971	1602218	1593687	0.58	cps
Boron	10-1	30533	31485	30801	30940	1.59	cps
Boron	11-1	143318	145657	147402	145459	1.41	cps
Cadmium	111-1	1165	1323	1283	1257	6.56	cps
Cadmium	106-1	1517	1634	1608	1586	3.87	cps
Cadmium	108-1	38	17	50	35	48.49	cps
Calcium	43-1	1861086	1868844	1862121	1864017	0.23	cps
Calcium	44-1	29805995	30037543	29800427	29881322	0.45	cps
Chromium	52-2	22168	22098	21026	21764	2.94	cps
Cobalt	59-2	2384	2334	2470	2396	2.89	cps
Copper	63-2	7852	8446	8723	8340	5.33	cps
Dysprosium	156-1	167	175	192	178	7.16	cps
Dysprosium	156-2	23	30	27	27	12.51	cps
Erbium	164-1	108	167	133	136	21.50	cps
Erbium	164-2	37	30	27	31	16.37	cps
Gadolinium	160-1	175	175	133	161	14.93	cps
Gadolinium	160-2	47	30	30	36	27.07	cps
Holmium	165-1	10713439	10859572	10880377	10817796	0.84	cps
Holmium	165-2	2032372	2002048	2029923	2021448	0.83	cps
Indium	115-1	7833873	7886861	7857321	7859352	0.34	cps
Indium	115-2	298516	298828	299636	298993	0.19	cps
Iron	56-2	402984	404844	405859	404562	0.36	cps
Iron	57-2	10588	10310	9909	10269	3.32	cps
Krypton	83-1	427	357	413	399	9.32	cps
Lead	206-1	2273	2356	1911	2180	10.84	cps
Lead	207-1	1939	1928	2000	1956	1.99	cps
Lead	208-1	8835	9040	8613	8829	2.42	cps
Lithium	6-1	2402601	2471715	2499272	2457863	2.03	cps
Magnesium	24-2	381470	378480	374588	378179	0.91	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:03:49	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	115186	114538	114343	114689	0.38	cps
Molybdenum	94-1	63407	63055	62160	62874	1.02	cps
Molybdenum	95-1	106449	107532	108515	107498	0.96	cps
Molybdenum	96-1	115262	116532	117665	116486	1.03	cps
Molybdenum	97-1	67653	69303	66975	67977	1.76	cps
Molybdenum	98-1	173128	171633	173784	172849	0.64	cps
Neodymium	150-1	173	140	207	173	19.23	cps
Neodymium	150-2	23	17	23	21	18.21	cps
Nickel	60-2	5294	5428	5091	5271	3.22	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	25365	25516	24931	25271	1.20	cps
Rhodium	103-1	7075565	7129345	7119754	7108221	0.40	cps
Rhodium	103-2	1836389	1843557	1866631	1848859	0.85	cps
Scandium	45-1	4247379	4275131	4264671	4262394	0.33	cps
Scandium	45-2	30490	30390	30801	30560	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	41	78	30	50	50.54	cps
Silicon	28-1	28813500	28717465	28627226	28719397	0.32	cps
Silver	109-1	3676	3634	3359	3556	4.84	cps
Silver	107-1	3617	3809	3576	3667	3.39	cps
Sodium	23-2	1935959	1921617	1910062	1922546	0.67	cps
Strontium	86-1	1415768	1417872	1442730	1425457	1.05	cps
Strontium	88-1	12256387	12281499	12247063	12261650	0.15	cps
Sulfur	34-1	652117	646557	647668	648780	0.45	cps
Terbium	159-1	10752027	11040380	11041354	10944587	1.52	cps
Terbium	159-2	1959493	1943665	1948028	1950395	0.42	cps
Thallium	203-1	850	1133	808	931	19.01	cps
Thallium	205-1	2567	2359	2042	2323	11.38	cps
Tin	118-1	19265	20683	20567	20172	3.90	cps
Titanium	47-1	1258	1183	1000	1147	11.59	cps
Uranium	238-1	18823	19124	19683	19210	2.27	cps
Vanadium	51-2	477	497	513	496	3.70	cps
Yttrium	89-1	7829795	7941161	7928997	7899985	0.77	cps
Yttrium	89-2	219620	218433	219871	219308	0.35	cps
Zinc	66-2	2254	2337	2310	2300	1.85	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:03:49	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4534	4159	4176	4290	4.94	cps
Zirconium	91-1	1092	850	942	961	12.69	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:12:31	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275559	272020	272317	273299	0.72	cps
Antimony	121-1	3978559	3931490	3921782	3943944	0.77	cps
Arsenic	75-2	42307	41986	42549	42280	0.67	cps
Barium	135-1	4237422	4232034	4229670	4233042	0.09	cps
Barium	137-1	7324147	7335951	7266295	7308798	0.51	cps
Beryllium	9-1	525326	524298	526078	525234	0.17	cps
Bismuth	209-1	7033677	7197531	7159483	7130230	1.20	cps
Bismuth	209-2	1728052	1649854	1766404	1714770	3.46	cps
Boron	10-1	58872	59859	61014	59915	1.79	cps
Boron	11-1	277903	283426	292407	284578	2.57	cps
Cadmium	111-1	816663	811141	813237	813680	0.34	cps
Cadmium	106-1	87190	87223	88247	87553	0.69	cps
Cadmium	108-1	58706	58003	57853	58187	0.78	cps
Calcium	43-1	4176347	4162421	4130338	4156369	0.57	cps
Calcium	44-1	67666410	68249120	67475449	67796993	0.59	cps
Chromium	52-2	358998	357312	358786	358365	0.26	cps
Cobalt	59-2	746210	744579	739676	743488	0.46	cps
Copper	63-2	1246920	1242048	1232283	1240417	0.60	cps
Dysprosium	156-1	200	192	125	172	23.87	cps
Dysprosium	156-2	30	47	10	29	63.55	cps
Erbium	164-1	92	67	100	86	20.15	cps
Erbium	164-2	13	27	17	19	36.75	cps
Gadolinium	160-1	200	125	158	161	23.32	cps
Gadolinium	160-2	47	33	27	36	28.64	cps
Holmium	165-1	11050697	11317746	11115314	11161253	1.25	cps
Holmium	165-2	2260122	2232109	2295533	2262588	1.40	cps
Indium	115-1	7870496	8025048	7928567	7941371	0.98	cps
Indium	115-2	339806	330536	343665	338002	2.00	cps
Iron	56-2	58966335	58643697	58492768	58700933	0.41	cps
Iron	57-2	1509537	1513388	1484429	1502451	1.05	cps
Krypton	83-1	327	380	363	357	7.65	cps
Lead	206-1	2794205	2754935	2765395	2771512	0.73	cps
Lead	207-1	2622193	2556774	2540352	2573106	1.68	cps
Lead	208-1	11492901	11344378	11317197	11384825	0.83	cps
Lithium	6-1	1596790	1626339	1594229	1605786	1.11	cps
Magnesium	24-2	6394248	6339534	6314746	6349509	0.64	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:12:31	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	199401	197459	196940	197933	0.66	cps
Molybdenum	94-1	6595691	6483284	6641755	6573576	1.24	cps
Molybdenum	95-1	8071966	7971493	8075633	8039697	0.74	cps
Molybdenum	96-1	8996204	8948953	8990735	8978631	0.29	cps
Molybdenum	97-1	5109883	5057218	5120282	5095794	0.66	cps
Molybdenum	98-1	13118558	13037797	12881735	13012697	0.93	cps
Neodymium	150-1	407	420	573	467	19.85	cps
Neodymium	150-2	23	20	30	24	20.83	cps
Nickel	60-2	219213	217481	218957	218550	0.43	cps
Phosphorus	31-2	3801	3292	3542	3545	7.17	cps
Potassium	39-2	1740934	1704475	1715702	1720370	1.09	cps
Rhodium	103-1	7239972	7333859	7224693	7266175	0.81	cps
Rhodium	103-2	1974274	1925484	2029312	1976357	2.63	cps
Scandium	45-1	4605842	4846187	4717620	4723216	2.55	cps
Scandium	45-2	36945	37022	38276	37414	2.00	cps
Selenium	77-2	240	273	333	282	16.76	cps
Selenium	78-2	982	941	970	964	2.18	cps
Selenium	82-1	50589	51086	50543	50739	0.59	cps
Silicon	28-1	2037093	2048760	2064320	2050058	0.67	cps
Silver	109-1	3824330	3845314	3815527	3828391	0.40	cps
Silver	107-1	4015861	4013486	4040161	4023169	0.37	cps
Sodium	23-2	14340543	14065140	14218825	14208169	0.97	cps
Strontium	86-1	1012857	1015988	1025831	1018225	0.66	cps
Strontium	88-1	8776020	8749847	8825445	8783771	0.44	cps
Sulfur	34-1	609028	611112	602858	607666	0.71	cps
Terbium	159-1	11110390	11428974	11292631	11277332	1.42	cps
Terbium	159-2	2175516	2119456	2226313	2173762	2.46	cps
Thallium	203-1	3413553	3408976	3412337	3411622	0.07	cps
Thallium	205-1	8024947	8042764	8044629	8037447	0.14	cps
Tin	118-1	2731252	2697519	2709362	2712711	0.63	cps
Titanium	47-1	2173961	2164269	2173944	2170724	0.26	cps
Uranium	238-1	11545617	11266726	11406199	11406181	1.22	cps
Vanadium	51-2	264332	261408	260508	262083	0.76	cps
Yttrium	89-1	8310851	8449119	8372957	8377642	0.83	cps
Yttrium	89-2	259475	251972	266736	259394	2.85	cps
Zinc	66-2	120171	118571	117842	118861	1.00	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:12:31	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5608060	5544267	5542878	5565069	0.67	cps
Zirconium	91-1	1221301	1213208	1233010	1222506	0.81	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:18:58	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	20	23	20	12.52	cps
Antimony	121-1	3342	3142	3075	3187	4.36	cps
Arsenic	75-2	2	4	7	4	65.54	cps
Barium	135-1	100	58	150	103	44.65	cps
Barium	137-1	92	158	150	133	27.24	cps
Beryllium	9-1	217	306	256	259	17.19	cps
Bismuth	209-1	7184941	7658322	7490697	7444653	3.22	cps
Bismuth	209-2	1956688	1967012	1925051	1949584	1.12	cps
Boron	10-1	1834	1692	1609	1711	6.65	cps
Boron	11-1	7611	8711	7936	8086	6.99	cps
Cadmium	111-1	1214	1449	1329	1331	8.85	cps
Cadmium	106-1	1675	2034	1884	1864	9.66	cps
Cadmium	108-1	13	17	33	21	52.90	cps
Calcium	43-1	658	625	550	611	9.08	cps
Calcium	44-1	17545	16961	19174	17893	6.41	cps
Chromium	52-2	420	367	453	413	10.58	cps
Cobalt	59-2	63	40	93	66	40.79	cps
Copper	63-2	663	600	707	657	8.17	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	33	33	25	57.74	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	20	3	17	13	66.16	cps
Holmium	165-1	10723694	11322682	11167323	11071233	2.81	cps
Holmium	165-2	2378700	2347679	2358645	2361675	0.67	cps
Indium	115-1	7984357	8583582	8451761	8339900	3.78	cps
Indium	115-2	367726	363895	364662	365428	0.55	cps
Iron	56-2	1922	1956	1967	1948	1.19	cps
Iron	57-2	72	78	56	69	16.88	cps
Krypton	83-1	400	473	393	422	10.51	cps
Lead	206-1	444	500	472	472	5.88	cps
Lead	207-1	344	367	356	356	3.13	cps
Lead	208-1	1689	1856	2033	1859	9.27	cps
Lithium	6-1	1583338	1687009	1687769	1652705	3.63	cps
Magnesium	24-2	225	308	342	292	20.60	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:18:58	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173	140	150	154	11.08	cps
Molybdenum	94-1	1200	1283	1233	1239	3.39	cps
Molybdenum	95-1	1508	1242	1267	1339	11.00	cps
Molybdenum	96-1	1492	1350	1525	1456	6.38	cps
Molybdenum	97-1	692	850	725	756	11.05	cps
Molybdenum	98-1	2100	1842	1992	1978	6.56	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	117	117	119	3.24	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2525	2592	2434	2517	3.16	cps
Rhodium	103-1	7515668	7916015	7753970	7728551	2.61	cps
Rhodium	103-2	2172140	2180536	2159666	2170781	0.48	cps
Scandium	45-1	4561326	4910951	4805538	4759272	3.77	cps
Scandium	45-2	40074	38870	38516	39153	2.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-22	-93	-23	-46	-88.30	cps
Silicon	28-1	318208	311979	316583	315590	1.02	cps
Silver	109-1	542	333	483	453	23.74	cps
Silver	107-1	700	517	558	592	16.24	cps
Sodium	23-2	7060	7619	7552	7411	4.12	cps
Strontium	86-1	583	733	617	644	12.22	cps
Strontium	88-1	258	300	826	461	68.53	cps
Sulfur	34-1	350634	349657	354343	351545	0.70	cps
Terbium	159-1	10855447	11557716	11537714	11316959	3.53	cps
Terbium	159-2	2275456	2257342	2258901	2263900	0.44	cps
Thallium	203-1	450	500	583	511	13.18	cps
Thallium	205-1	1208	1108	1342	1220	9.60	cps
Tin	118-1	1233	1167	1392	1264	9.14	cps
Titanium	47-1	150	150	333	211	50.14	cps
Uranium	238-1	125	92	158	125	26.67	cps
Vanadium	51-2	3	10	13	9	57.30	cps
Yttrium	89-1	8120934	8725119	8465565	8437206	3.59	cps
Yttrium	89-2	273387	267612	267796	269598	1.22	cps
Zinc	66-2	210	180	197	196	7.69	cps

LB Number :	LB97185	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-08-08 14:18:58	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1483	1567	1442	1497	4.25	cps
Zirconium	91-1	367	342	350	353	3.61	cps