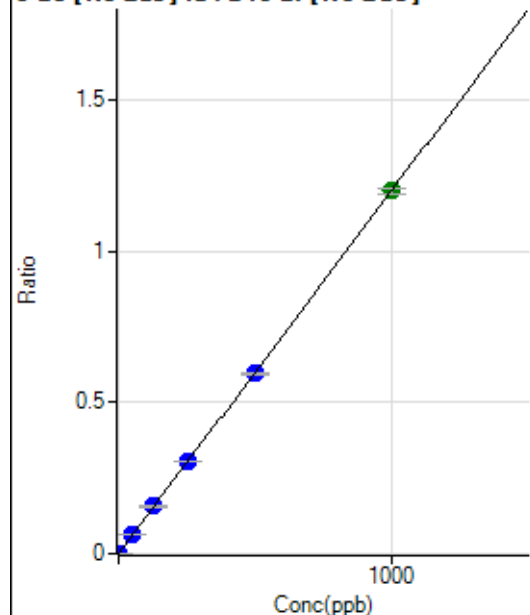


Batch Folder: D:\P8060718 MS.b\
Analysis File: P8060718 MS.batch.bin
DA Date-Time: 2018-06-07 13:57:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-06-07 12:16:01
2			
3	005CALS.d	S02	2018-06-07 12:23:33
4	006CALS.d	S03	2018-06-07 12:27:18
5	007CALS.d	S04	2018-06-07 12:31:01
6	008CALS.d	S05	2018-06-07 12:34:39
7	009CALS.d	S06	2018-06-07 12:38:11
8	010CALS.d	S07	2018-06-07 12:41:38
9	011CALS.d	S08	2018-06-07 12:44:59

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.41	0.0001	P	5.2
2	☐	0.100					
3	☐	1.000	0.932	1222.31	0.0012	P	4.6
4	☐	50.000	52.138	65032.13	0.0626	P	2.2
5	☐	125.000	130.823	163681.19	0.1571	P	2.3
6	☐	250.000	254.786	325421.00	0.3059	P	1.0
7	☐	500.000	496.233	636667.51	0.5957	P	1.2
8	☐	1000.000	999.852	1266110.16	1.2002	A	1.4
9	☐			305.57	0.0003	P	6.3

$$y = 0.0012 * x + 5.5964E-005$$

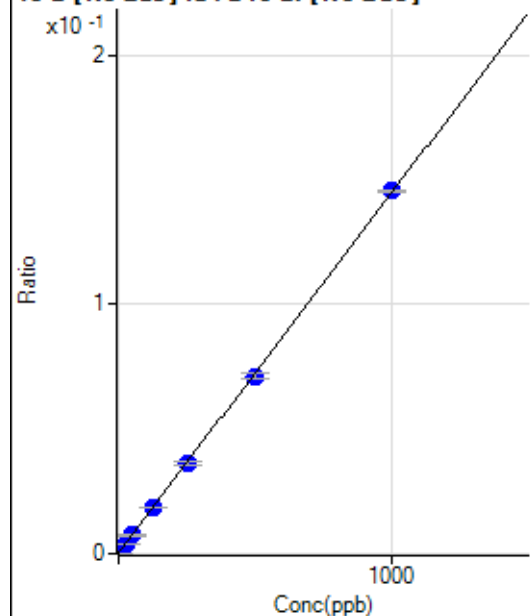
$$R = 1.0000$$

$$DL = 0.007324$$

$$BEC = 0.04663$$

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	313.91	0.0003	P	20.2
2	☐	2.500					
3	☐	25.000	23.569	3856.24	0.0037	P	5.6
4	☐	50.000	49.458	7732.97	0.0074	P	3.5
5	☐	125.000	124.129	18999.37	0.0182	P	0.6
6	☐	250.000	248.284	38455.33	0.0361	P	2.6
7	☐	500.000	490.226	75951.22	0.0711	P	3.1
8	☐	1000.000	1005.488	153451.77	0.1455	P	0.8
9	☐			6054.30	0.0059	P	14.0

$$y = 1.4436E-004 * x + 3.0619E-004$$

$$R = 0.9999$$

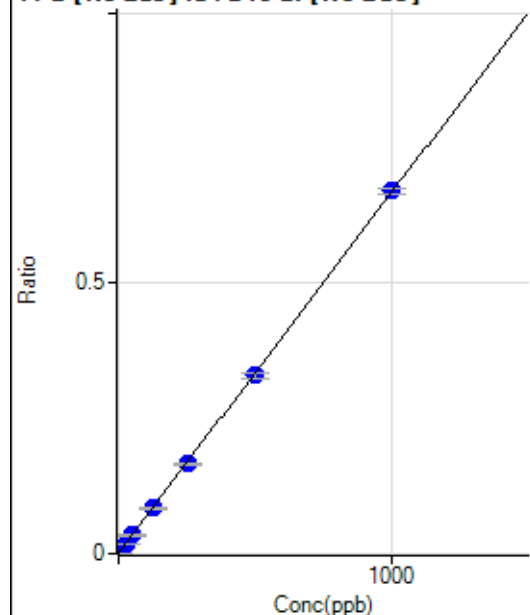
$$DL = 1.288$$

$$BEC = 2.121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1644.62	0.0016	P	1.1
2	☐	2.500					
3	☐	25.000	22.913	17528.00	0.0169	P	4.1
4	☐	50.000	48.851	35433.77	0.0341	P	2.4
5	☐	125.000	124.332	87910.57	0.0844	P	2.4
6	☐	250.000	247.687	177102.61	0.1665	P	2.5
7	☐	500.000	491.556	351355.41	0.3288	P	3.2
8	☐	1000.000	1004.993	707417.02	0.6705	P	1.4
9	☐			27488.44	0.0266	P	9.5

$$y = 6.6561E-004 * x + 0.0016$$

$$R = 0.9999$$

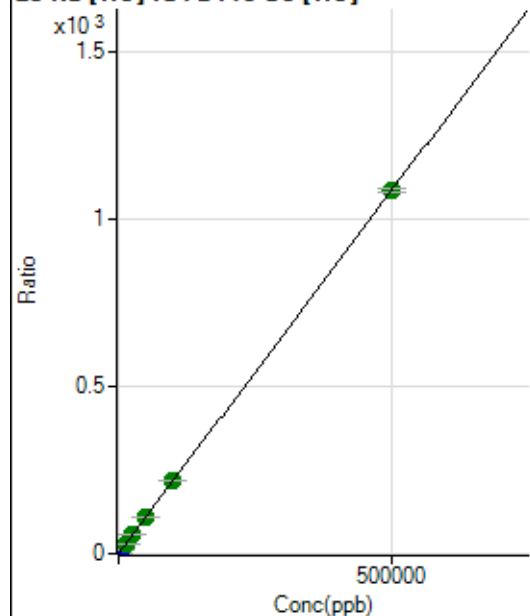
$$DL = 0.07767$$

$$BEC = 2.409$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7646.81	0.1697	P	3.0
2	☐	50.000					
3	☐	500.000	502.999	57843.32	1.2592	P	2.3
4	☐	5000.000	5190.108	534562.10	11.4118	P	0.5
5	☐	12500.000	13390.043	1342601.61	29.1735	A	1.7
6	☐	25000.000	27146.060	2663783.44	58.9700	A	1.8
7	☐	50000.000	50574.809	5069139.18	109.7184	A	0.8
8	☐	100000.00	100648.88	10078762.29	218.1825	A	1.1
9	☐	500000.00	499681.28	48994774.01	1,082.516	A	1.1

$$y = 0.0022 * x + 0.1697$$

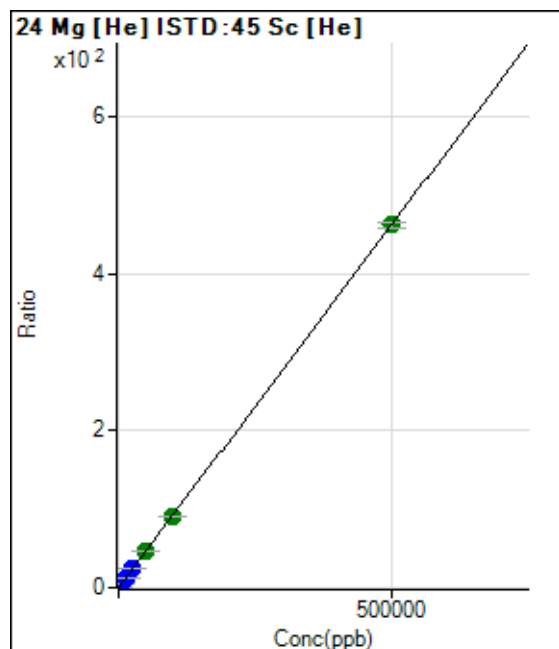
$$R = 1.0000$$

$$DL = 6.993$$

$$BEC = 78.33$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.35	0.0057	P	10.2
2	☐	50.000					
3	☐	500.000	488.231	20977.34	0.4566	P	1.5
4	☐	5000.000	5157.620	223377.20	4.7686	P	0.3
5	☐	12500.000	12831.835	545629.03	11.8553	P	0.2
6	☐	25000.000	26108.226	1089276.97	24.1155	P	2.1
7	☐	50000.000	50425.470	2151709.36	46.5713	A	0.4
8	☐	100000.00	98912.068	4219961.03	91.3465	A	0.2
9	☐	500000.00	500109.76	20901948.04	461.8340	A	1.6

$$y = 9.2345\text{E-}004 * x + 0.0057$$

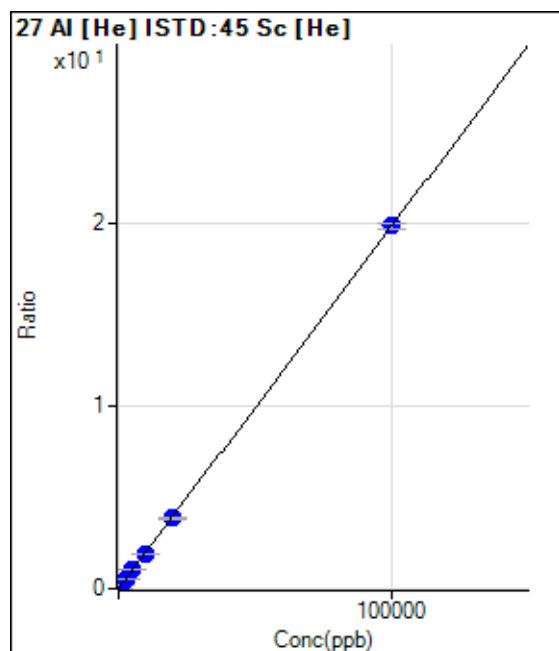
$$R = 1.0000$$

$$DL = 1.896$$

$$BEC = 6.202$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0007	P	30.4
2	☐	2.000					
3	☐	20.000	17.095	186.12	0.0041	P	23.8
4	☐	1000.000	993.140	9239.48	0.1972	P	4.3
5	☐	2500.000	2515.283	22941.76	0.4985	P	3.3
6	☐	5000.000	5123.720	45844.68	1.0148	P	1.3
7	☐	10000.000	9631.225	88103.77	1.9070	P	1.8
8	☐	20000.000	19434.567	177729.59	3.8474	P	0.8
9	☐	100000.00	100143.46	897132.93	19.8221	P	1.4

$$y = 1.9793\text{E-}004 * x + 6.7658\text{E-}004$$

$$R = 1.0000$$

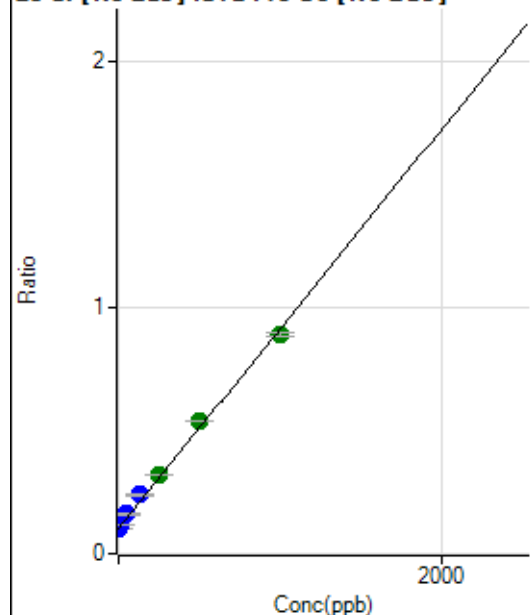
$$DL = 3.122$$

$$BEC = 3.418$$

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	403891.42	0.1031	P	0.3
2	☐	1.000					
3	☐	10.000	16.442	461996.10	0.1165	P	0.6
4	☐	50.000	71.316	630972.47	0.1610	P	2.6
5	☐	125.000	169.187	962338.18	0.2405	P	2.3
6	☐	250.000	267.103	1298225.66	0.3200	A	0.4
7	☐	500.000	534.951	2186384.51	0.5374	A	1.0
8	☐	1000.000	971.595	3642628.42	0.8919	A	2.0
9	☐			597245.15	0.1465	P	1.6

$$y = 8.1179\text{E-}004 * x + 0.1031$$

$$R = 0.9983$$

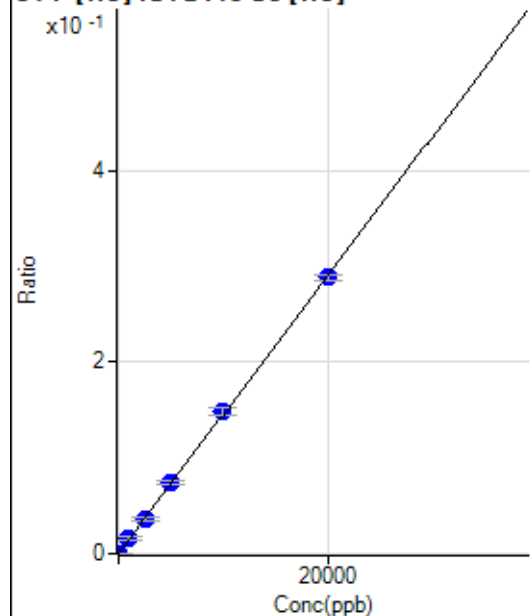
$$DL = 1.312$$

$$BEC = 127.1$$

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	-2.049	5.55	0.0001	P	86.6
2	☐	0.000					
3	☐	0.000	2.049	8.33	0.0002	P	173.
4	☐	1000.000	1104.895	758.39	0.0162	P	16.3
5	☐	2500.000	2484.766	1666.84	0.0362	P	6.9
6	☐	5000.000	5106.434	3356.08	0.0743	P	7.4
7	☐	10000.000	10223.445	6863.06	0.1485	P	6.1
8	☐	20000.000	19858.328	13323.45	0.2884	P	2.0
9	☐			16.67	0.0004	P	85.8

$$y = 1.4514\text{E-}005 * x + 1.5362\text{E-}004$$

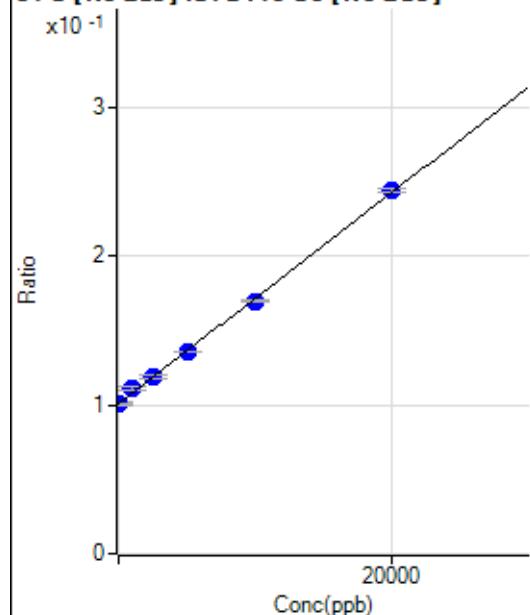
$$R = 0.9999$$

$$DL = 43.91$$

$$BEC = 10.58$$

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	43.233	395816.75	0.1011	P	0.7
2	☐	0.000					
3	☐	0.000	-43.233	398448.32	0.1005	P	0.9
4	☐	1000.000	1491.748	436314.54	0.1113	P	1.9
5	☐	2500.000	2590.995	476767.81	0.1191	P	1.8
6	☐	5000.000	4852.561	548380.56	0.1352	P	0.2
7	☐	10000.000	9694.954	689466.18	0.1695	P	0.9
8	☐	20000.000	20153.421	994885.62	0.2436	P	1.1
9	☐			387474.25	0.0950	P	1.8

$$y = 7.0859\text{E-}006 * x + 0.1008$$

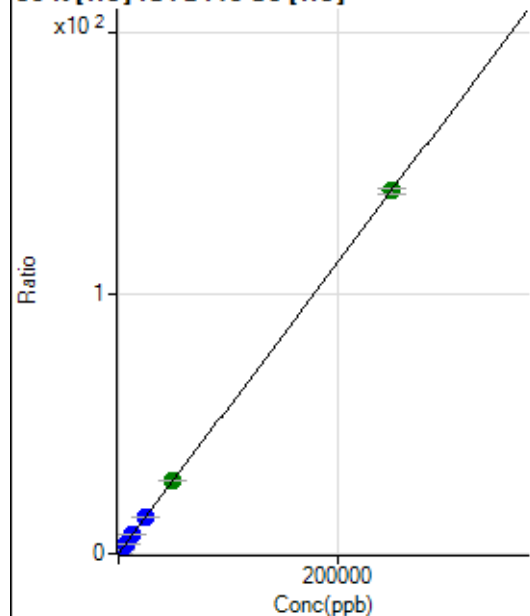
$$R = 0.9994$$

$$DL = 338.4$$

$$BEC = 1.422\text{E}+04$$

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	4073.00	0.0904	P	4.4
2	☐	50.000					
3	☐	500.000	481.058	16465.81	0.3585	P	2.8
4	☐	2500.000	2591.397	71887.11	1.5347	P	1.5
5	☐	6250.000	6407.024	168500.87	3.6613	P	1.4
6	☐	12500.000	13116.307	334253.36	7.4008	P	2.8
7	☐	25000.000	25011.404	648227.27	14.0305	P	1.0
8	☐	50000.000	50388.814	1301653.24	28.1746	A	0.8
9	☐	250000.00	249885.48	6307535.69	139.3644	A	1.4

$$y = 5.5735\text{E-}004 * x + 0.0904$$

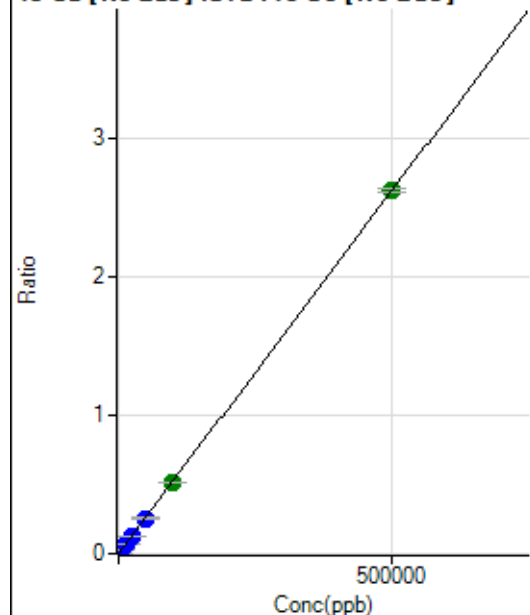
$$R = 1.0000$$

$$DL = 21.59$$

$$BEC = 162.1$$

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	850.07	0.0002	P	14.4
2	☐	50.000					
3	☐	500.000	453.601	10276.43	0.0026	P	3.7
4	☐	5000.000	5072.429	104901.59	0.0268	P	2.0
5	☐	12500.000	12310.570	258762.33	0.0647	P	1.9
6	☐	25000.000	24684.816	525150.48	0.1294	P	1.0
7	☐	50000.000	48911.652	1042555.10	0.2563	P	0.9
8	☐	100000.00	98226.010	2101179.21	0.5144	A	0.6
9	☐	500000.00	500483.45	10682317.51	2.6201	A	1.0

$$y = 5.2348\text{E-}006 * x + 2.1698\text{E-}004$$

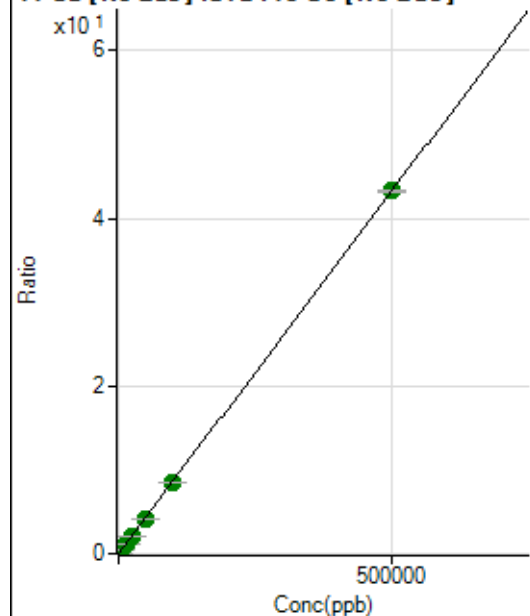
$$R = 1.0000$$

$$DL = 17.85$$

$$BEC = 41.45$$

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	32360.53	0.0083	P	1.7
2	☐	50.000					
3	☐	500.000	444.804	185180.66	0.0467	P	0.7
4	☐	5000.000	5109.861	1762001.10	0.4497	A	3.4
5	☐	12500.000	12314.294	4290485.77	1.0721	A	2.2
6	☐	25000.000	24372.679	8576934.39	2.1139	A	0.6
7	☐	50000.000	48287.566	17005686.14	4.1800	A	1.1
8	☐	100000.00	97302.221	34369517.09	8.4146	A	0.9
9	☐	500000.00	500745.76	176413267.8	43.2698	A	0.9

$$y = 8.6394\text{E-}005 * x + 0.0083$$

$$R = 1.0000$$

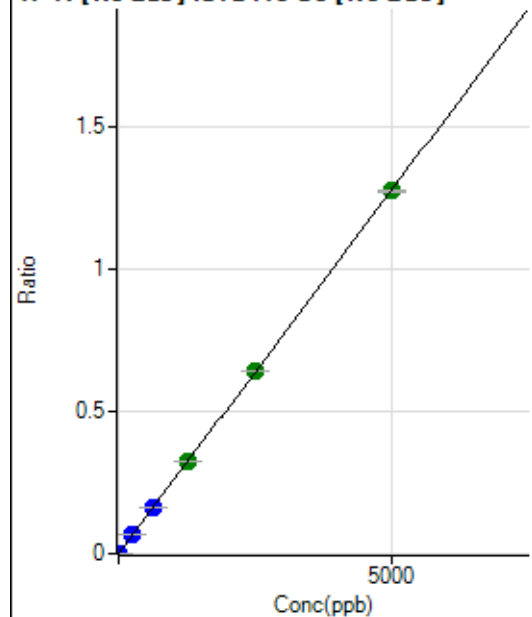
$$DL = 4.935$$

$$BEC = 95.65$$

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	191.68	0.0000	P	11.0
2	☐	0.500					
3	☐	5.000	4.840	5087.27	0.0013	P	1.1
4	☐	250.000	257.064	256972.73	0.0656	P	1.7
5	☐	625.000	629.781	642632.04	0.1606	P	1.8
6	☐	1250.000	1262.486	1305874.05	0.3219	A	0.7
7	☐	2500.000	2508.361	2601449.28	0.6394	A	0.5
8	☐	5000.000	4991.748	5197357.41	1.2724	A	0.7
9	☐			3294.99	0.0008	P	7.3

$$y = 2.5490E-004 * x + 4.8928E-005$$

$$R = 1.0000$$

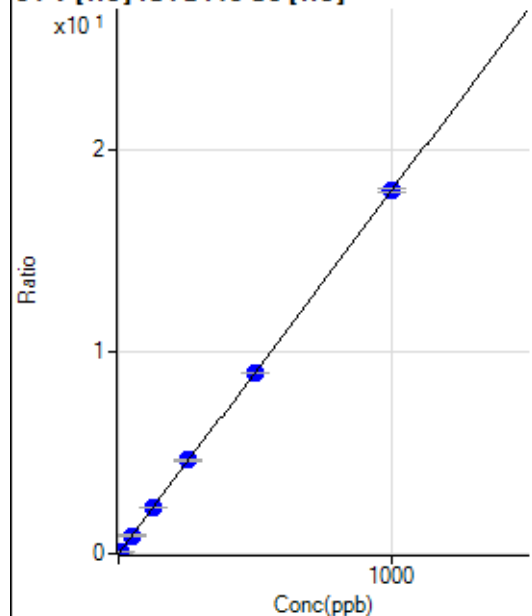
$$DL = 0.06325$$

$$BEC = 0.1919$$

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	13.33	0.0003	P	49.3
2	☐	0.500					
3	☐	5.000	4.761	3945.07	0.0859	P	2.4
4	☐	50.000	50.257	42321.76	0.9035	P	0.9
5	☐	125.000	126.188	104379.51	2.2680	P	1.0
6	☐	250.000	257.544	209052.78	4.6286	P	2.7
7	☐	500.000	496.367	412144.77	8.9205	P	0.2
8	☐	1000.000	999.771	829970.25	17.9671	P	1.2
9	☐			480.02	0.0106	P	5.2

$$y = 0.0180 * x + 2.9536E-004$$

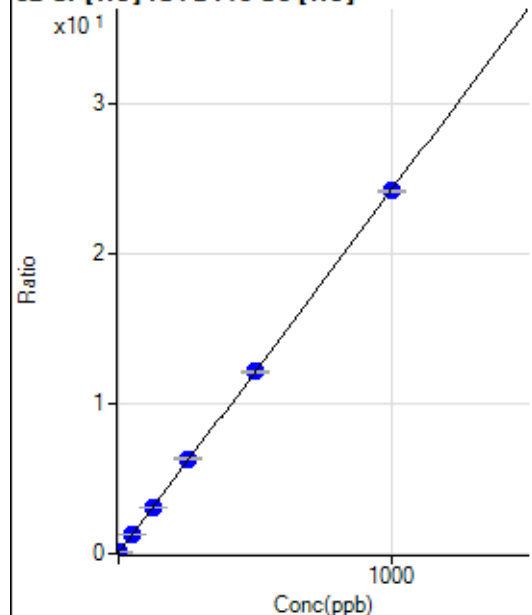
$$R = 1.0000$$

$$DL = 0.02431$$

$$BEC = 0.01644$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1181.18	0.0262	P	7.0
2	☐	0.200					
3	☐	2.000	2.078	3510.50	0.0764	P	5.2
4	☐	50.000	50.245	58126.70	1.2409	P	1.2
5	☐	125.000	126.695	142171.64	3.0891	P	0.5
6	☐	250.000	259.219	284226.44	6.2929	P	2.6
7	☐	500.000	499.364	558975.00	12.0985	P	0.4
8	☐	1000.000	997.789	1115519.77	24.1481	P	0.9
9	☐			52889.66	1.1685	P	0.8

$$y = 0.0242 * x + 0.0262$$

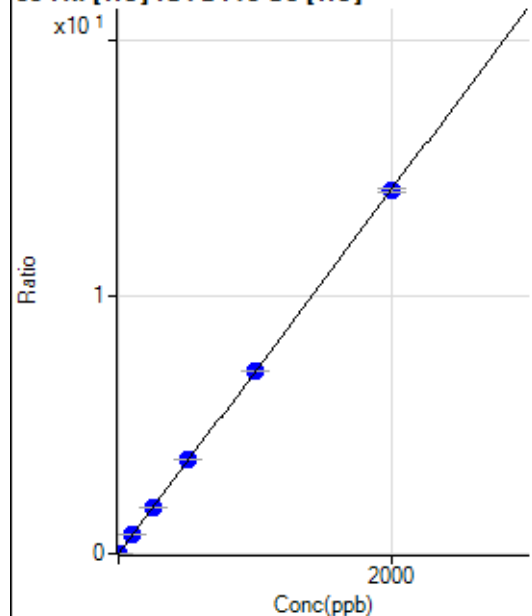
$$R = 1.0000$$

$$DL = 0.2269$$

$$BEC = 1.084$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0014	P	26.4
2	☐	0.100					
3	☐	1.000	0.907	357.79	0.0078	P	8.4
4	☐	100.000	101.548	33765.46	0.7208	P	1.1
5	☐	250.000	253.342	82670.42	1.7963	P	0.5
6	☐	500.000	517.954	165825.50	3.6710	P	1.7
7	☐	1000.000	1005.101	329065.85	7.1224	P	0.6
8	☐	2000.000	1992.466	652156.80	14.1177	P	1.0
9	☐			3627.21	0.0801	P	1.5

$$y = 0.0071 * x + 0.0014$$

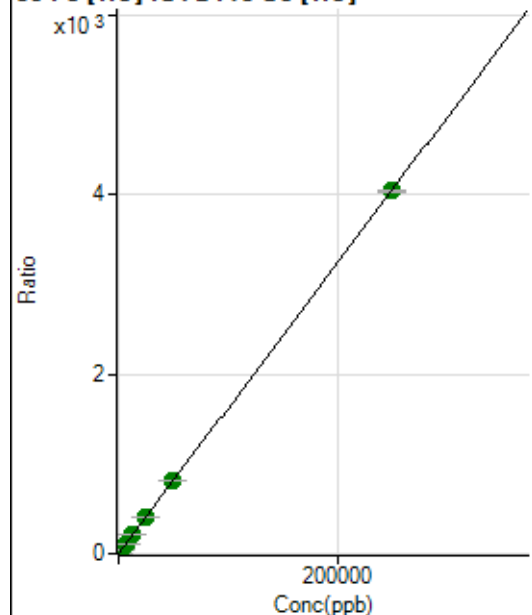
$$R = 0.9999$$

$$DL = 0.1516$$

$$BEC = 0.1916$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2704.05	0.0600	P	3.7
2	☐	5.000					
3	☐	50.000	48.341	38674.53	0.8419	P	1.6
4	☐	2500.000	2566.965	1947715.67	41.5792	A	0.3
5	☐	6250.000	6360.966	4737864.11	102.9450	A	0.6
6	☐	12500.000	12902.007	9428170.93	208.7426	A	2.5
7	☐	25000.000	24851.794	18574221.25	402.0236	A	0.7
8	☐	50000.000	50018.818	37375924.91	809.0859	A	0.8
9	☐	250000.00	249987.51	183018794.8	4,043.465	A	0.3

$$y = 0.0162 * x + 0.0600$$

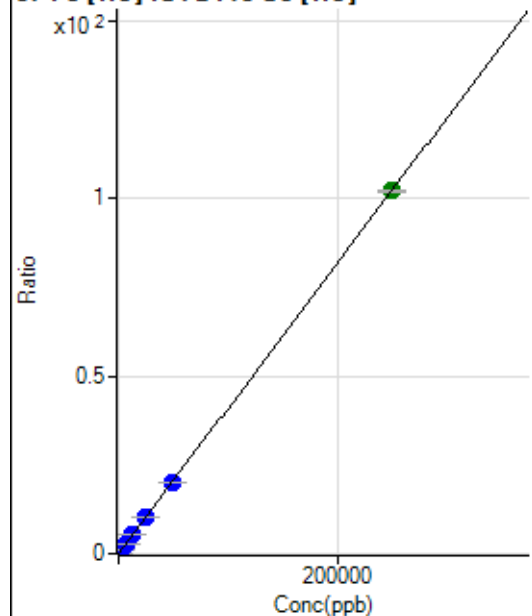
$$R = 1.0000$$

$$DL = 0.4168$$

$$BEC = 3.71$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.59	0.0021	P	6.9
2	☐	5.000					
3	☐	50.000	46.239	961.17	0.0209	P	1.2
4	☐	2500.000	2513.784	48135.23	1.0276	P	1.4
5	☐	6250.000	6282.665	118060.42	2.5652	P	0.8
6	☐	12500.000	12895.102	237706.79	5.2629	P	2.6
7	☐	25000.000	24673.178	465161.70	10.0680	P	0.7
8	☐	50000.000	49278.081	928774.85	20.1060	P	1.1
9	☐	250000.00	250156.35	4619284.59	102.0584	A	0.8

$$y = 4.0797E-004 * x + 0.0021$$

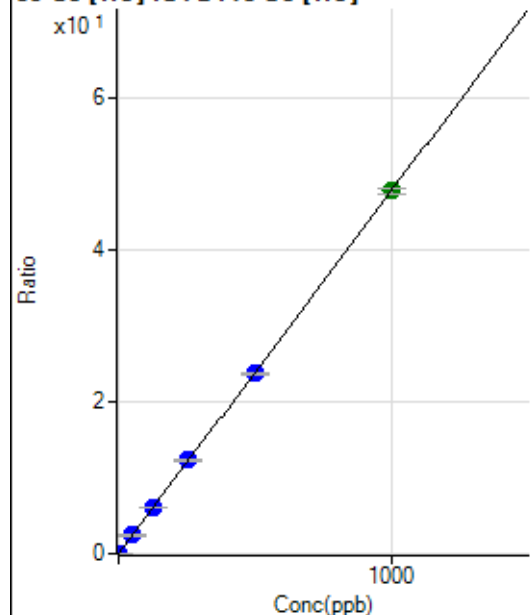
$$R = 1.0000$$

$$DL = 1.037$$

$$BEC = 5.035$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0020	P	25.6
2	☐	0.100					
3	☐	1.000	0.920	2114.64	0.0460	P	3.5
4	☐	50.000	50.420	112980.19	2.4119	P	0.8
5	☐	125.000	125.734	276670.10	6.0117	P	1.3
6	☐	250.000	258.023	557133.38	12.3347	P	2.4
7	☐	500.000	496.430	1096357.44	23.7298	P	0.6
8	☐	1000.000	999.667	2207195.72	47.7829	A	1.6
9	☐			3738.34	0.0826	P	4.6

$$y = 0.0478 * x + 0.0020$$

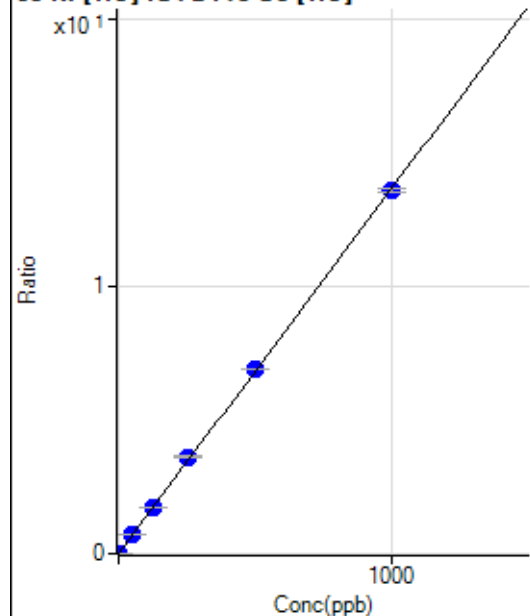
$$R = 1.0000$$

$$DL = 0.03253$$

$$BEC = 0.04237$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0013	P	14.5
2	☐	0.100					
3	☐	1.000	1.097	746.70	0.0163	P	1.8
4	☐	50.000	50.151	32175.10	0.6869	P	0.3
5	☐	125.000	128.381	80830.56	1.7563	P	0.8
6	☐	250.000	263.809	162958.24	3.6077	P	2.2
7	☐	500.000	503.973	318377.24	6.8909	P	0.2
8	☐	1000.000	994.131	627868.57	13.5918	P	0.9
9	☐			18333.38	0.4051	P	0.7

$$y = 0.0137 * x + 0.0013$$

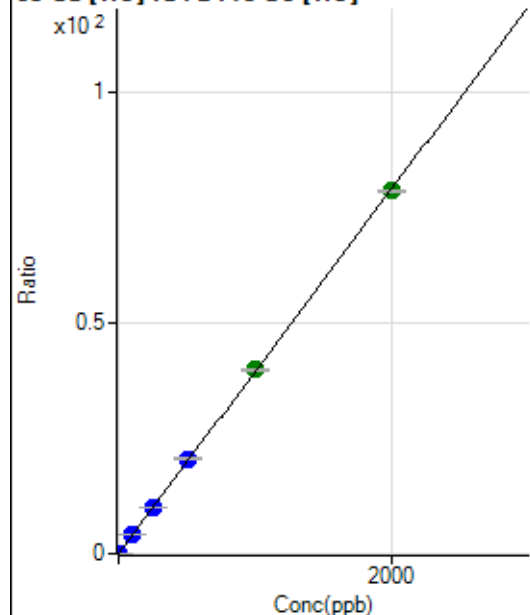
$$R = 0.9999$$

$$DL = 0.03992$$

$$BEC = 0.09185$$

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	302.23	0.0067	P	26.1
2	☐	0.200					
3	☐	2.000	1.934	3809.49	0.0829	P	3.3
4	☐	100.000	101.575	187872.13	4.0107	P	0.7
5	☐	250.000	255.076	463068.61	10.0616	P	0.7
6	☐	500.000	520.304	926689.07	20.5166	P	2.4
7	☐	1000.000	1007.518	1835249.24	39.7222	A	0.4
8	☐	2000.000	1990.452	3624863.24	78.4687	A	0.8
9	☐			7026.35	0.1552	P	1.1

$$y = 0.0394 * x + 0.0067$$

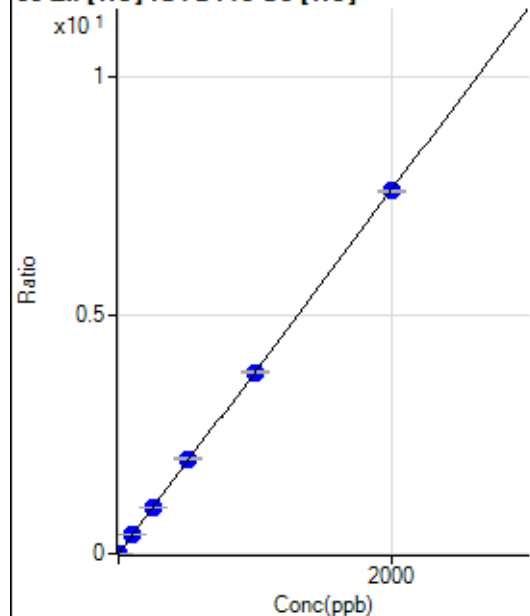
$$R = 0.9999$$

$$DL = 0.133$$

$$BEC = 0.1699$$

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	65.56	0.0015	P	17.2
2	☐	0.200					
3	☐	2.000	2.381	483.35	0.0105	P	6.4
4	☐	100.000	102.738	18385.72	0.3925	P	0.3
5	☐	250.000	255.170	44765.57	0.9727	P	1.5
6	☐	500.000	521.644	89742.25	1.9869	P	2.8
7	☐	1000.000	998.606	175678.56	3.8024	P	0.6
8	☐	2000.000	1994.502	350761.35	7.5929	P	0.7
9	☐			1809.04	0.0400	P	3.8

$$y = 0.0038 * x + 0.0015$$

$$R = 0.9999$$

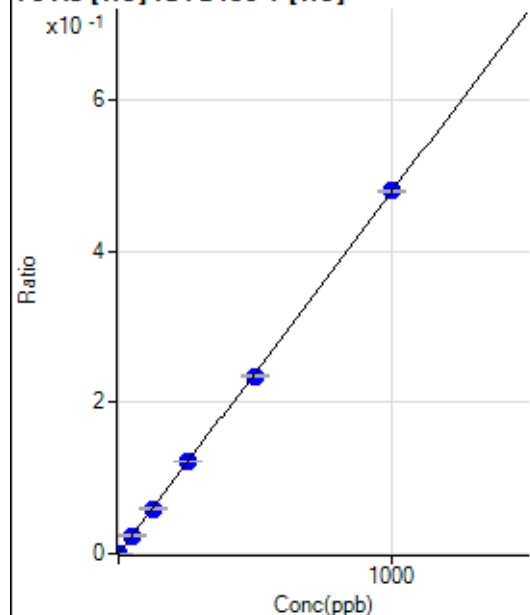
$$DL = 0.1971$$

$$BEC = 0.3818$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.88	0.0000	P	43.2
2	☐	0.100					
3	☐	1.000	0.882	122.22	0.0005	P	5.2
4	☐	50.000	50.177	6440.45	0.0240	P	2.7
5	☐	125.000	124.276	15725.06	0.0595	P	1.1
6	☐	250.000	253.875	31993.75	0.1215	P	1.1
7	☐	500.000	491.679	62882.26	0.2352	P	0.6
8	☐	1000.000	1003.273	127867.61	0.4799	P	0.3
9	☐			69.75	0.0003	P	3.5

$$y = 4.7827\text{E-}004 * x + 3.8256\text{E-}005$$

$$R = 0.9999$$

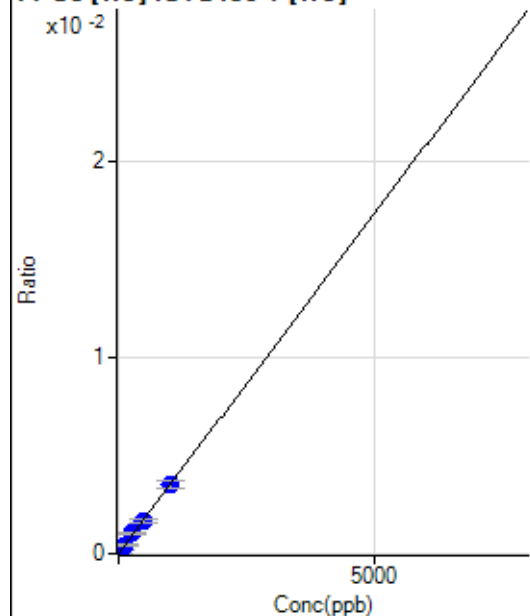
$$DL = 0.1036$$

$$BEC = 0.07999$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	2.343	4.44	0.0000	P	43.6
4	☐	50.000	51.358	50.00	0.0002	P	11.2
5	☐	125.000	113.954	106.67	0.0004	P	24.4
6	☐	250.000	299.572	275.57	0.0010	P	5.9
7	☐	500.000	475.754	443.35	0.0017	P	16.7
8	☐	1000.000	1001.056	926.72	0.0035	P	11.3
9	☐			2.22	0.0000	P	173.

$$y = 3.4649\text{E-}006 * x + 8.6126\text{E-}006$$

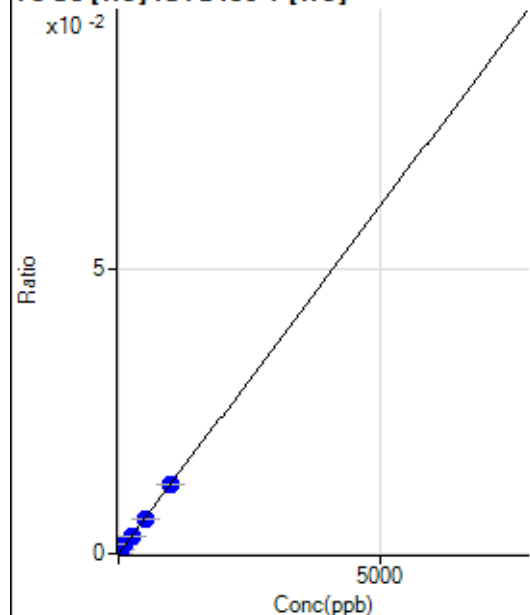
$$R = 0.9980$$

$$DL = 6.458$$

$$BEC = 2.486$$

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	0.62	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	6.117	20.37	0.0001	P	8.8
4	☐	50.000	52.186	170.37	0.0006	P	1.1
5	☐	125.000	142.746	458.66	0.0017	P	5.8
6	☐	250.000	246.816	789.54	0.0030	P	4.1
7	☐	500.000	502.981	1632.83	0.0061	P	2.5
8	☐	1000.000	996.972	3225.10	0.0121	P	0.9
9	☐			6.18	0.0000	P	17.5

$$y = 1.2138\text{E-}005 * x + 2.3980\text{E-}006$$

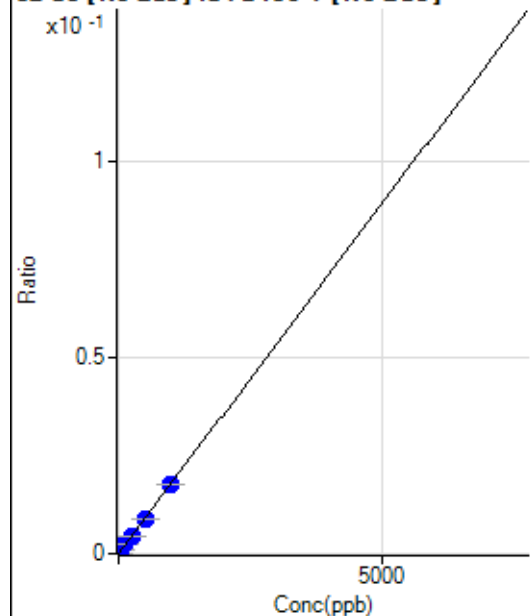
$$R = 0.9998$$

$$DL = 1.027$$

$$BEC = 0.1976$$

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	-42.10	0.0000	P	-89.
2	☐	0.500					
3	☐	5.000	4.606	476.81	0.0001	P	12.9
4	☐	50.000	52.260	5778.41	0.0009	P	3.7
5	☐	125.000	130.582	14628.18	0.0023	P	3.2
6	☐	250.000	254.250	29489.24	0.0045	P	1.5
7	☐	500.000	497.056	58558.80	0.0089	P	0.8
8	☐	1000.000	999.601	119328.12	0.0179	P	0.1
9	☐			134.24	0.0000	P	33.4

$$y = 1.7899\text{E-}005 * x - 6.8153\text{E-}006$$

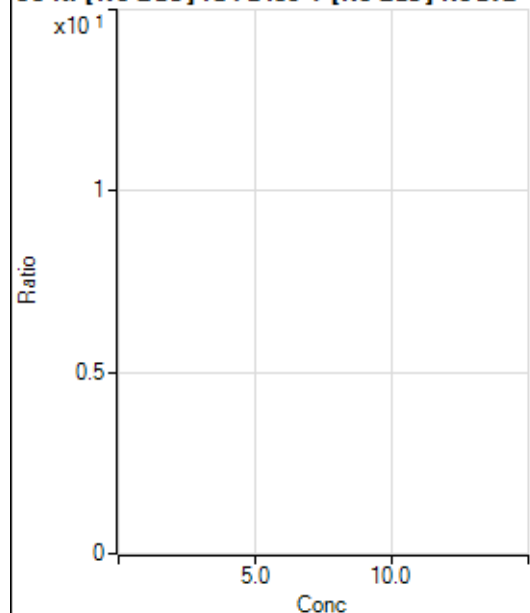
$$R = 1.0000$$

$$DL = 1.021$$

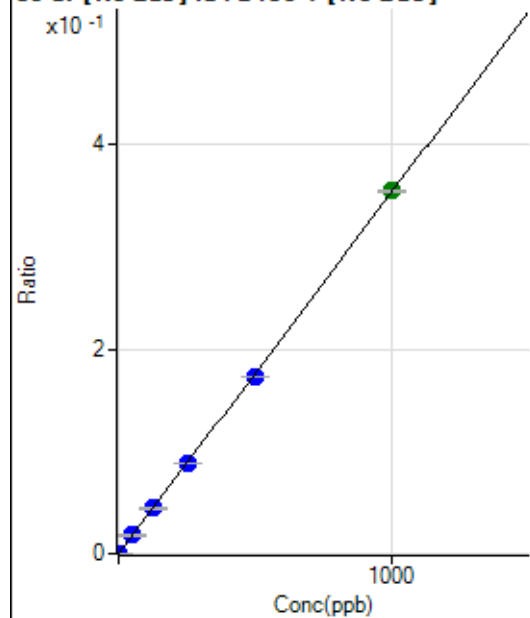
$$BEC = -0.3808$$

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	☐			332.23	0.0001	P	10.5
2	☐						
3	☐			346.68	0.0001	P	16.9
4	☐			315.56	0.0001	P	9.2
5	☐			321.12	0.0001	P	3.9
6	☐			350.01	0.0001	P	11.8
7	☐			362.24	0.0001	P	6.7
8	☐			321.12	0.0000	P	6.4
9	☐			337.79	0.0000	P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	494.48	0.0001	P	10.3
2	☐	0.100					
3	☐	1.000	0.905	2517.00	0.0004	P	6.8
4	☐	50.000	50.712	111973.71	0.0180	P	2.8
5	☐	125.000	125.818	279479.11	0.0445	P	2.4
6	☐	250.000	248.504	570140.92	0.0878	P	0.6
7	☐	500.000	490.690	1142129.58	0.1734	P	0.5
8	☐	1000.000	1004.891	2368511.56	0.3550	A	0.3
9	☐			82398.56	0.0122	P	1.6

$$y = 3.5318E-004 * x + 8.0206E-005$$

$$R = 0.9999$$

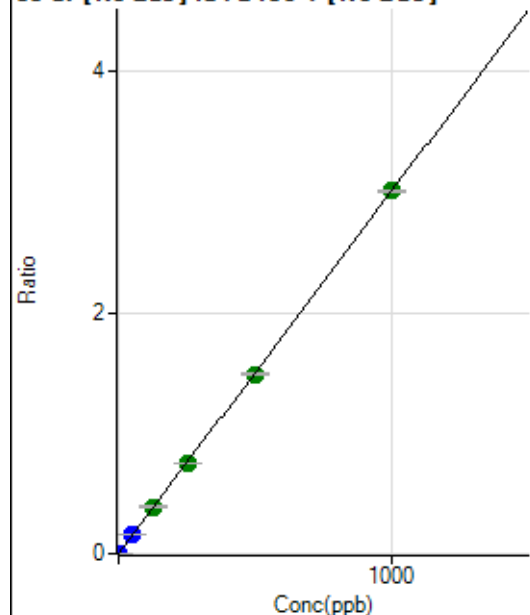
$$DL = 0.06984$$

$$BEC = 0.2271$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	17.9
2	☐	0.100					
3	☐	1.000	0.967	18382.57	0.0029	P	2.6
4	☐	50.000	51.056	954630.51	0.1534	P	2.3
5	☐	125.000	129.685	2445953.68	0.3895	A	1.3
6	☐	250.000	250.487	4883033.62	0.7524	A	0.4
7	☐	500.000	496.043	9814368.80	1.4899	A	0.9
8	☐	1000.000	1001.219	20064892.98	3.0073	A	0.3
9	☐			704566.96	0.1042	P	0.8

$$y = 0.0030 * x + 1.4857E-005$$

$$R = 1.0000$$

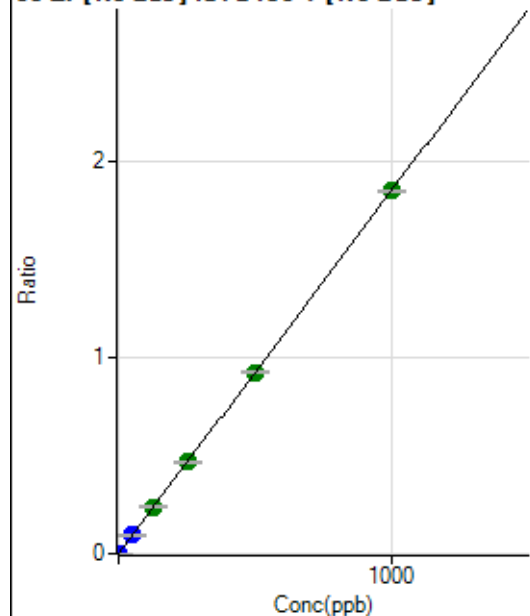
$$DL = 0.002656$$

$$BEC = 0.004946$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.26	0.0001	P	12.3
2	☐	0.100					
3	☐	1.000	0.907	11088.34	0.0018	P	2.9
4	☐	50.000	50.802	586229.05	0.0942	P	2.1
5	☐	125.000	128.344	1492811.71	0.2378	A	2.7
6	☐	250.000	251.945	3029121.14	0.4667	A	1.0
7	☐	500.000	499.243	6091793.11	0.9248	A	0.9
8	☐	1000.000	999.434	12351909.82	1.8513	A	0.4
9	☐			5062.29	0.0007	P	3.8

$$y = 0.0019 * x + 8.0603E-005$$

$$R = 1.0000$$

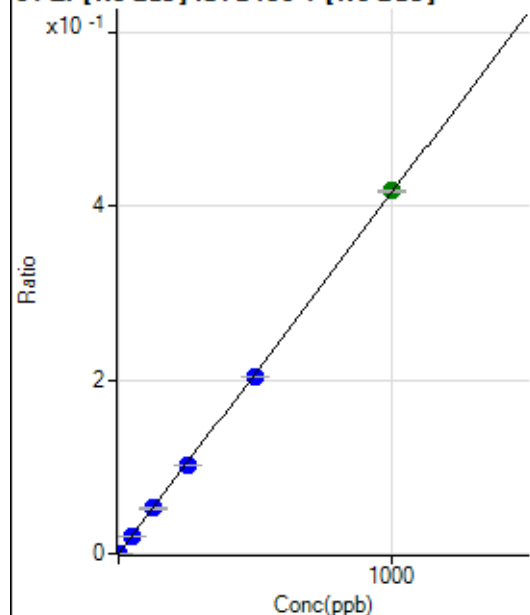
$$DL = 0.016$$

$$BEC = 0.04352$$

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	102.78	0.0000	P	25.3
2	☐	0.100					
3	☐	1.000	0.943	2572.59	0.0004	P	7.9
4	☐	50.000	49.487	128062.61	0.0206	P	3.3
5	☐	125.000	125.407	327178.44	0.0521	P	3.0
6	☐	250.000	246.411	664566.71	0.1024	P	0.4
7	☐	500.000	489.750	1340503.55	0.2035	P	0.6
8	☐	1000.000	1005.997	2788828.17	0.4180	A	0.7
9	☐			1197.33	0.0002	P	11.7

$$y = 4.1548\text{E-}004 * x + 1.6640\text{E-}005$$

$$R = 0.9999$$

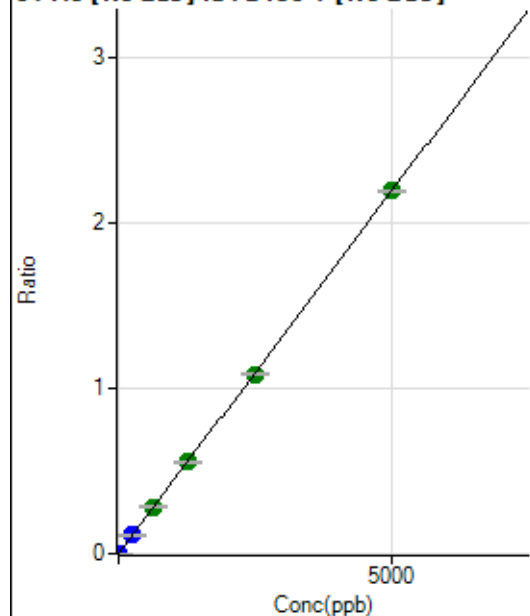
$$DL = 0.03036$$

$$BEC = 0.04005$$

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	355.58	0.0001	P	16.5
2	☐	0.500					
3	☐	5.000	4.732	13429.46	0.0021	P	1.4
4	☐	250.000	253.685	692738.26	0.1113	P	3.1
5	☐	625.000	642.577	1769021.07	0.2819	A	3.7
6	☐	1250.000	1261.896	3591927.03	0.5534	A	0.5
7	☐	2500.000	2478.573	7160367.52	1.0870	A	0.7
8	☐	5000.000	5005.359	14645730.54	2.1951	A	0.6
9	☐			22945.12	0.0034	P	2.0

$$y = 4.3854\text{E-}004 * x + 5.7651\text{E-}005$$

$$R = 1.0000$$

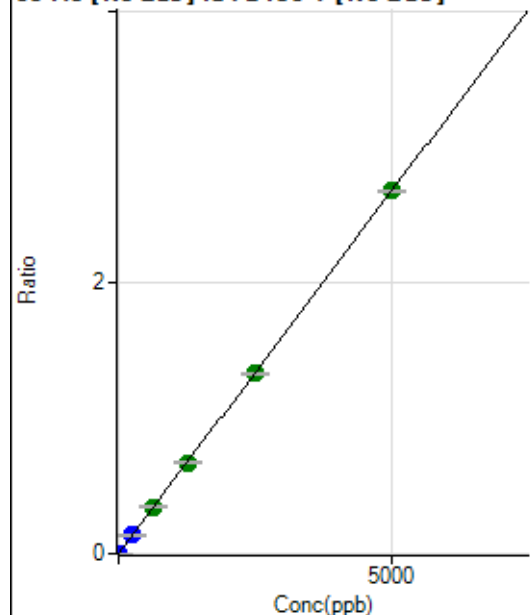
$$DL = 0.06523$$

$$BEC = 0.1315$$

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	247.24	0.0000	P	6.0
2	☐	0.500					
3	☐	5.000	4.594	15704.15	0.0025	P	1.4
4	☐	250.000	253.817	844082.60	0.1356	P	2.6
5	☐	625.000	647.746	2171934.84	0.3460	A	3.4
6	☐	1250.000	1256.093	4354451.05	0.6710	A	1.4
7	☐	2500.000	2482.657	8735758.01	1.3261	A	0.3
8	☐	5000.000	5004.114	17834124.36	2.6730	A	0.8
9	☐			36912.50	0.0055	P	1.7

$$y = 5.3414\text{E-}004 * x + 4.0092\text{E-}005$$

$$R = 1.0000$$

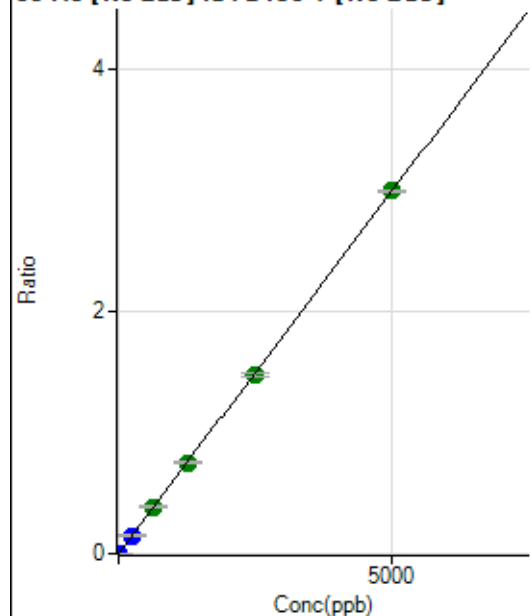
$$DL = 0.01357$$

$$BEC = 0.07506$$

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	361.14	0.0001	P	24.6
2	☐	0.500					
3	☐	5.000	4.521	17367.42	0.0028	P	3.1
4	☐	250.000	251.596	935503.45	0.1503	P	2.9
5	☐	625.000	646.999	2425566.51	0.3864	A	3.5
6	☐	1250.000	1256.950	4871929.28	0.7507	A	1.4
7	☐	2500.000	2467.809	9707864.28	1.4738	A	1.7
8	☐	5000.000	5011.529	19969048.01	2.9929	A	0.8
9	☐			41079.84	0.0061	P	1.4

$$y = 5.9720\text{E-}004 * x + 5.8547\text{E-}005$$

$$R = 1.0000$$

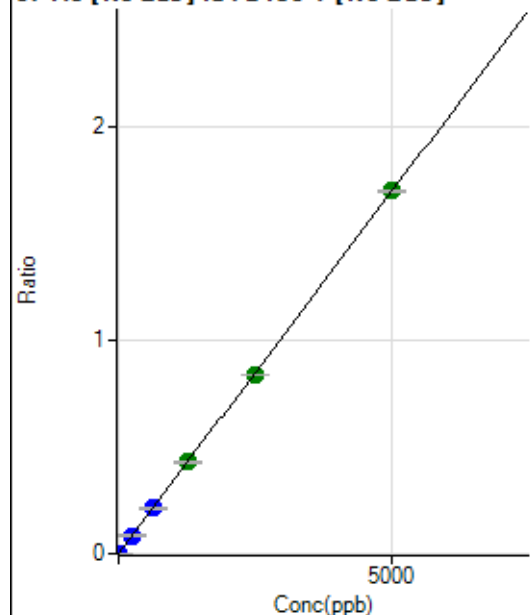
$$DL = 0.07238$$

$$BEC = 0.09804$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0000	P	24.1
2	☐	0.500					
3	☐	5.000	4.438	9681.64	0.0015	P	3.7
4	☐	250.000	249.023	525974.95	0.0845	P	2.7
5	☐	625.000	626.752	1334761.15	0.2126	P	3.2
6	☐	1250.000	1264.117	2783167.60	0.4289	A	1.3
7	☐	2500.000	2469.331	5518147.52	0.8377	A	0.8
8	☐	5000.000	5011.636	11343133.41	1.7001	A	0.4
9	☐			22369.32	0.0033	P	3.8

$$y = 3.3923\text{E-}004 * x + 3.2373\text{E-}005$$

$$R = 1.0000$$

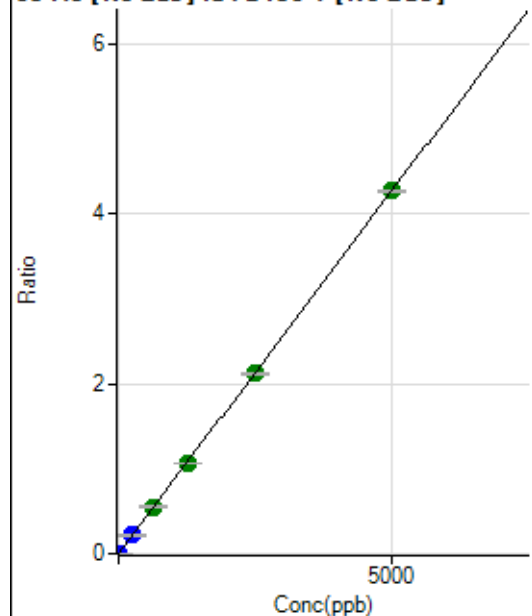
$$DL = 0.06913$$

$$BEC = 0.09543$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.91	0.0001	P	17.4
2	☐	0.500					
3	☐	5.000	4.741	25803.36	0.0041	P	2.3
4	☐	250.000	253.413	1345417.16	0.2162	P	2.9
5	☐	625.000	647.325	3465492.14	0.5521	A	3.3
6	☐	1250.000	1249.016	6913211.18	1.0653	A	1.5
7	☐	2500.000	2483.721	13953047.01	2.1182	A	1.1
8	☐	5000.000	5005.425	28481592.65	4.2688	A	0.3
9	☐			57966.66	0.0086	P	1.7

$$y = 8.5283\text{E-}004 * x + 5.4999\text{E-}005$$

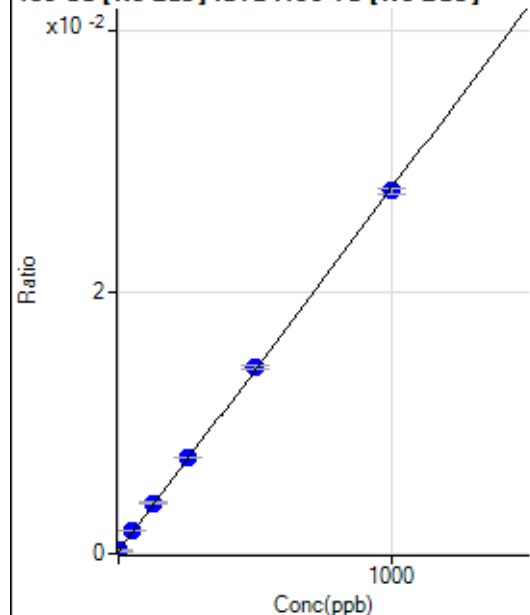
$$R = 1.0000$$

$$DL = 0.03365$$

$$BEC = 0.06449$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	994.53	0.0002	P	2.2
2	☐	0.100					
3	☐	1.000	2.227	1350.13	0.0002	P	11.9
4	☐	50.000	56.686	10376.62	0.0017	P	2.6
5	☐	125.000	133.379	23799.77	0.0039	P	2.4
6	☐	250.000	257.564	46509.18	0.0073	P	0.9
7	☐	500.000	508.512	92569.95	0.0143	P	2.3
8	☐	1000.000	992.470	186229.31	0.0278	P	1.8
9	☐			1269.57	0.0002	P	6.3

$$y = 2.7803\text{E-}005 * x + 1.6743\text{E-}004$$

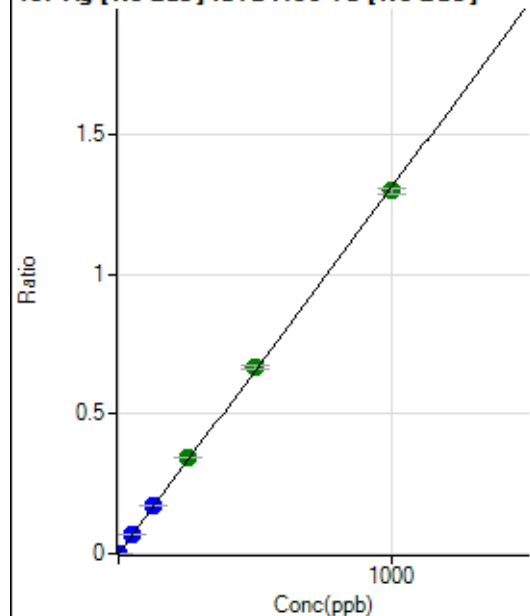
$$R = 0.9999$$

$$DL = 0.393$$

$$BEC = 6.022$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	50.2
2	☐	0.100					
3	☐	1.000	1.010	7863.76	0.0013	P	0.5
4	☐	50.000	54.351	424364.42	0.0713	P	2.2
5	☐	125.000	132.193	1064803.64	0.1734	P	2.3
6	☐	250.000	264.082	2198260.97	0.3464	A	0.7
7	☐	500.000	509.275	4322705.52	0.6680	A	1.2
8	☐	1000.000	990.725	8717104.88	1.2995	A	1.4
9	☐			1389.03	0.0002	P	2.1

$$y = 0.0013 * x + 1.1251\text{E-}005$$

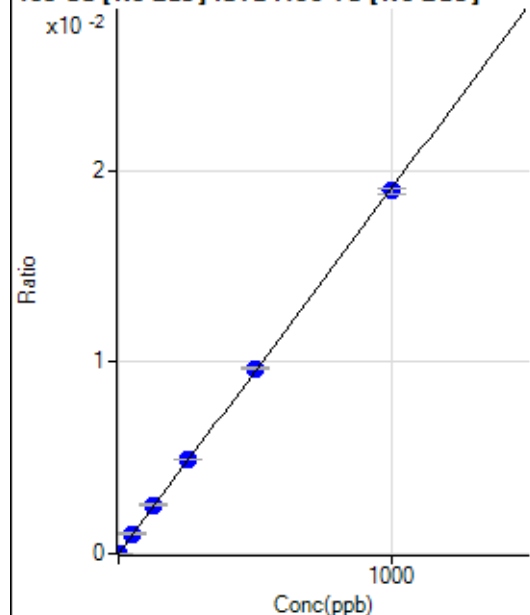
$$R = 0.9998$$

$$DL = 0.01292$$

$$BEC = 0.008578$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	48.8
2	☐	0.100					
3	☐	1.000	1.039	125.00	0.0000	P	15.0
4	☐	50.000	54.714	6222.42	0.0010	P	3.2
5	☐	125.000	133.153	15607.89	0.0025	P	4.1
6	☐	250.000	258.178	31276.89	0.0049	P	1.5
7	☐	500.000	506.704	62587.87	0.0097	P	0.7
8	☐	1000.000	993.349	127176.55	0.0190	P	1.4
9	☐			51.39	0.0000	P	5.7

$$y = 1.9084\text{E-}005 * x + 1.3967\text{E-}006$$

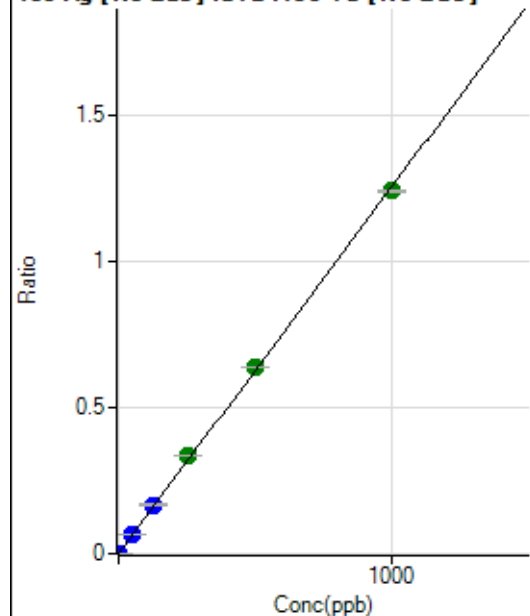
$$R = 0.9999$$

$$DL = 0.1072$$

$$BEC = 0.07319$$

Weight: <None>

Min Conc: 0

109 Ag [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	44.8
2	☐	0.100					
3	☐	1.000	1.019	7574.76	0.0013	P	4.1
4	☐	50.000	53.711	400945.82	0.0674	P	2.1
5	☐	125.000	132.061	1016883.35	0.1656	P	2.9
6	☐	250.000	266.125	2117957.90	0.3337	A	0.1
7	☐	500.000	509.440	4134302.57	0.6389	A	0.5
8	☐	1000.000	990.181	8329916.77	1.2417	A	0.6
9	☐			1330.68	0.0002	P	0.6

$$y = 0.0013 * x + 8.8541\text{E-}006$$

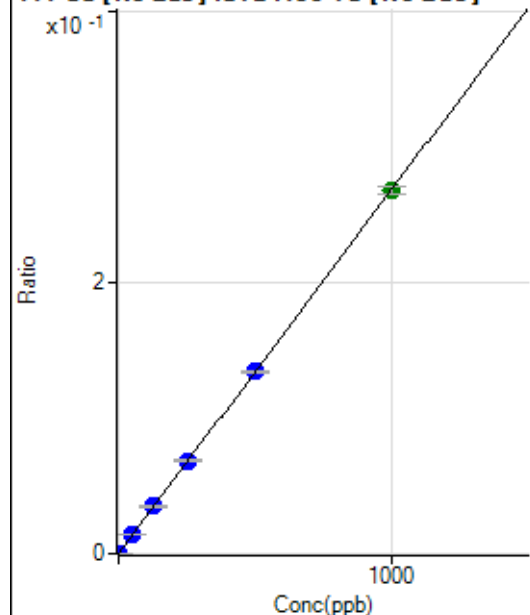
$$R = 0.9998$$

$$DL = 0.009496$$

$$BEC = 0.007061$$

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	705.62	0.0001	P	1.4
2	☐	0.100					
3	☐	1.000	1.147	2511.90	0.0004	P	3.6
4	☐	50.000	53.374	85963.81	0.0144	P	3.1
5	☐	125.000	130.624	216016.68	0.0352	P	2.7
6	☐	250.000	255.833	436546.10	0.0688	P	0.6
7	☐	500.000	501.393	871671.70	0.1347	P	1.2
8	☐	1000.000	996.973	1795855.31	0.2677	A	2.1
9	☐			1276.35	0.0002	P	6.8

$$y = 2.6842\text{E-}004 * x + 1.1880\text{E-}004$$

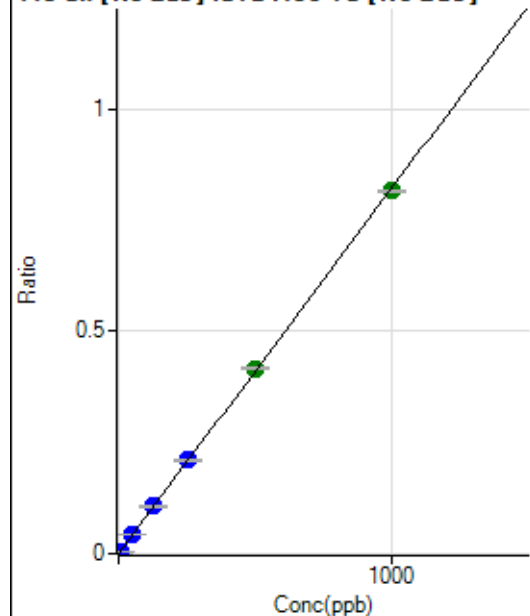
$$R = 1.0000$$

$$DL = 0.01911$$

$$BEC = 0.4426$$

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	427.80	0.0001	P	6.5
2	☐	0.500					
3	☐	5.000	4.889	24069.69	0.0041	P	1.5
4	☐	50.000	52.289	256052.43	0.0430	P	2.5
5	☐	125.000	129.576	653921.20	0.1065	P	3.1
6	☐	250.000	256.390	1336967.77	0.2107	P	0.9
7	☐	500.000	507.999	2700784.00	0.4173	A	0.6
8	☐	1000.000	993.717	5476253.16	0.8163	A	0.7
9	☐			17559.40	0.0026	P	3.7

$$y = 8.2140\text{E-}004 * x + 7.2047\text{E-}005$$

$$R = 0.9999$$

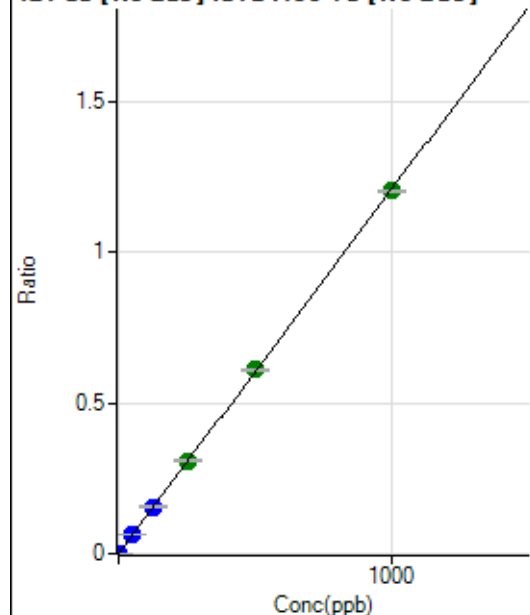
$$DL = 0.01721$$

$$BEC = 0.08771$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.35	0.0000	P	13.8
2	☐	0.200					
3	☐	2.000	1.894	13760.45	0.0023	P	1.1
4	☐	50.000	51.084	367774.27	0.0618	P	1.9
5	☐	125.000	127.820	948926.72	0.1545	P	2.4
6	☐	250.000	255.596	1960753.97	0.3090	A	0.6
7	☐	500.000	504.408	3945618.23	0.6097	A	0.2
8	☐	1000.000	995.991	8075541.85	1.2038	A	0.8
9	☐			20160.55	0.0029	P	6.8

$$y = 0.0012 * x + 4.7761E-005$$

$$R = 1.0000$$

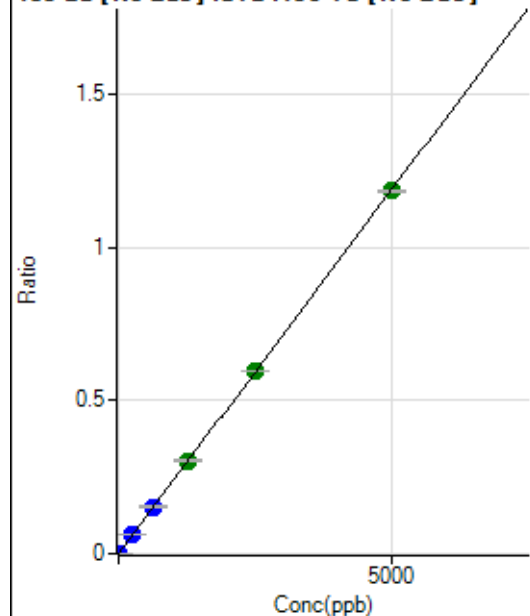
$$DL = 0.01641$$

$$BEC = 0.03952$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	60.1
2	☐	1.000					
3	☐	10.000	9.708	13624.29	0.0023	P	2.2
4	☐	250.000	257.209	363568.61	0.0611	P	2.4
5	☐	625.000	640.721	934272.21	0.1522	P	2.7
6	☐	1250.000	1278.841	1927247.85	0.3037	A	0.7
7	☐	2500.000	2507.776	3853937.33	0.5955	A	0.7
8	☐	5000.000	4986.577	7943765.98	1.1841	A	0.2
9	☐			3267.25	0.0005	P	6.7

$$y = 2.3746E-004 * x + 8.8979E-006$$

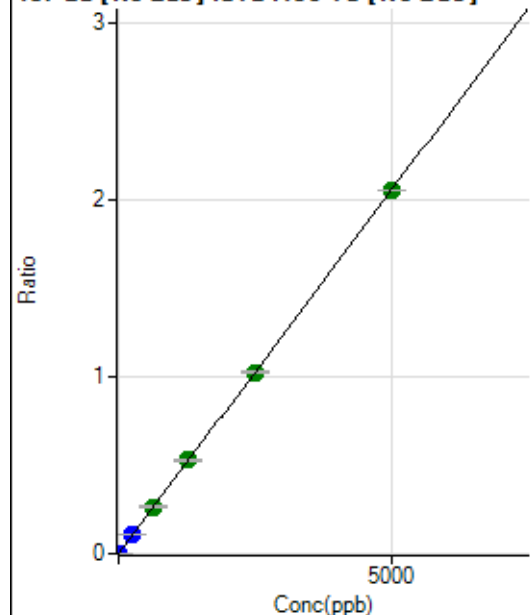
$$R = 1.0000$$

$$DL = 0.06757$$

$$BEC = 0.03747$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	74.4
2	☐	1.000					
3	☐	10.000	9.763	23688.85	0.0040	P	0.7
4	☐	250.000	258.816	633402.86	0.1064	P	2.3
5	☐	625.000	646.153	1631231.75	0.2657	A	3.1
6	☐	1250.000	1284.533	3351746.00	0.5282	A	0.3
7	☐	2500.000	2497.576	6645653.71	1.0269	A	0.1
8	☐	5000.000	4989.494	13762398.23	2.0515	A	0.2
9	☐			5562.53	0.0008	P	6.8

$$y = 4.1116\text{E-}004 * x + 9.3192\text{E-}006$$

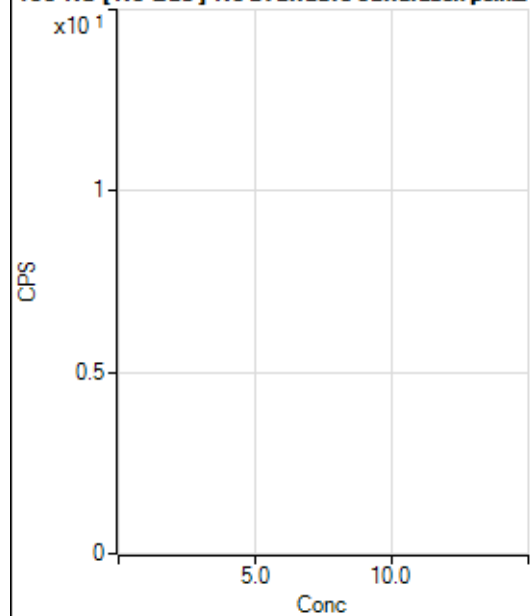
$$R = 1.0000$$

$$DL = 0.0506$$

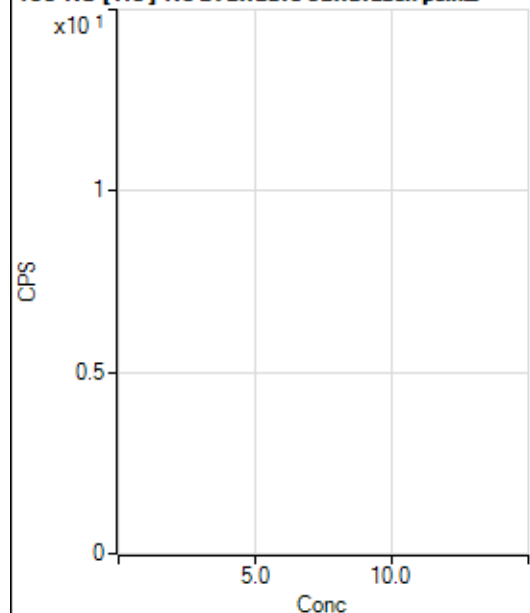
$$BEC = 0.02267$$

Weight: <None>

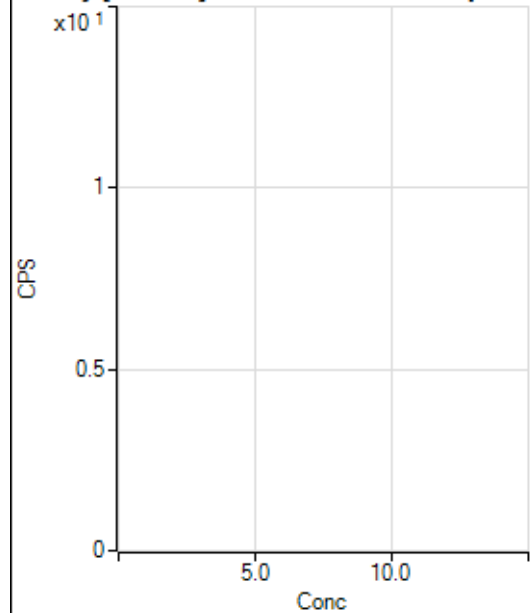
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

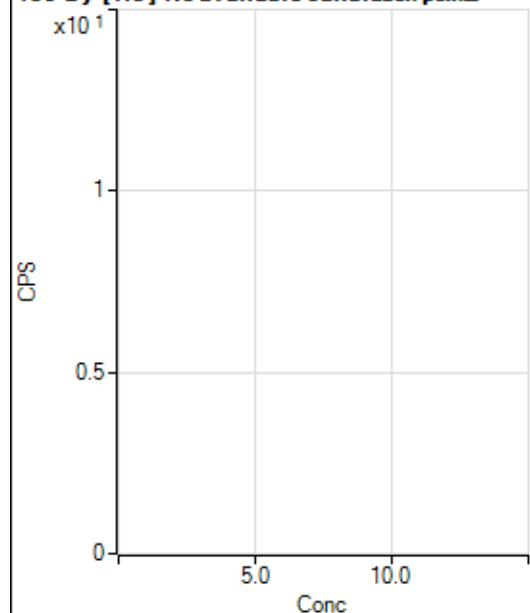
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐						
3	☐			11.11		P	34.6
4	☐			35.56		P	57.3
5	☐			48.89		P	55.1
6	☐			88.89		P	11.5
7	☐			106.67		P	33.1
8	☐			300.02		P	10.2
9	☐			73.34		P	32.8

150 Nd [He] No available calibration points

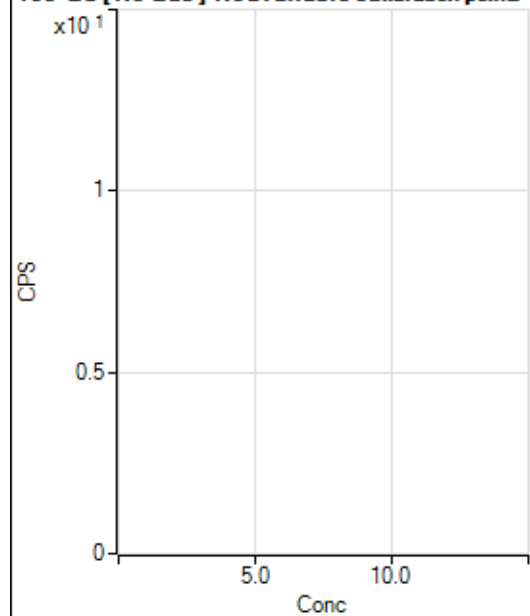
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	86.6
6	☐			1.11		P	173.
7	☐			7.78		P	89.2
8	☐			13.33		P	25.0
9	☐			15.56		P	12.4

156 Dy [No Gas] No available calibration points

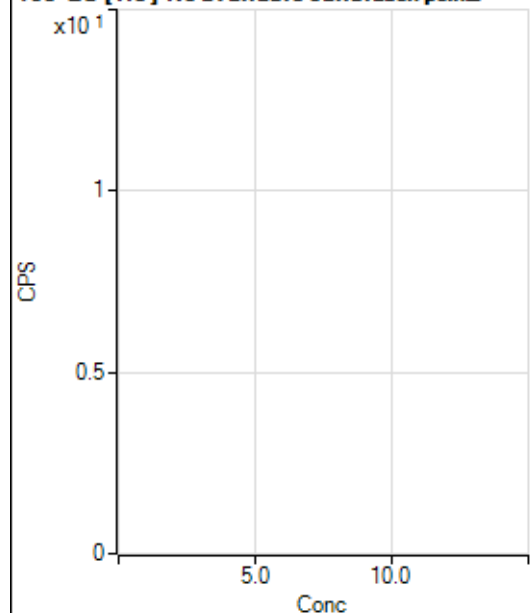
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			5.55		P	86.6
4	☐			13.89		P	34.7
5	☐			8.33		P	100.
6	☐			47.23		P	53.9
7	☐			41.67		P	40.0
8	☐			119.45		P	34.4
9	☐			83.34		P	17.3

156 Dy [He] No available calibration points

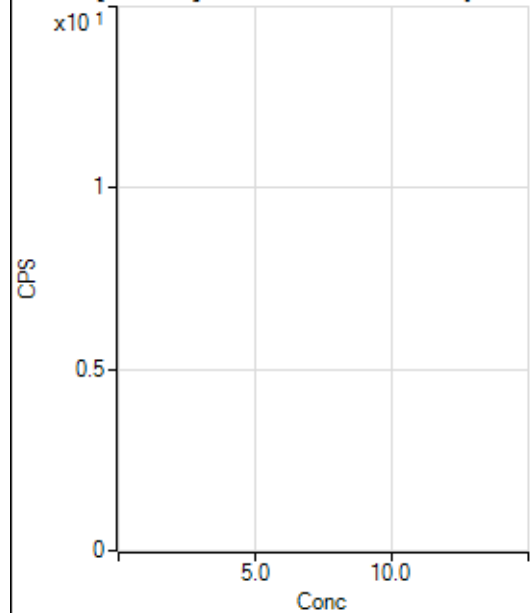
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			2.22		P	173.
6	☐			4.44		P	114.
7	☐			3.33		P	0.0
8	☐			16.67		P	34.6
9	☐			14.44		P	53.3

160 Gd [No Gas] Noavailable calibration poin...

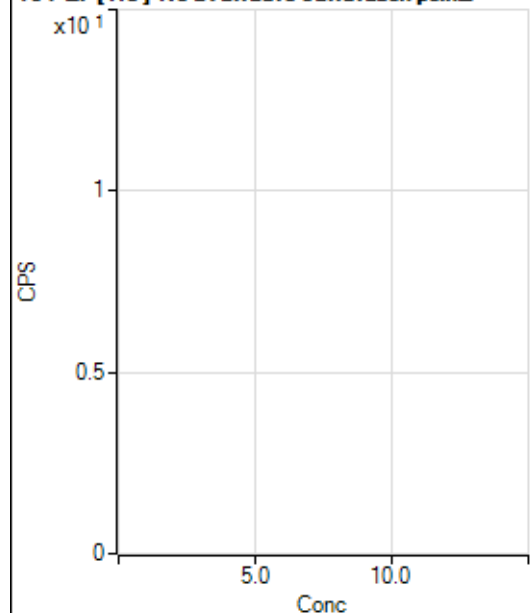
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	10.8
2	☐						
3	☐			52.78		P	32.9
4	☐			38.89		P	24.7
5	☐			36.11		P	70.5
6	☐			63.89		P	41.9
7	☐			36.11		P	74.2
8	☐			105.56		P	37.3
9	☐			63.89		P	45.8

160 Gd [He] No available calibration points

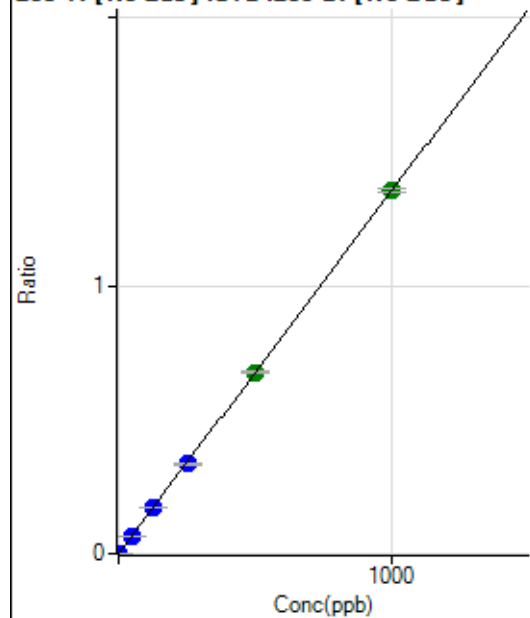
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			11.11		P	62.5
4	☐			13.33		P	25.0
5	☐			5.56		P	91.6
6	☐			11.11		P	91.7
7	☐			16.67		P	20.0
8	☐			15.55		P	68.9
9	☐			28.89		P	13.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			22.22		P	21.6
4	☐			16.67		P	50.0
5	☐			22.22		P	78.1
6	☐			33.34		P	25.0
7	☐			41.67		P	20.0
8	☐			63.89		P	82.8
9	☐			27.78		P	91.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			6.67		P	50.0
4	☐			5.55		P	69.3
5	☐			6.67		P	86.6
6	☐			12.22		P	41.7
7	☐			3.33		P	173.
8	☐			13.33		P	90.2
9	☐			2.22		P	173.

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	152.79	0.0000	P	20.0
2	☐	0.100					
3	☐	1.000	0.916	4192.54	0.0013	P	4.8
4	☐	50.000	49.284	218352.85	0.0667	P	1.9
5	☐	125.000	126.339	572270.89	0.1708	P	2.1
6	☐	250.000	247.721	1171422.40	0.3349	P	1.0
7	☐	500.000	499.856	2411540.94	0.6757	A	1.4
8	☐	1000.000	1000.510	4949708.10	1.3525	A	0.9
9	☐			3128.31	0.0009	P	2.2

$$y = 0.0014 * x + 4.7293E-005$$

$$R = 1.0000$$

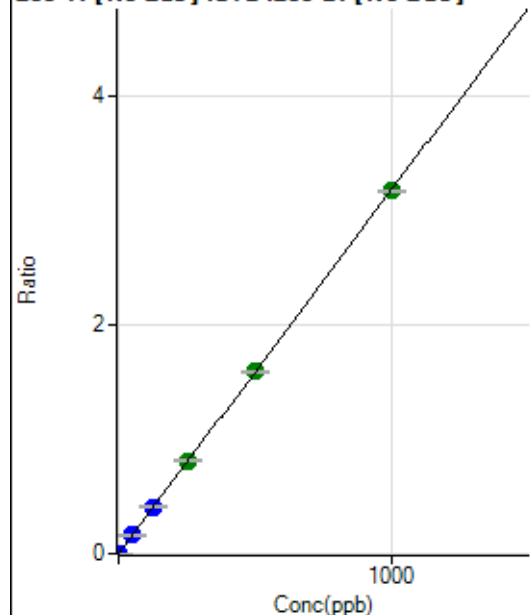
$$DL = 0.02094$$

$$BEC = 0.03499$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.24	0.0001	P	17.9
2	☐	0.100					
3	☐	1.000	0.912	9745.88	0.0030	P	4.0
4	☐	50.000	50.236	524373.29	0.1601	P	1.8
5	☐	125.000	127.935	1365403.37	0.4076	P	2.5
6	☐	250.000	256.326	2856056.03	0.8166	A	1.5
7	☐	500.000	501.630	5702513.88	1.5979	A	0.9
8	☐	1000.000	997.225	11625440.02	3.1765	A	0.3
9	☐			7780.52	0.0022	P	2.7

$$y = 0.0032 * x + 8.4161E-005$$

$$R = 1.0000$$

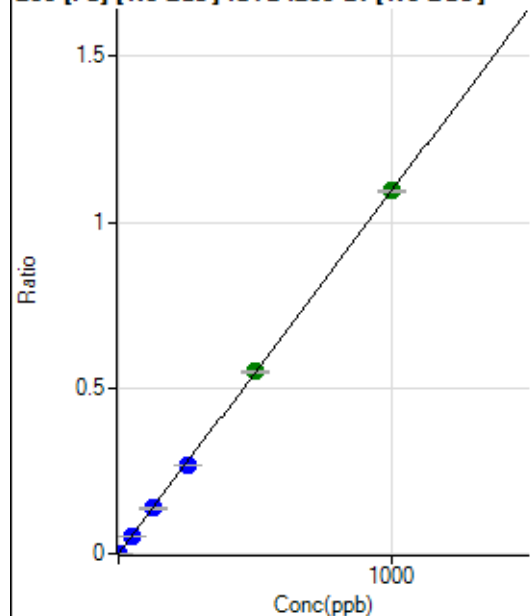
$$DL = 0.01416$$

$$BEC = 0.02642$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	4.3
2	☐	0.100					
3	☐	1.000	0.926	3469.11	0.0011	P	0.8
4	☐	50.000	49.239	176567.19	0.0539	P	2.2
5	☐	125.000	125.141	458768.19	0.1369	P	1.9
6	☐	250.000	244.549	935856.65	0.2676	P	0.6
7	☐	500.000	502.252	1960865.16	0.5495	A	1.0
8	☐	1000.000	1000.257	4004602.84	1.0942	A	0.8
9	☐			23240.30	0.0064	P	1.7

$$y = 0.0011 * x + 4.9828E-005$$

$$R = 1.0000$$

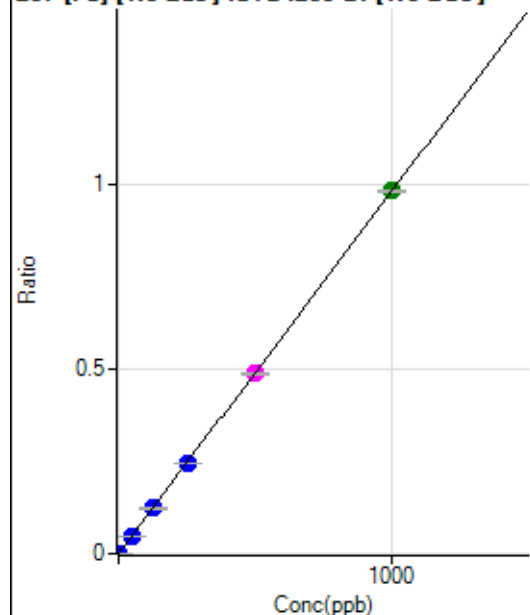
$$DL = 0.005896$$

$$BEC = 0.04555$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	11.4
2	☐	0.100					
3	☐	1.000	0.920	3080.11	0.0009	P	2.3
4	☐	50.000	49.931	160296.99	0.0489	P	1.8
5	☐	125.000	125.895	413167.81	0.1233	P	2.1
6	☐	250.000	247.404	847625.05	0.2423	P	0.4
7	☐	500.000	497.092	1737389.26	0.4869	M	1.1
8	☐	1000.000	1001.995	3591375.80	0.9813	A	0.4
9	☐			19498.78	0.0054	P	1.4

$$y = 9.7931\text{E-}004 * x + 4.2975\text{E-}005$$

$$R = 1.0000$$

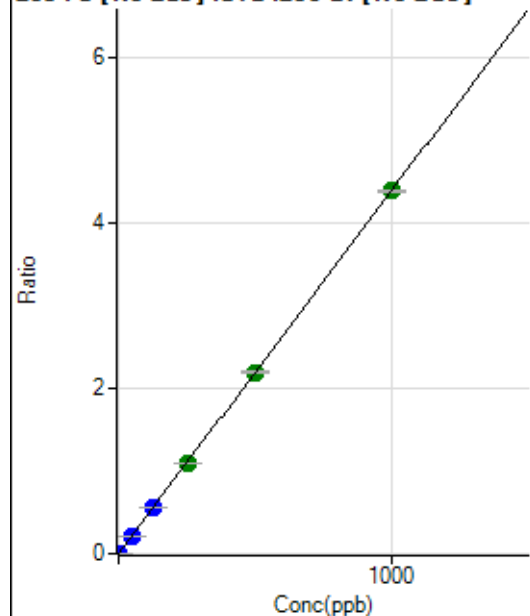
$$DL = 0.01507$$

$$BEC = 0.04388$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	596.32	0.0002	P	11.5
2	☐	0.100					
3	☐	1.000	0.944	14146.16	0.0043	P	1.0
4	☐	50.000	49.733	716503.94	0.2188	P	1.9
5	☐	125.000	126.192	1858712.13	0.5548	P	1.9
6	☐	250.000	249.112	3830259.51	1.0951	A	0.6
7	☐	500.000	500.643	7853186.69	2.2006	A	1.1
8	☐	1000.000	999.765	16081927.96	4.3943	A	0.6
9	☐			90472.16	0.0251	P	1.3

$$y = 0.0044 * x + 1.8449\text{E-}004$$

$$R = 1.0000$$

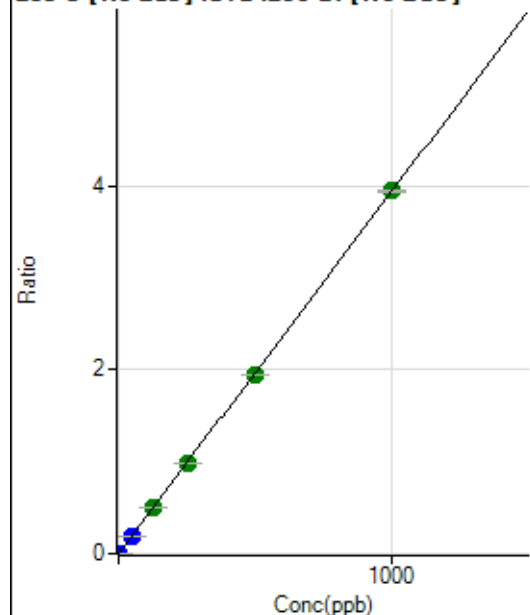
$$DL = 0.01451$$

$$BEC = 0.04198$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0000	P	8.7
2	☐	0.100					
3	☐	1.000	0.900	11725.54	0.0036	P	3.4
4	☐	50.000	48.286	623181.76	0.1902	P	1.3
5	☐	125.000	125.988	1662917.39	0.4963	A	1.2
6	☐	250.000	249.605	3439153.12	0.9833	A	1.2
7	☐	500.000	495.200	6961031.40	1.9507	A	0.4
8	☐	1000.000	1002.461	14451711.61	3.9488	A	0.5
9	☐			2633.74	0.0007	P	0.4

$$y = 0.0039 * x + 4.7252E-005$$

$$R = 1.0000$$

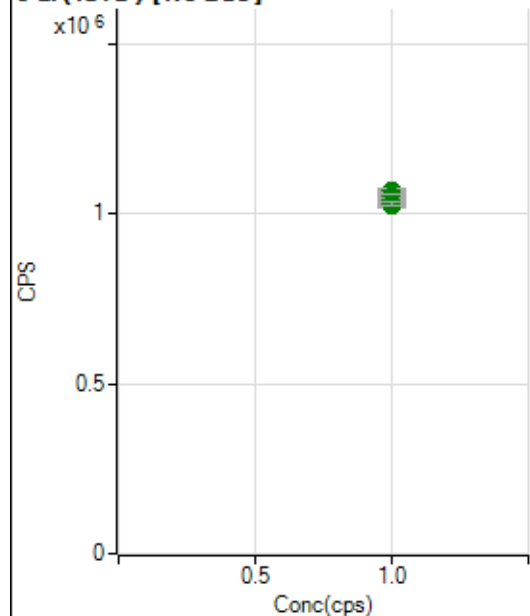
$$DL = 0.003147$$

$$BEC = 0.012$$

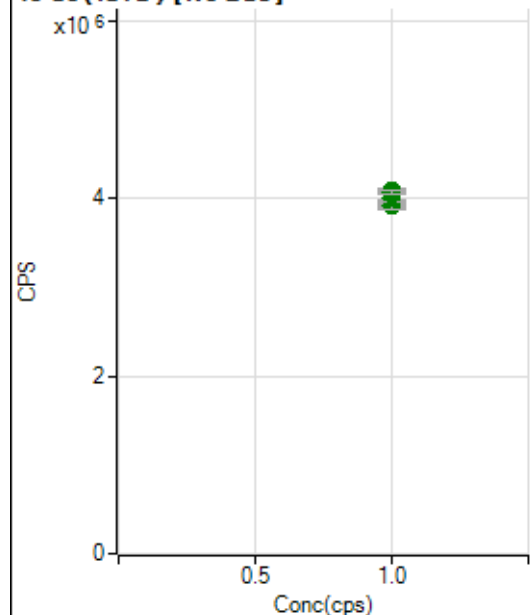
Weight: <None>

Min Conc: 0

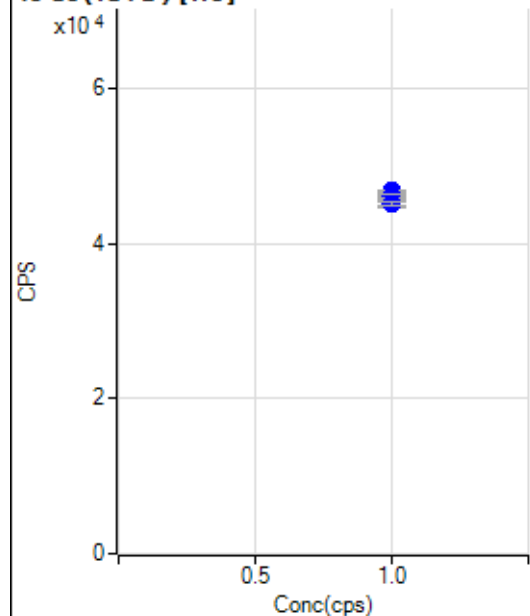
6 Li (ISTD) [No Gas]



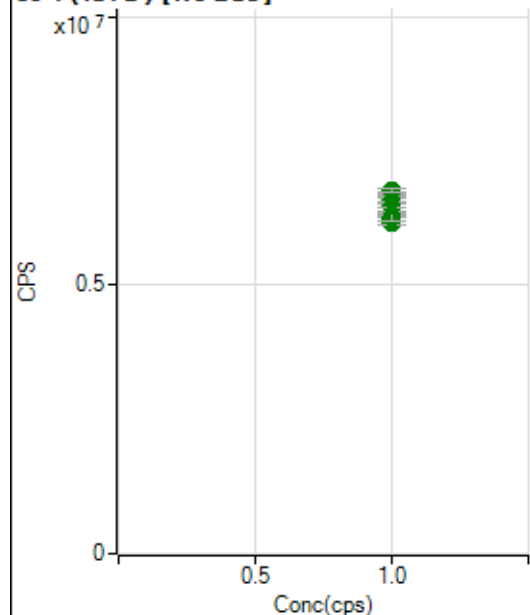
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1025719.39		A	0.6
2	☐	1.000					
3	☐	1.000		1040259.02		A	1.2
4	☐	1.000		1038373.76		A	0.9
5	☐	1.000		1042425.94		A	2.7
6	☐	1.000		1063951.13		A	0.8
7	☐	1.000		1068901.13		A	1.2
8	☐	1.000		1055015.54		A	1.2
9	☐	1.000		1032877.88		A	1.2

45 Sc (ISTD) [No Gas]

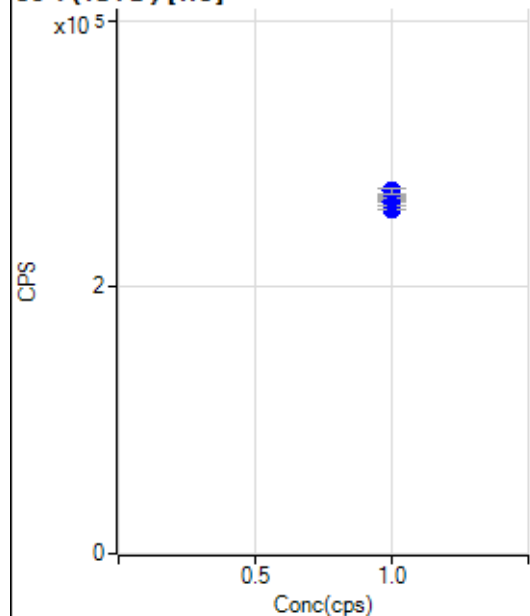
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3915955.38		A	0.6
2	☐	1.000					
3	☐	1.000		3966140.06		A	0.8
4	☐	1.000		3919574.96		A	1.9
5	☐	1.000		4003024.65		A	2.2
6	☐	1.000		4057337.59		A	0.6
7	☐	1.000		4068452.26		A	0.5
8	☐	1.000		4084750.40		A	1.0
9	☐	1.000		4077266.23		A	1.0

45 Sc (ISTD) [He]

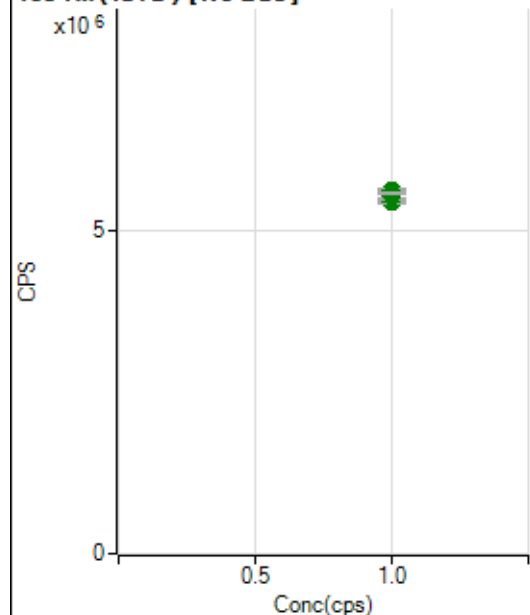
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		45077.84		P	1.2
2	☐	1.000					
3	☐	1.000		45944.89		P	1.5
4	☐	1.000		46843.43		P	0.4
5	☐	1.000		46024.14		P	0.5
6	☐	1.000		45183.62		P	2.2
7	☐	1.000		46202.45		P	0.4
8	☐	1.000		46198.07		P	1.2
9	☐	1.000		45263.89		P	1.1

89 Y (ISTD) [No Gas]

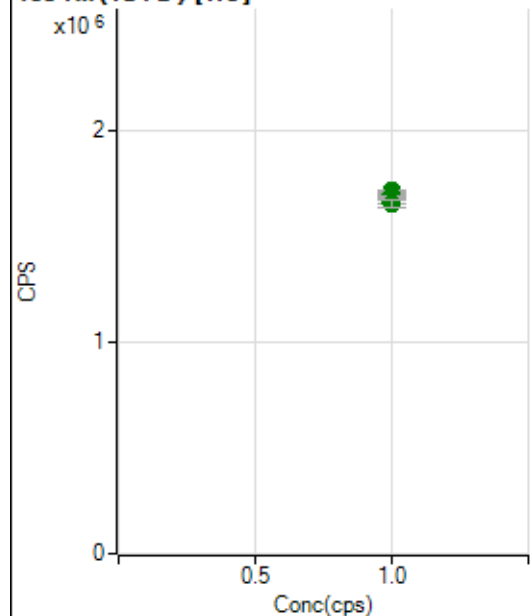
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6169100.40		A	1.0
2	☐	1.000					
3	☐	1.000		6297203.80		A	1.3
4	☐	1.000		6227208.24		A	2.8
5	☐	1.000		6280586.44		A	2.7
6	☐	1.000		6490277.96		A	0.9
7	☐	1.000		6587448.93		A	0.8
8	☐	1.000		6672052.26		A	0.5
9	☐	1.000		6759450.17		A	0.9

89 Y (ISTD) [He]

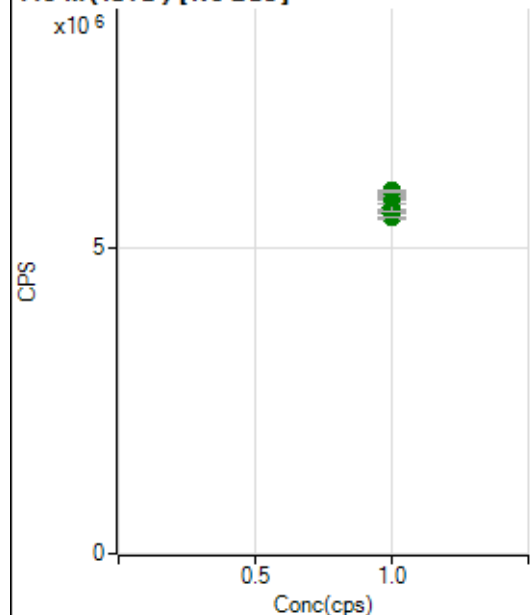
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		258108.43		P	0.3
2	☐	1.000					
3	☐	1.000		265731.43		P	0.2
4	☐	1.000		267957.22		P	0.3
5	☐	1.000		264391.80		P	0.7
6	☐	1.000		263433.72		P	1.4
7	☐	1.000		267369.56		P	0.7
8	☐	1.000		266460.10		P	0.3
9	☐	1.000		272037.89		P	1.2

103 Rh (ISTD) [No Gas]

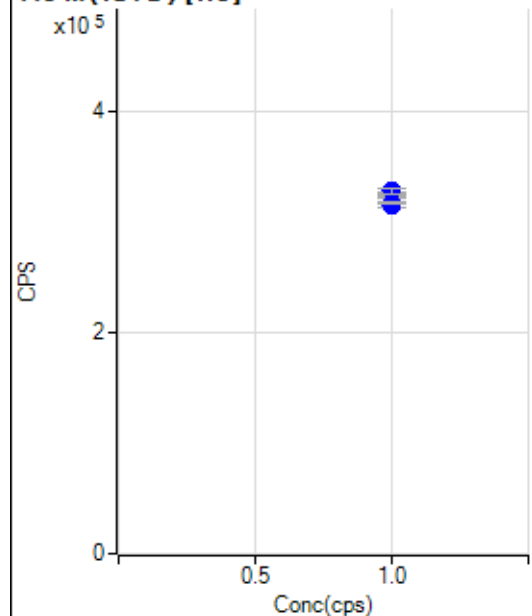
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5474034.33		A	1.2
2	☐	1.000					
3	☐	1.000		5470363.93		A	1.0
4	☐	1.000		5460569.65		A	1.6
5	☐	1.000		5539702.86		A	2.4
6	☐	1.000		5609027.42		A	0.6
7	☐	1.000		5598375.30		A	0.8
8	☐	1.000		5617221.00		A	1.0
9	☐	1.000		5570420.87		A	0.4

103 Rh (ISTD) [He]

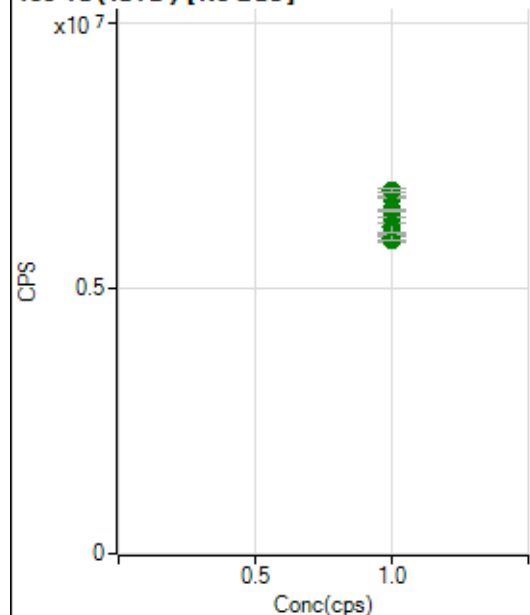
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1667495.55		A	0.8
2	☐	1.000					
3	☐	1.000		1695553.85		A	1.2
4	☐	1.000		1714436.43		A	1.1
5	☐	1.000		1711627.89		A	0.2
6	☐	1.000		1702395.37		A	0.7
7	☐	1.000		1717127.56		A	0.6
8	☐	1.000		1689211.23		A	0.7
9	☐	1.000		1656670.95		A	1.8

115 In (ISTD) [No Gas]

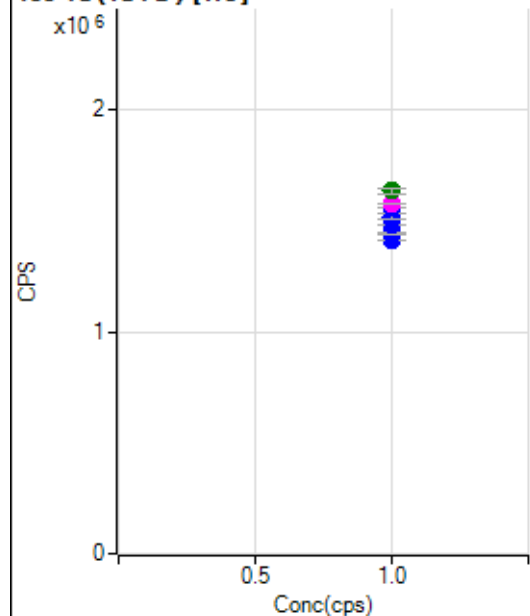
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5486217.80		A	0.7
2	☐	1.000					
3	☐	1.000		5552238.01		A	0.3
4	☐	1.000		5559028.99		A	2.5
5	☐	1.000		5652126.53		A	2.5
6	☐	1.000		5800723.77		A	0.8
7	☐	1.000		5825668.46		A	1.1
8	☐	1.000		5850086.33		A	0.8
9	☐	1.000		5922866.85		A	0.5

115 In (ISTD) [He]

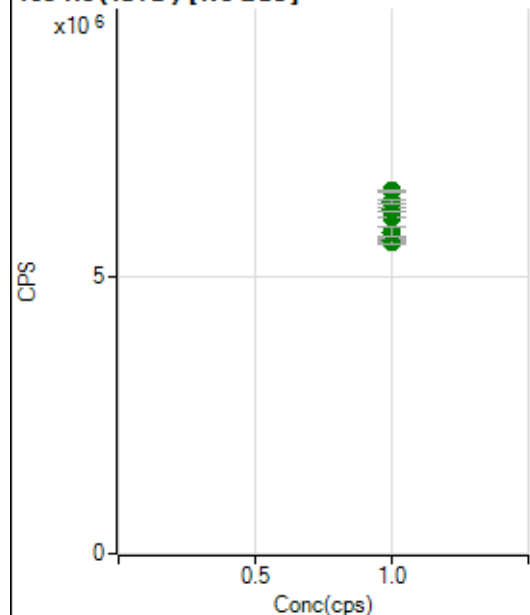
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		313957.87		P	0.9
2	☐	1.000					
3	☐	1.000		322477.64		P	0.8
4	☐	1.000		325781.74		P	0.3
5	☐	1.000		321656.35		P	0.6
6	☐	1.000		321139.56		P	1.7
7	☐	1.000		322178.82		P	0.2
8	☐	1.000		316441.18		P	0.5
9	☐	1.000		327583.87		P	1.5

159 Tb (ISTD) [No Gas]

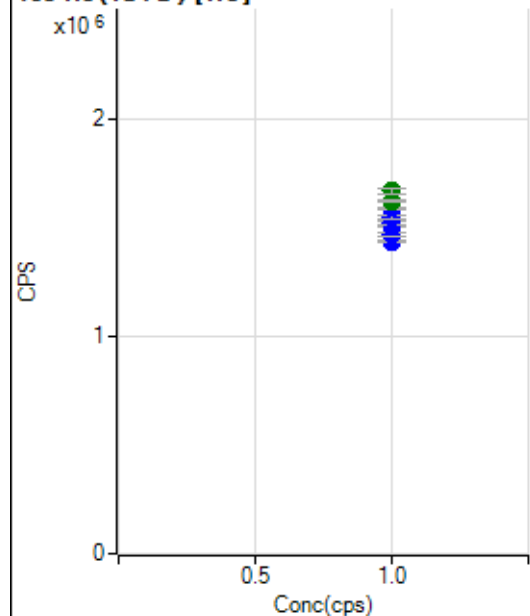
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5938974.01		A	1.4
2	☐	1.000					
3	☐	1.000		5887590.88		A	0.3
4	☐	1.000		5953718.38		A	2.2
5	☐	1.000		6143136.16		A	2.7
6	☐	1.000		6346197.13		A	0.2
7	☐	1.000		6471527.13		A	0.8
8	☐	1.000		6708548.03		A	0.7
9	☐	1.000		6832640.24		A	1.2

159 Tb (ISTD) [He]

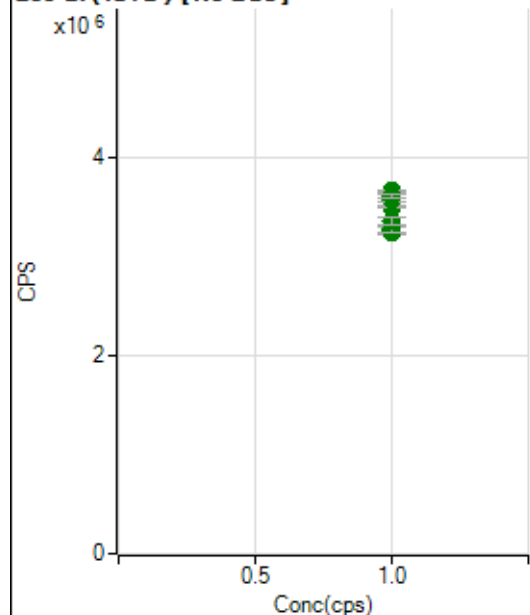
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1415381.89		P	0.3
2	☐	1.000					
3	☐	1.000		1441464.60		P	0.6
4	☐	1.000		1482102.10		P	0.3
5	☐	1.000		1507978.03		P	0.2
6	☐	1.000		1518741.49		P	1.8
7	☐	1.000		1559761.97		P	0.1
8	☐	1.000		1577393.40		M	0.4
9	☐	1.000		1636166.85		A	1.9

165 Ho (ISTD) [No Gas]

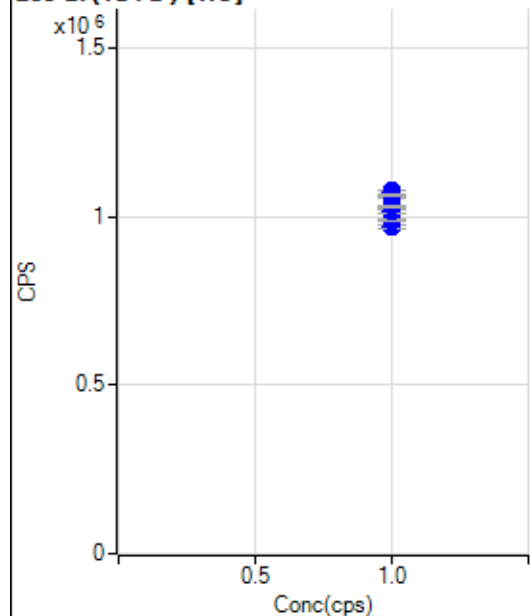
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5680057.68		A	0.6
2	☐	1.000					
3	☐	1.000		5617646.35		A	0.3
4	☐	1.000		5640136.54		A	2.2
5	☐	1.000		5802749.39		A	2.7
6	☐	1.000		6067699.66		A	0.3
7	☐	1.000		6203003.35		A	1.4
8	☐	1.000		6360471.67		A	1.0
9	☐	1.000		6543120.29		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1435288.31		P	0.2
2	☐	1.000					
3	☐	1.000		1466275.83		P	1.1
4	☐	1.000		1504936.56		P	0.3
5	☐	1.000		1520364.04		P	0.9
6	☐	1.000		1546942.91		P	1.3
7	☐	1.000		1587025.95		P	0.8
8	☐	1.000		1621582.40		A	0.6
9	☐	1.000		1667789.05		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3234296.90		A	0.9
2	☐	1.000					
3	☐	1.000		3263422.14		A	1.9
4	☐	1.000		3276035.06		A	1.9
5	☐	1.000		3351161.37		A	2.4
6	☐	1.000		3497856.37		A	0.6
7	☐	1.000		3568597.83		A	0.6
8	☐	1.000		3659834.53		A	0.6
9	☐	1.000		3603986.65		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		970818.36		P	1.0
2	☐	1.000					
3	☐	1.000		988670.70		P	0.9
4	☐	1.000		1012929.59		P	1.1
5	☐	1.000		1030939.43		P	0.5
6	☐	1.000		1057959.23		P	0.8
7	☐	1.000		1071703.79		P	0.6
8	☐	1.000		1075475.13		P	0.2
9	☐	1.000		1063845.22		P	0.7

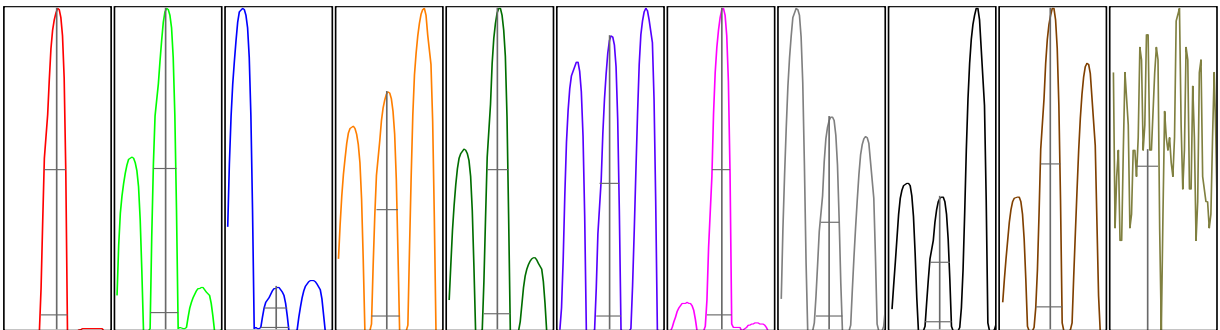
US EPA Tune Check Sample Report

Batch Folder D:\P8060718 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5849	1.51	5.00	
24	95677	1.41	5.00	
25	12737	1.20	5.00	
26	14817	1.13	5.00	
59	59164	0.83	5.00	
113	6921	1.28	5.00	
115	87929	2.91	5.00	
206	14863	3.23	5.00	
207	13469	3.01	5.00	
208	32237	2.89	5.00	
220	1	10.88		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5771	5944	5944	5773	5812
24	93617	95429	97243	95689	96408
25	12549	12702	12976	12722	12736
26	14632	14716	15078	14834	14828
59	58925	58598	58930	59675	59694
113	6909	6899	6879	6845	7074
115	89888	87085	87383	84390	90901
206	15103	14754	14763	14199	15498
207	13700	13373	13231	13004	14035
208	32995	31956	31800	31069	33363
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	10130	9.00	8.9 - 9.1		0.776	0.900	
24	160150	23.95	23.9 - 24.1		0.785	0.900	
25	21458	24.95	24.9 - 25.1		0.786	0.900	
26	25084	25.95	25.9 - 26.1		0.783	0.900	
59	104662	58.95	58.9 - 59.1		0.777	0.900	
113	13362	113.00	112.9 - 113.1		0.727	0.900	
115	167943	115.05	114.9 - 115.1		0.725	0.900	
206	27717	205.95	205.9 - 206.1		0.773	0.900	
207	25235	206.95	206.9 - 207.1		0.737	0.900	
208	60690	207.95	207.9 - 208.1		0.742	0.900	
220	1	219.60	-				

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	8.0	V	Deflect	14.2	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9238	2.54	
89	9631	2.30	
205	7970	2.20	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9384	9388	9323	8828	9268
89	9804	9757	9718	9252	9621
205	8115	8066	8018	7670	7983

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	8.0	V	Deflect	1.8	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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
He Flow	5.0	mL/min	OctP RF	180	V			

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:16:01	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.58	-0.62	1.20	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	-0.02	0.04	0.00	N/A	ppb
Barium	135-1	-0.03	0.01	0.02	0.00	N/A	ppb
Barium	137-1	-0.02	0.02	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.50	0.24	0.26	0.00	N/A	ppb
Boron	11-1	-0.03	0.00	0.03	0.00	N/A	ppb
Cadmium	111-1	0.00	0.01	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.07	0.15	-0.08	0.00	N/A	ppb
Cadmium	108-1	0.00	0.04	-0.04	0.00	N/A	ppb
Calcium	43-1	5.61	0.64	-6.24	0.00	N/A	ppb
Calcium	44-1	1.79	-0.35	-1.44	0.00	N/A	ppb
Chromium	52-2	0.07	0.00	-0.08	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.04	0.05	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.16	-0.05	-0.11	0.00	N/A	ppb
Iron	57-2	-0.14	0.39	-0.25	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.32	-0.41	0.73	0.00	N/A	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:16:01	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.04	-0.06	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.02	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.03	-0.02	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.02	-0.02	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	-0.02	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	2.31	2.13	-10.58	-2.05		ppb
Potassium	39-2	-2.52	8.12	-5.60	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.49	1.25	1.23	0.00	N/A	ppb
Selenium	78-2	-0.20	0.40	-0.20	0.00	N/A	ppb
Selenium	82-1	-0.39	0.21	0.18	0.00	N/A	ppb
Silicon	28-1	-0.43	-0.01	0.44	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.69	-1.45	-1.23	0.00	N/A	ppb
Strontium	86-1	0.00	-0.02	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-52.94	50.57	132.07	43.23	214.48	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	0.01	-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	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	0.06	0.00	0.00	N/A	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:16:01	DataFile Name :	003CALB.d

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

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:23:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.79	11.90	21.59	17.09	28.56	ppb
Antimony	121-1	1.92	1.87	1.90	1.89	1.14	ppb
Arsenic	75-2	0.84	0.87	0.94	0.88	5.70	ppb
Barium	135-1	9.48	9.74	9.90	9.71	2.21	ppb
Barium	137-1	9.84	9.73	9.73	9.76	0.66	ppb
Beryllium	9-1	0.98	0.90	0.92	0.93	4.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	22.68	22.79	25.24	23.57	6.14	ppb
Boron	11-1	21.73	23.44	23.57	22.91	4.48	ppb
Cadmium	111-1	1.14	1.10	1.21	1.15	4.98	ppb
Cadmium	106-1	1.10	2.72	2.87	2.23	44.14	ppb
Cadmium	108-1	1.07	1.19	0.86	1.04	16.05	ppb
Calcium	43-1	434.25	470.34	456.21	453.60	4.01	ppb
Calcium	44-1	440.97	445.39	448.06	444.80	0.80	ppb
Chromium	52-2	2.15	1.89	2.20	2.08	7.98	ppb
Cobalt	59-2	0.88	0.95	0.93	0.92	3.62	ppb
Copper	63-2	1.95	1.86	1.99	1.93	3.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	48.59	47.39	49.05	48.34	1.77	ppb
Iron	57-2	45.66	46.86	46.20	46.24	1.30	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.93	0.93	0.93	0.86	ppb
Lead	207-1	0.93	0.93	0.89	0.92	2.46	ppb
Lead	208-1	0.96	0.94	0.94	0.94	1.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	480.83	488.33	495.53	488.23	1.50	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:23:33	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.91	1.00	0.81	0.91	10.17	ppb
Molybdenum	94-1	4.67	4.81	4.71	4.73	1.48	ppb
Molybdenum	95-1	4.65	4.52	4.61	4.59	1.41	ppb
Molybdenum	96-1	4.37	4.55	4.65	4.52	3.16	ppb
Molybdenum	97-1	4.37	4.32	4.63	4.44	3.76	ppb
Molybdenum	98-1	4.64	4.72	4.86	4.74	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.11	1.10	1.10	2.00	ppb
Phosphorus	31-2	-10.58	-10.58	27.32	2.05	1068.03	ppb
Potassium	39-2	482.24	462.40	498.54	481.06	3.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	4.77	1.13	1.12	2.34	89.90	ppb
Selenium	78-2	5.56	6.12	6.67	6.12	9.13	ppb
Selenium	82-1	5.19	4.52	4.11	4.61	11.83	ppb
Silicon	28-1	15.43	16.92	16.98	16.44	5.33	ppb
Silver	109-1	1.04	1.05	0.97	1.02	4.12	ppb
Silver	107-1	1.00	1.01	1.01	1.01	0.54	ppb
Sodium	23-2	515.60	489.11	504.29	503.00	2.64	ppb
Strontium	86-1	0.82	0.95	0.95	0.91	8.52	ppb
Strontium	88-1	0.96	0.95	1.00	0.97	2.66	ppb
Sulfur	34-1	-194.35	9.14	55.51	-43.23		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.93	0.86	0.95	0.92	5.00	ppb
Thallium	205-1	0.88	0.90	0.95	0.91	4.14	ppb
Tin	118-1	4.82	4.89	4.96	4.89	1.48	ppb
Titanium	47-1	4.82	4.90	4.80	4.84	1.10	ppb
Uranium	238-1	0.92	0.86	0.92	0.90	3.48	ppb
Vanadium	51-2	4.63	4.82	4.83	4.76	2.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	2.21	2.56	2.37	2.38	7.45	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:23:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.88	0.93	0.92	0.91	3.03	ppb
Zirconium	91-1	1.00	0.86	0.97	0.94	8.19	ppb

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 12:27:18 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	994.37	1035.46	949.59	993.14	4.32	ppb
Antimony	121-1	52.18	50.61	50.46	51.08	1.87	ppb
Arsenic	75-2	48.77	50.26	51.50	50.18	2.73	ppb
Barium	135-1	263.73	256.48	251.41	257.21	2.41	ppb
Barium	137-1	265.49	257.00	253.96	258.82	2.31	ppb
Beryllium	9-1	52.92	52.70	50.79	52.14	2.24	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	48.50	48.33	51.55	49.46	3.67	ppb
Boron	11-1	47.60	48.86	50.10	48.85	2.55	ppb
Cadmium	111-1	55.33	52.50	52.30	53.37	3.17	ppb
Cadmium	106-1	58.35	56.64	55.07	56.69	2.89	ppb
Cadmium	108-1	56.40	54.86	52.88	54.71	3.23	ppb
Calcium	43-1	5176.35	5069.08	4971.86	5072.43	2.02	ppb
Calcium	44-1	5311.96	4993.76	5023.87	5109.86	3.44	ppb
Chromium	52-2	49.99	50.95	49.80	50.24	1.22	ppb
Cobalt	59-2	49.99	50.77	50.50	50.42	0.79	ppb
Copper	63-2	100.88	102.27	101.58	101.58	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	2571.75	2571.79	2557.35	2566.96	0.32	ppb
Iron	57-2	2500.28	2553.19	2487.88	2513.78	1.38	ppb
Krypton	83-1						cps
Lead	206-1	50.26	49.32	48.13	49.24	2.17	ppb
Lead	207-1	50.64	50.21	48.94	49.93	1.78	ppb
Lead	208-1	50.57	49.96	48.67	49.73	1.95	ppb
Lithium	6-1				101		%
Magnesium	24-2	5171.29	5139.78	5161.79	5157.62	0.31	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:27:18	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.12	102.24	100.29	101.55	1.08	ppb
Molybdenum	94-1	261.95	246.11	252.99	253.69	3.13	ppb
Molybdenum	95-1	261.20	248.22	252.03	253.82	2.63	ppb
Molybdenum	96-1	259.49	244.78	250.52	251.60	2.94	ppb
Molybdenum	97-1	256.62	243.53	246.93	249.02	2.73	ppb
Molybdenum	98-1	261.88	248.26	250.10	253.41	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.14	50.03	50.29	50.15	0.26	ppb
Phosphorus	31-2	1185.07	1232.28	897.33	1104.89	16.41	ppb
Potassium	39-2	2545.97	2598.90	2629.31	2591.40	1.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	58.33	47.91	47.84	51.36	11.76	ppb
Selenium	78-2	52.00	51.75	52.81	52.19	1.07	ppb
Selenium	82-1	54.44	50.94	51.40	52.26	3.65	ppb
Silicon	28-1	77.29	69.22	67.43	71.32	7.37	ppb
Silver	109-1	55.01	53.02	53.11	53.71	2.09	ppb
Silver	107-1	55.74	53.83	53.48	54.35	2.23	ppb
Sodium	23-2	5166.57	5216.42	5187.34	5190.11	0.48	ppb
Strontium	86-1	52.34	49.65	50.15	50.71	2.82	ppb
Strontium	88-1	52.37	50.17	50.63	51.06	2.27	ppb
Sulfur	34-1	1829.03	1382.40	1263.81	1491.75	19.98	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	50.28	49.14	48.43	49.28	1.89	ppb
Thallium	205-1	50.82	50.70	49.18	50.24	1.82	ppb
Tin	118-1	53.69	52.05	51.12	52.29	2.49	ppb
Titanium	47-1	261.99	253.81	255.40	257.06	1.69	ppb
Uranium	238-1	48.99	47.88	47.98	48.29	1.28	ppb
Vanadium	51-2	50.67	50.33	49.77	50.26	0.90	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	102.51	103.06	102.64	102.74	0.28	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:27:18	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	52.02	49.90	50.50	50.80	2.15	ppb
Zirconium	91-1	51.20	47.95	49.31	49.49	3.30	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:31:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2548.97	2421.24	2575.65	2515.28	3.28	ppb
Antimony	121-1	130.36	124.45	128.65	127.82	2.38	ppb
Arsenic	75-2	125.14	122.73	124.95	124.28	1.08	ppb
Barium	135-1	656.61	622.57	642.98	640.72	2.67	ppb
Barium	137-1	668.74	629.75	639.97	646.15	3.13	ppb
Beryllium	9-1	134.22	129.12	129.13	130.82	2.25	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	123.71	123.70	124.99	124.13	0.60	ppb
Boron	11-1	127.20	121.19	124.61	124.33	2.42	ppb
Cadmium	111-1	134.10	127.08	130.70	130.62	2.69	ppb
Cadmium	106-1	136.73	130.15	133.25	133.38	2.47	ppb
Cadmium	108-1	137.66	127.00	134.79	133.15	4.14	ppb
Calcium	43-1	12578.95	12233.42	12119.34	12310.57	1.94	ppb
Calcium	44-1	12606.12	12259.86	12076.90	12314.29	2.18	ppb
Chromium	52-2	126.75	126.01	127.33	126.70	0.52	ppb
Cobalt	59-2	125.74	124.07	127.38	125.73	1.32	ppb
Copper	63-2	256.94	253.13	255.15	255.08	0.75	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				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	6375.33	6320.08	6387.48	6360.97	0.56	ppb
Iron	57-2	6228.31	6301.19	6318.49	6282.67	0.76	ppb
Krypton	83-1						cps
Lead	206-1	127.79	123.05	124.58	125.14	1.93	ppb
Lead	207-1	128.99	124.17	124.52	125.89	2.13	ppb
Lead	208-1	128.89	124.80	124.89	126.19	1.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	12818.66	12821.01	12855.84	12831.83	0.16	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:31:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.69	252.22	253.11	253.34	0.49	ppb
Molybdenum	94-1	668.56	622.38	636.79	642.58	3.68	ppb
Molybdenum	95-1	673.05	631.26	638.93	647.75	3.44	ppb
Molybdenum	96-1	671.88	627.56	641.55	647.00	3.50	ppb
Molybdenum	97-1	649.06	611.06	620.14	626.75	3.17	ppb
Molybdenum	98-1	671.53	629.66	640.78	647.33	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.38	127.38	129.38	128.38	0.78	ppb
Phosphorus	31-2	2285.74	2582.70	2585.86	2484.77	6.94	ppb
Potassium	39-2	6391.48	6324.12	6505.47	6407.02	1.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	127.55	81.27	133.04	113.95	24.96	ppb
Selenium	78-2	134.43	151.11	142.70	142.75	5.84	ppb
Selenium	82-1	134.72	126.33	130.69	130.58	3.21	ppb
Silicon	28-1	176.89	166.93	163.74	169.19	4.05	ppb
Silver	109-1	135.77	128.08	132.33	132.06	2.91	ppb
Silver	107-1	135.31	129.32	131.94	132.19	2.27	ppb
Sodium	23-2	13349.09	13177.74	13643.31	13390.04	1.76	ppb
Strontium	86-1	128.61	122.51	126.33	125.82	2.45	ppb
Strontium	88-1	131.51	128.22	129.32	129.69	1.29	ppb
Sulfur	34-1	2932.32	2417.33	2423.33	2591.00	11.41	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	129.39	124.25	125.38	126.34	2.14	ppb
Thallium	205-1	131.26	124.98	127.56	127.94	2.46	ppb
Tin	118-1	133.40	125.32	130.01	129.58	3.13	ppb
Titanium	47-1	642.62	626.09	620.63	629.78	1.82	ppb
Uranium	238-1	127.76	124.90	125.31	125.99	1.23	ppb
Vanadium	51-2	126.14	124.89	127.53	126.19	1.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	258.78	251.25	255.48	255.17	1.48	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:31:01	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	132.19	125.34	127.50	128.34	2.73	ppb
Zirconium	91-1	129.61	122.52	124.10	125.41	2.97	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:34:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5111.77	5197.55	5061.84	5123.72	1.34	ppb
Antimony	121-1	255.16	254.44	257.18	255.60	0.56	ppb
Arsenic	75-2	256.93	251.98	252.72	253.88	1.05	ppb
Barium	135-1	1273.75	1273.33	1289.44	1278.84	0.72	ppb
Barium	137-1	1289.21	1281.68	1282.71	1284.53	0.32	ppb
Beryllium	9-1	255.03	252.04	257.29	254.79	1.03	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	247.43	242.19	255.23	248.28	2.64	ppb
Boron	11-1	244.22	244.05	254.79	247.69	2.48	ppb
Cadmium	111-1	256.26	254.17	257.06	255.83	0.58	ppb
Cadmium	106-1	256.05	260.42	256.22	257.56	0.96	ppb
Cadmium	108-1	261.66	254.13	258.75	258.18	1.47	ppb
Calcium	43-1	24409.20	24735.73	24909.52	24684.82	1.03	ppb
Calcium	44-1	24359.08	24241.52	24517.44	24372.68	0.57	ppb
Chromium	52-2	261.20	264.85	251.61	259.22	2.64	ppb
Cobalt	59-2	260.87	262.17	251.02	258.02	2.36	ppb
Copper	63-2	525.08	529.63	506.20	520.30	2.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	12981.37	13183.93	12540.72	12902.01	2.55	ppb
Iron	57-2	13049.11	13119.01	12517.18	12895.10	2.55	ppb
Krypton	83-1						cps
Lead	206-1	243.19	244.21	246.25	244.55	0.64	ppb
Lead	207-1	246.30	247.95	247.96	247.40	0.39	ppb
Lead	208-1	247.92	248.61	250.80	249.11	0.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	26313.82	26537.71	25473.15	26108.23	2.15	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:34:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	520.88	525.17	507.81	517.95	1.75	ppb
Molybdenum	94-1	1262.02	1268.19	1255.48	1261.90	0.50	ppb
Molybdenum	95-1	1251.27	1275.62	1241.39	1256.09	1.40	ppb
Molybdenum	96-1	1258.57	1273.30	1238.98	1256.95	1.37	ppb
Molybdenum	97-1	1257.41	1282.64	1252.30	1264.12	1.29	ppb
Molybdenum	98-1	1249.96	1266.93	1230.16	1249.02	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.37	267.07	256.99	263.81	2.24	ppb
Phosphorus	31-2	5512.87	4768.87	5037.56	5106.43	7.38	ppb
Potassium	39-2	13285.05	13379.28	12684.59	13116.31	2.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	320.26	288.71	289.74	299.57	5.98	ppb
Selenium	78-2	256.90	246.87	236.68	246.82	4.10	ppb
Selenium	82-1	250.48	258.27	254.00	254.25	1.53	ppb
Silicon	28-1	265.74	266.47	269.10	267.10	0.66	ppb
Silver	109-1	266.31	266.00	266.06	266.12	0.06	ppb
Silver	107-1	266.26	262.77	263.21	264.08	0.72	ppb
Sodium	23-2	27217.41	27586.75	26634.02	27146.06	1.77	ppb
Strontium	86-1	248.53	249.88	247.10	248.50	0.56	ppb
Strontium	88-1	249.88	251.62	249.97	250.49	0.39	ppb
Sulfur	34-1	4823.23	4840.61	4893.84	4852.56	0.76	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	244.76	249.20	249.21	247.72	1.04	ppb
Thallium	205-1	252.15	257.22	259.61	256.33	1.49	ppb
Tin	118-1	255.83	254.39	258.95	256.39	0.91	ppb
Titanium	47-1	1264.82	1270.43	1252.21	1262.49	0.74	ppb
Uranium	238-1	246.40	250.38	252.04	249.61	1.16	ppb
Vanadium	51-2	260.87	262.33	249.43	257.54	2.74	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	530.33	529.56	505.05	521.64	2.76	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:34:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	249.89	254.83	251.12	251.95	1.02	ppb
Zirconium	91-1	245.62	247.61	246.01	246.41	0.43	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:38:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9733.23	9727.14	9433.31	9631.23	1.78	ppb
Antimony	121-1	504.51	505.46	503.26	504.41	0.22	ppb
Arsenic	75-2	488.10	493.20	493.74	491.68	0.63	ppb
Barium	135-1	2493.90	2527.36	2502.07	2507.78	0.70	ppb
Barium	137-1	2495.32	2501.22	2496.19	2497.58	0.13	ppb
Beryllium	9-1	489.54	500.69	498.48	496.23	1.19	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Boron	10-1	472.66	496.84	501.18	490.23	3.13	ppb
Boron	11-1	474.65	494.67	505.35	491.56	3.17	ppb
Cadmium	111-1	500.57	495.98	507.64	501.39	1.17	ppb
Cadmium	106-1	510.11	495.83	519.60	508.51	2.35	ppb
Cadmium	108-1	502.77	507.59	509.75	506.70	0.71	ppb
Calcium	43-1	49359.28	48514.33	48861.34	48911.65	0.87	ppb
Calcium	44-1	48667.92	47701.88	48492.90	48287.57	1.07	ppb
Chromium	52-2	499.70	501.43	496.97	499.36	0.45	ppb
Cobalt	59-2	495.01	499.80	494.48	496.43	0.59	ppb
Copper	63-2	1010.97	1008.40	1003.18	1007.52	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	24723.01	25041.61	24790.76	24851.79	0.68	ppb
Iron	57-2	24866.73	24632.54	24520.26	24673.18	0.72	ppb
Krypton	83-1						cps
Lead	206-1	507.82	499.70	499.23	502.25	0.96	ppb
Lead	207-1	497.84	502.29	491.15	497.09	1.13	ppb
Lead	208-1	505.09	502.19	494.65	500.64	1.08	ppb
Lithium	6-1				104		%
Magnesium	24-2	50637.90	50307.96	50330.54	50425.47	0.37	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:38:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1009.29	1008.02	998.00	1005.10	0.62	ppb
Molybdenum	94-1	2471.91	2497.60	2466.20	2478.57	0.67	ppb
Molybdenum	95-1	2487.97	2485.19	2474.82	2482.66	0.28	ppb
Molybdenum	96-1	2466.43	2511.23	2425.76	2467.81	1.73	ppb
Molybdenum	97-1	2488.58	2468.16	2451.25	2469.33	0.76	ppb
Molybdenum	98-1	2500.79	2499.32	2451.05	2483.72	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.83	504.87	503.23	503.97	0.16	ppb
Phosphorus	31-2	10856.62	9600.73	10212.99	10223.45	6.14	ppb
Potassium	39-2	24882.92	25303.05	24848.24	25011.40	1.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	565.31	449.64	412.31	475.75	16.77	ppb
Selenium	78-2	490.27	502.89	515.79	502.98	2.54	ppb
Selenium	82-1	497.06	501.16	492.95	497.06	0.83	ppb
Silicon	28-1	531.18	530.80	542.87	534.95	1.28	ppb
Silver	109-1	507.37	508.39	512.56	509.44	0.54	ppb
Silver	107-1	508.39	503.44	515.99	509.28	1.24	ppb
Sodium	23-2	50646.85	50962.54	50115.03	50574.81	0.85	ppb
Strontium	86-1	490.16	493.44	488.47	490.69	0.52	ppb
Strontium	88-1	496.44	500.13	491.55	496.04	0.87	ppb
Sulfur	34-1	9906.96	9461.19	9716.71	9694.95	2.31	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	508.14	494.76	496.67	499.86	1.45	ppb
Thallium	205-1	506.68	500.24	497.97	501.63	0.90	ppb
Tin	118-1	505.88	506.47	511.65	508.00	0.63	ppb
Titanium	47-1	2510.08	2495.02	2519.98	2508.36	0.50	ppb
Uranium	238-1	493.60	494.61	497.39	495.20	0.40	ppb
Vanadium	51-2	495.69	497.67	495.74	496.37	0.23	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	991.52	1001.71	1002.59	998.61	0.62	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:38:11	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.35	501.28	494.10	499.24	0.90	ppb
Zirconium	91-1	490.96	491.98	486.30	489.75	0.62	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:41:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19331.71	19352.52	19619.48	19434.57	0.83	ppb
Antimony	121-1	1002.82	998.28	986.87	995.99	0.82	ppb
Arsenic	75-2	1002.99	1000.19	1006.64	1003.27	0.32	ppb
Barium	135-1	4980.39	4997.15	4982.19	4986.58	0.18	ppb
Barium	137-1	4981.31	4996.46	4990.72	4989.49	0.15	ppb
Beryllium	9-1	1015.33	997.37	986.86	999.85	1.44	ppb
Bismuth	209-1				113		%
Bismuth	209-2				111		%
Boron	10-1	1007.28	996.99	1012.19	1005.49	0.77	ppb
Boron	11-1	1000.57	993.79	1020.62	1004.99	1.39	ppb
Cadmium	111-1	1009.11	1009.07	972.74	996.97	2.11	ppb
Cadmium	106-1	986.73	1013.02	977.66	992.47	1.85	ppb
Cadmium	108-1	1002.15	1000.30	977.59	993.35	1.38	ppb
Calcium	43-1	97589.67	98533.85	98554.51	98226.01	0.56	ppb
Calcium	44-1	96977.58	98330.75	96598.33	97302.22	0.94	ppb
Chromium	52-2	991.88	993.70	1007.79	997.79	0.87	ppb
Cobalt	59-2	987.65	993.67	1017.68	999.67	1.59	ppb
Copper	63-2	1980.69	1980.95	2009.71	1990.45	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				112		%
Holmium	165-2				113		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	49830.27	49741.57	50484.61	50018.82	0.81	ppb
Iron	57-2	48866.22	49047.58	49920.44	49278.08	1.14	ppb
Krypton	83-1						cps
Lead	206-1	1009.13	999.08	992.57	1000.26	0.83	ppb
Lead	207-1	1004.05	1004.96	996.97	1001.99	0.44	ppb
Lead	208-1	1002.82	1003.88	992.59	999.77	0.62	ppb
Lithium	6-1				103		%
Magnesium	24-2	98817.52	98759.36	99159.33	98912.07	0.22	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:41:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1973.37	1989.80	2014.23	1992.47	1.03	ppb
Molybdenum	94-1	4984.43	4993.40	5038.25	5005.36	0.58	ppb
Molybdenum	95-1	4990.96	4972.55	5048.83	5004.11	0.80	ppb
Molybdenum	96-1	5025.87	5042.78	4965.93	5011.53	0.81	ppb
Molybdenum	97-1	5000.94	5033.96	5000.01	5011.64	0.39	ppb
Molybdenum	98-1	4991.69	5022.36	5002.22	5005.42	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.27	991.05	1004.07	994.13	0.89	ppb
Phosphorus	31-2	19837.20	20260.83	19476.95	19858.33	1.98	ppb
Potassium	39-2	50813.80	50074.78	50277.87	50388.81	0.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	1131.55	944.15	927.46	1001.06	11.32	ppb
Selenium	78-2	997.32	987.75	1005.86	996.97	0.91	ppb
Selenium	82-1	999.58	1000.40	998.81	999.60	0.08	ppb
Silicon	28-1	965.51	995.85	953.43	971.60	2.25	ppb
Silver	109-1	992.41	994.87	983.26	990.18	0.62	ppb
Silver	107-1	998.53	999.11	974.54	990.73	1.41	ppb
Sodium	23-2	99656.84	100520.41	101769.39	100648.88	1.06	ppb
Strontium	86-1	1002.05	1006.94	1005.68	1004.89	0.25	ppb
Strontium	88-1	1004.78	999.68	999.19	1001.22	0.31	ppb
Sulfur	34-1	19978.23	20582.54	19899.48	20153.42	1.85	ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	1003.55	1008.00	989.99	1000.51	0.94	ppb
Thallium	205-1	999.56	998.56	993.55	997.23	0.32	ppb
Tin	118-1	988.54	1001.40	991.20	993.72	0.68	ppb
Titanium	47-1	4965.87	5031.65	4977.72	4991.75	0.70	ppb
Uranium	238-1	997.83	1007.92	1001.63	1002.46	0.51	ppb
Vanadium	51-2	987.47	1000.89	1010.95	999.77	1.18	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	1990.09	1982.37	2011.05	1994.50	0.74	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:41:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1004.03	995.55	998.72	999.43	0.43	ppb
Zirconium	91-1	998.85	1005.55	1013.59	1006.00	0.73	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:44:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98845.06	101635.03	99950.31	100143.47	1.40	ppb
Antimony	121-1	2.56	2.42	2.23	2.40	6.90	ppb
Arsenic	75-2	0.48	0.44	0.45	0.46	4.16	ppb
Barium	135-1	1.84	2.11	1.99	1.98	6.80	ppb
Barium	137-1	1.99	1.81	2.07	1.96	6.93	ppb
Beryllium	9-1	0.22	0.19	0.20	0.20	7.82	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	43.71	39.35	32.41	38.49	14.81	ppb
Boron	11-1	41.64	36.96	34.11	37.57	10.12	ppb
Cadmium	111-1	0.27	0.20	0.29	0.25	18.56	ppb
Cadmium	106-1	0.60	0.27	1.11	0.66	63.51	ppb
Cadmium	108-1	0.31	0.35	0.31	0.32	6.96	ppb
Calcium	43-1	495050.15	500862.77	505537.43	500483.45	1.05	ppb
Calcium	44-1	496468.05	500688.84	505080.41	500745.76	0.86	ppb
Chromium	52-2	46.87	47.26	47.61	47.25	0.78	ppb
Cobalt	59-2	1.71	1.75	1.60	1.69	4.73	ppb
Copper	63-2	3.77	3.81	3.73	3.77	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				116		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	249065.45	250691.56	250205.53	249987.51	0.33	ppb
Iron	57-2	248441.46	252329.95	249697.66	250156.36	0.79	ppb
Krypton	83-1						cps
Lead	206-1	5.74	5.93	5.88	5.85	1.70	ppb
Lead	207-1	5.43	5.44	5.57	5.48	1.43	ppb
Lead	208-1	5.60	5.67	5.74	5.67	1.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	493692.24	508857.82	497779.25	500109.77	1.57	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:44:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.94	11.28	11.14	11.12	1.55	ppb
Molybdenum	94-1	7.63	7.76	7.44	7.61	2.07	ppb
Molybdenum	95-1	10.34	10.10	10.01	10.15	1.68	ppb
Molybdenum	96-1	10.14	10.18	9.92	10.08	1.38	ppb
Molybdenum	97-1	10.08	9.40	9.49	9.66	3.85	ppb
Molybdenum	98-1	9.85	10.19	9.94	9.99	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.32	29.74	29.55	29.54	0.71	ppb
Phosphorus	31-2	39.67	2.25	2.06	14.66	147.71	ppb
Potassium	39-2	247264.95	253726.69	248664.80	249885.48	1.36	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	4.60	-2.49	-2.49	-0.12		ppb
Selenium	78-2	2.05	1.51	1.46	1.67	19.56	ppb
Selenium	82-1	1.74	1.06	1.67	1.49	24.85	ppb
Silicon	28-1	50.18	54.76	55.29	53.41	5.26	ppb
Silver	109-1	0.15	0.15	0.15	0.15	0.60	ppb
Silver	107-1	0.15	0.14	0.15	0.15	2.24	ppb
Sodium	23-2	493882.98	505324.22	499836.65	499681.28	1.15	ppb
Strontium	86-1	33.66	34.74	34.48	34.29	1.64	ppb
Strontium	88-1	34.41	34.94	34.75	34.70	0.78	ppb
Sulfur	34-1	-1083.08	-677.51	-664.98	-808.52		ppb
Terbium	159-1				115		%
Terbium	159-2				116		%
Thallium	203-1	0.60	0.60	0.62	0.61	2.36	ppb
Thallium	205-1	0.65	0.67	0.63	0.65	2.82	ppb
Tin	118-1	2.99	3.18	2.96	3.04	3.86	ppb
Titanium	47-1	2.77	3.23	2.94	2.98	7.73	ppb
Uranium	238-1	0.17	0.17	0.17	0.17	0.43	ppb
Vanadium	51-2	0.61	0.56	0.55	0.57	5.34	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	9.91	9.86	10.58	10.12	3.98	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:44:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.38	0.36	0.35	0.36	4.23	ppb
Zirconium	91-1	0.34	0.38	0.44	0.39	12.87	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:54:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.92	499.87	469.95	486.58	3.13	ppb
Antimony	121-1	202.80	193.16	195.84	197.27	2.52	ppb
Arsenic	75-2	194.48	194.73	192.65	193.95	0.58	ppb
Barium	135-1	104.05	98.49	97.28	99.94	3.61	ppb
Barium	137-1	103.47	99.95	99.50	100.97	2.15	ppb
Beryllium	9-1	104.59	97.36	96.86	99.60	4.34	ppb
Bismuth	209-1				111		%
Bismuth	209-2				115		%
Boron	10-1	470.93	460.24	471.34	467.50	1.35	ppb
Boron	11-1	475.15	463.00	472.57	470.24	1.36	ppb
Cadmium	111-1	106.56	102.17	101.68	103.47	2.60	ppb
Cadmium	106-1	164.20	151.57	154.46	156.74	4.22	ppb
Cadmium	108-1	132.72	125.53	123.23	127.16	3.89	ppb
Calcium	43-1	2234.98	2078.18	2093.42	2135.53	4.05	ppb
Calcium	44-1	2137.87	2003.73	1990.05	2043.88	4.00	ppb
Chromium	52-2	95.43	96.29	96.88	96.20	0.76	ppb
Cobalt	59-2	99.53	99.94	100.91	100.13	0.71	ppb
Copper	63-2	100.47	101.29	101.91	101.22	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	989.37	997.90	992.05	993.10	0.44	ppb
Iron	57-2	999.75	988.61	980.77	989.71	0.96	ppb
Krypton	83-1						cps
Lead	206-1	208.61	196.19	189.13	197.98	4.98	ppb
Lead	207-1	202.29	190.60	184.24	192.38	4.76	ppb
Lead	208-1	206.26	195.20	188.66	196.71	4.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	1207.01	1245.36	1199.58	1217.32	2.02	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:54:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.98	99.92	98.28	99.06	0.83	ppb
Molybdenum	94-1	1155.44	1099.61	1084.72	1113.25	3.35	ppb
Molybdenum	95-1	535.55	498.72	493.41	509.23	4.51	ppb
Molybdenum	96-1	612.88	576.76	571.04	586.89	3.87	ppb
Molybdenum	97-1	510.88	484.75	476.23	490.62	3.68	ppb
Molybdenum	98-1	529.90	499.27	490.91	506.70	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.61	102.24	102.46	102.10	0.43	ppb
Phosphorus	31-2	14.29	-10.58	2.02	1.91	652.24	ppb
Potassium	39-2	1974.79	2003.23	2026.20	2001.41	1.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	257.77	188.31	219.97	222.02	15.66	ppb
Selenium	78-2	191.48	211.62	183.60	195.57	7.39	ppb
Selenium	82-1	208.90	197.35	191.30	199.18	4.49	ppb
Silicon	28-1	513.03	468.32	466.71	482.69	5.45	ppb
Silver	109-1	104.45	99.52	100.15	101.37	2.65	ppb
Silver	107-1	106.07	100.22	100.34	102.21	3.27	ppb
Sodium	23-2	2045.97	2028.06	2037.64	2037.22	0.44	ppb
Strontium	86-1	510.97	484.91	474.07	489.98	3.87	ppb
Strontium	88-1	514.26	487.50	481.07	494.28	3.56	ppb
Sulfur	34-1	155.48	-819.92	-660.65	-441.70		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	213.33	201.66	194.78	203.25	4.61	ppb
Thallium	205-1	223.01	208.39	200.84	210.75	5.35	ppb
Tin	118-1	539.49	507.63	501.81	516.31	3.93	ppb
Titanium	47-1	519.54	488.97	487.10	498.54	3.65	ppb
Uranium	238-1	521.07	477.73	471.06	489.96	5.54	ppb
Vanadium	51-2	95.77	97.81	97.22	96.94	1.08	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	204.51	201.43	204.11	203.35	0.82	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:54:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	520.68	491.01	482.17	497.96	4.05	ppb
Zirconium	91-1	508.66	481.82	472.44	487.64	3.85	ppb

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 12:58:31 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.63	0.34	1.24	0.32	296.07	ppb
Antimony	121-1	0.57	0.50	0.42	0.50	14.39	ppb
Arsenic	75-2	0.02	-0.04	0.08	0.02	269.51	ppb
Barium	135-1	0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.01	0.01	-0.01		ppb
Beryllium	9-1	0.06	0.03	0.02	0.04	58.05	ppb
Bismuth	209-1				113		%
Bismuth	209-2				113		%
Boron	10-1	19.35	16.07	14.85	16.76	13.90	ppb
Boron	11-1	17.13	16.36	15.57	16.35	4.76	ppb
Cadmium	111-1	0.13	-0.04	0.03	0.04	219.81	ppb
Cadmium	106-1	1.30	-0.47	0.30	0.38	236.70	ppb
Cadmium	108-1	-0.07	0.06	0.13	0.04	262.62	ppb
Calcium	43-1	-6.10	-11.01	-7.41	-8.17		ppb
Calcium	44-1	1.34	0.00	-0.05	0.43	183.97	ppb
Chromium	52-2	-0.06	-0.05	-0.06	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.03	-0.01	-0.02	0.00		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				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	0.08	0.28	0.62	0.33	82.63	ppb
Iron	57-2	-0.83	0.44	-0.21	-0.20		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	15.09	ppb
Lead	207-1	0.04	0.03	0.04	0.04	13.85	ppb
Lead	208-1	0.04	0.04	0.05	0.04	9.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	-2.03	-0.96	1.79	-0.40		ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:58:31	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.10	-0.08	-0.07		ppb
Molybdenum	94-1	0.33	0.31	0.23	0.29	17.89	ppb
Molybdenum	95-1	0.25	0.27	0.18	0.23	19.18	ppb
Molybdenum	96-1	0.26	0.22	0.22	0.23	11.40	ppb
Molybdenum	97-1	0.25	0.20	0.21	0.22	10.49	ppb
Molybdenum	98-1	0.27	0.24	0.20	0.24	15.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.01	-0.02		ppb
Phosphorus	31-2	-10.58	2.24	-10.58	-6.31		ppb
Potassium	39-2	23.43	4.25	9.71	12.46	79.30	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	-2.49	1.13	-2.49	-1.28		ppb
Selenium	78-2	0.94	1.53	0.94	1.14	29.71	ppb
Selenium	82-1	-0.18	0.62	-0.21	0.08	622.19	ppb
Silicon	28-1	-16.16	-18.68	-15.95	-16.93		ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.96	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.19	ppb
Sodium	23-2	46.87	50.90	54.44	50.74	7.46	ppb
Strontium	86-1	0.01	-0.08	0.01	-0.02		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	19.42	ppb
Sulfur	34-1	-719.65	-749.18	-624.04	-697.62		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.10	0.09	0.08	0.09	10.92	ppb
Thallium	205-1	0.11	0.11	0.08	0.10	14.66	ppb
Tin	118-1	0.23	0.18	0.23	0.21	14.12	ppb
Titanium	47-1	0.07	-0.04	0.11	0.05	162.65	ppb
Uranium	238-1	0.01	0.02	0.01	0.02	26.27	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	137.42	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	-0.09	0.03	-0.05	-0.04		ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:58:31	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.05	0.05	0.06	29.87	ppb
Zirconium	91-1	0.04	0.06	0.04	0.04	25.22	ppb

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:01:54 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92221.48	98352.13	91123.12	93898.91	4.15	ppb
Antimony	121-1	1.25	1.25	1.25	1.25	0.07	ppb
Arsenic	75-2	0.20	0.18	0.35	0.24	40.03	ppb
Barium	135-1	1.56	1.53	1.51	1.53	1.62	ppb
Barium	137-1	1.46	1.44	1.34	1.41	4.52	ppb
Beryllium	9-1	0.25	0.29	0.25	0.26	9.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	10.74	11.01	9.84	10.53	5.82	ppb
Boron	11-1	10.46	10.22	9.22	9.97	6.60	ppb
Cadmium	111-1	0.39	0.35	0.39	0.38	5.88	ppb
Cadmium	106-1	1.41	0.22	1.16	0.93	67.48	ppb
Cadmium	108-1	7.55	7.50	7.27	7.44	2.01	ppb
Calcium	43-1	93585.47	93988.77	93504.43	93692.89	0.28	ppb
Calcium	44-1	92508.49	92538.56	92222.63	92423.23	0.19	ppb
Chromium	52-2	19.93	21.03	19.50	20.15	3.93	ppb
Cobalt	59-2	1.02	1.24	1.21	1.16	10.13	ppb
Copper	63-2	7.59	8.24	7.37	7.73	5.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	98305.02	106123.43	96970.25	100466.23	4.92	ppb
Iron	57-2	99476.85	106454.09	100470.26	102133.73	3.70	ppb
Krypton	83-1						cps
Lead	206-1	4.73	4.85	4.89	4.82	1.71	ppb
Lead	207-1	4.17	4.19	4.15	4.17	0.56	ppb
Lead	208-1	4.38	4.45	4.41	4.41	0.73	ppb
Lithium	6-1				106		%
Magnesium	24-2	99195.98	106220.42	97663.16	101026.52	4.52	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:01:54	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.98	7.88	7.64	7.83	2.21	ppb
Molybdenum	94-1	1328.18	1318.40	1355.68	1334.08	1.45	ppb
Molybdenum	95-1	1912.10	1884.42	1946.39	1914.30	1.62	ppb
Molybdenum	96-1	1838.30	1801.60	1851.99	1830.63	1.42	ppb
Molybdenum	97-1	1915.08	1897.17	1933.45	1915.23	0.95	ppb
Molybdenum	98-1	1902.93	1882.19	1922.96	1902.69	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.27	5.60	5.59	5.49	3.40	ppb
Phosphorus	31-2	97280.55	106169.86	98050.64	100500.35	4.90	ppb
Potassium	39-2	102772.07	110210.63	102284.53	105089.08	4.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	-2.49	5.48	4.95	2.65	168.16	ppb
Selenium	78-2	-0.20	2.33	-0.20	0.64	226.28	ppb
Selenium	82-1	0.53	0.47	0.10	0.36	63.59	ppb
Silicon	28-1	27.01	25.47	27.90	26.79	4.58	ppb
Silver	109-1	0.08	0.07	0.08	0.08	8.35	ppb
Silver	107-1	0.07	0.08	0.06	0.07	9.01	ppb
Sodium	23-2	101296.66	108324.32	99385.68	103002.22	4.57	ppb
Strontium	86-1	32.99	32.61	32.57	32.72	0.71	ppb
Strontium	88-1	33.31	32.82	33.56	33.23	1.12	ppb
Sulfur	34-1	78139.16	77968.07	77617.03	77908.09	0.34	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.18	0.21	0.21	0.20	7.42	ppb
Thallium	205-1	0.15	0.20	0.24	0.20	21.57	ppb
Tin	118-1	0.25	0.24	0.24	0.24	2.11	ppb
Titanium	47-1	1996.73	1958.96	1981.53	1979.07	0.96	ppb
Uranium	238-1	0.01	0.02	0.01	0.02	25.59	ppb
Vanadium	51-2	0.17	0.19	0.15	0.17	9.66	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	10.50	12.07	11.54	11.37	7.01	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:01:54	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.46	0.39	0.30	0.38	20.28	ppb
Zirconium	91-1	0.46	0.35	0.30	0.37	22.39	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:05:11	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93488.59	91028.07	92039.86	92185.51	1.34	ppb
Antimony	121-1	20.65	19.86	20.52	20.35	2.10	ppb
Arsenic	75-2	19.52	19.09	19.37	19.33	1.12	ppb
Barium	135-1	21.03	20.79	20.56	20.79	1.13	ppb
Barium	137-1	21.38	20.92	21.23	21.18	1.12	ppb
Beryllium	9-1	18.74	18.37	18.56	18.56	0.99	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	48.58	46.51	46.28	47.12	2.69	ppb
Boron	11-1	44.62	45.49	45.90	45.34	1.44	ppb
Cadmium	111-1	18.96	19.16	19.31	19.15	0.94	ppb
Cadmium	106-1	22.27	22.20	22.54	22.34	0.81	ppb
Cadmium	108-1	28.18	26.43	29.58	28.06	5.62	ppb
Calcium	43-1	93727.25	94087.73	93488.05	93767.68	0.32	ppb
Calcium	44-1	93528.51	92739.04	93707.11	93324.89	0.55	ppb
Chromium	52-2	41.17	40.24	40.76	40.73	1.14	ppb
Cobalt	59-2	21.65	21.08	21.10	21.28	1.51	ppb
Copper	63-2	28.15	27.87	27.93	27.98	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	100244.40	98034.92	98551.79	98943.70	1.17	ppb
Iron	57-2	101383.31	99395.09	101086.30	100621.57	1.07	ppb
Krypton	83-1						cps
Lead	206-1	24.38	24.04	24.05	24.16	0.80	ppb
Lead	207-1	22.60	22.39	22.68	22.56	0.65	ppb
Lead	208-1	23.30	23.32	23.38	23.33	0.19	ppb
Lithium	6-1				109		%
Magnesium	24-2	99882.67	96878.06	99465.61	98742.11	1.65	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:05:11	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.99	27.36	28.18	28.18	2.89	ppb
Molybdenum	94-1	1431.56	1419.34	1434.56	1428.49	0.56	ppb
Molybdenum	95-1	1944.94	1920.10	1952.52	1939.18	0.87	ppb
Molybdenum	96-1	1892.99	1861.42	1875.77	1876.73	0.84	ppb
Molybdenum	97-1	1966.83	1913.73	1957.18	1945.91	1.45	ppb
Molybdenum	98-1	1947.05	1923.80	1960.42	1943.76	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.34	26.49	26.14	26.32	0.66	ppb
Phosphorus	31-2	102233.41	96681.93	96813.74	98576.36	3.21	ppb
Potassium	39-2	104121.97	102370.09	101253.05	102581.70	1.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	41.74	-2.49	19.20	19.48	113.50	ppb
Selenium	78-2	17.34	19.45	18.14	18.31	5.82	ppb
Selenium	82-1	18.73	18.74	19.04	18.84	0.92	ppb
Silicon	28-1	80.68	79.67	83.04	81.13	2.13	ppb
Silver	109-1	18.32	18.38	18.85	18.52	1.59	ppb
Silver	107-1	18.55	18.41	18.76	18.58	0.95	ppb
Sodium	23-2	103412.82	99196.82	100656.09	101088.58	2.12	ppb
Strontium	86-1	73.62	73.00	73.28	73.30	0.43	ppb
Strontium	88-1	76.59	75.98	75.00	75.86	1.06	ppb
Sulfur	34-1	78490.46	78104.30	78458.40	78351.05	0.27	ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	19.48	20.39	20.28	20.05	2.50	ppb
Thallium	205-1	19.96	20.26	19.99	20.07	0.81	ppb
Tin	118-1	42.02	41.87	41.93	41.94	0.18	ppb
Titanium	47-1	2016.86	2008.24	2029.70	2018.27	0.54	ppb
Uranium	238-1	41.60	41.69	41.64	41.64	0.11	ppb
Vanadium	51-2	20.22	20.19	19.05	19.82	3.36	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	32.42	32.18	32.34	32.31	0.37	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:05:11	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	41.58	41.31	41.93	41.61	0.76	ppb
Zirconium	91-1	40.74	40.75	40.87	40.79	0.18	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:08:28	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49609.29	50274.51	50464.40	50116.07	0.90	ppb
Antimony	121-1	497.96	493.03	492.57	494.52	0.60	ppb
Arsenic	75-2	499.33	495.11	496.37	496.94	0.44	ppb
Barium	135-1	2542.11	2491.68	2505.28	2513.02	1.04	ppb
Barium	137-1	2505.56	2480.28	2496.08	2493.97	0.51	ppb
Beryllium	9-1	486.34	476.49	485.99	482.94	1.16	ppb
Bismuth	209-1				113		%
Bismuth	209-2				112		%
Boron	10-1	475.99	475.06	498.35	483.13	2.73	ppb
Boron	11-1	471.11	476.70	488.21	478.68	1.82	ppb
Cadmium	111-1	476.71	477.25	479.91	477.96	0.36	ppb
Cadmium	106-1	494.11	489.40	483.49	489.00	1.09	ppb
Cadmium	108-1	483.43	474.79	480.15	479.45	0.91	ppb
Calcium	43-1	242666.31	239143.37	241732.79	241180.82	0.76	ppb
Calcium	44-1	243339.76	241788.40	244682.93	243270.36	0.60	ppb
Chromium	52-2	522.77	524.43	529.09	525.43	0.62	ppb
Cobalt	59-2	500.12	493.33	502.72	498.72	0.97	ppb
Copper	63-2	1017.73	984.36	1010.21	1004.10	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				115		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	122344.27	121896.64	123971.31	122737.41	0.89	ppb
Iron	57-2	124241.06	124408.03	125677.62	124775.57	0.63	ppb
Krypton	83-1						cps
Lead	206-1	507.94	508.10	504.63	506.89	0.39	ppb
Lead	207-1	501.84	506.86	503.49	504.06	0.51	ppb
Lead	208-1	512.65	512.07	507.53	510.75	0.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	247516.00	246893.00	253893.78	249434.26	1.55	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:08:28	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.97	1018.69	1031.49	1022.72	0.74	ppb
Molybdenum	94-1	2518.98	2523.97	2534.70	2525.88	0.32	ppb
Molybdenum	95-1	2503.77	2529.89	2517.69	2517.11	0.52	ppb
Molybdenum	96-1	2547.88	2493.75	2540.49	2527.37	1.16	ppb
Molybdenum	97-1	2566.65	2524.15	2536.60	2542.47	0.86	ppb
Molybdenum	98-1	2550.21	2517.22	2535.52	2534.32	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.56	506.17	514.04	510.26	0.77	ppb
Phosphorus	31-2	10775.42	10324.32	10029.37	10376.37	3.62	ppb
Potassium	39-2	125484.26	124683.16	126974.96	125714.12	0.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	527.05	487.11	441.26	485.14	8.85	ppb
Selenium	78-2	445.25	509.08	522.52	492.28	8.39	ppb
Selenium	82-1	491.71	488.87	494.88	491.82	0.61	ppb
Silicon	28-1	529.56	523.86	523.85	525.75	0.63	ppb
Silver	109-1	487.86	487.60	480.49	485.32	0.86	ppb
Silver	107-1	488.84	484.62	487.06	486.84	0.44	ppb
Sodium	23-2	251061.12	249184.46	252209.32	250818.30	0.61	ppb
Strontium	86-1	504.99	504.29	510.41	506.56	0.66	ppb
Strontium	88-1	521.37	510.40	513.15	514.98	1.11	ppb
Sulfur	34-1	9613.81	9624.20	9774.29	9670.77	0.93	ppb
Terbium	159-1				115		%
Terbium	159-2				114		%
Thallium	203-1	510.18	507.09	507.37	508.21	0.34	ppb
Thallium	205-1	510.19	508.83	514.20	511.07	0.55	ppb
Tin	118-1	497.05	502.13	502.47	500.55	0.61	ppb
Titanium	47-1	2572.58	2537.74	2556.31	2555.54	0.68	ppb
Uranium	238-1	520.17	514.84	516.53	517.18	0.53	ppb
Vanadium	51-2	512.67	508.24	518.95	513.28	1.05	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	990.33	980.87	1002.79	991.33	1.11	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:08:28	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.38	510.73	503.05	508.05	0.85	ppb
Zirconium	91-1	496.66	498.65	496.19	497.17	0.26	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:13:41	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.40	1.35	0.72	76.27	ppb
Antimony	121-1	0.46	0.45	0.42	0.44	4.57	ppb
Arsenic	75-2	-0.01	-0.02	-0.07	-0.03		ppb
Barium	135-1	0.06	0.03	0.05	0.05	33.45	ppb
Barium	137-1	0.07	0.04	0.03	0.05	47.16	ppb
Beryllium	9-1	0.01	0.03	0.04	0.03	70.68	ppb
Bismuth	209-1				120		%
Bismuth	209-2				118		%
Boron	10-1	11.33	10.36	10.44	10.71	5.00	ppb
Boron	11-1	9.84	8.89	8.36	9.03	8.26	ppb
Cadmium	111-1	0.02	0.00	0.07	0.03	120.67	ppb
Cadmium	106-1	-0.02	-0.15	0.94	0.26	232.94	ppb
Cadmium	108-1	-0.04	0.02	0.06	0.01	375.50	ppb
Calcium	43-1	0.63	1.76	-10.55	-2.72		ppb
Calcium	44-1	8.87	7.94	9.12	8.64	7.19	ppb
Chromium	52-2	-0.18	-0.13	-0.19	-0.17		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.06	0.03	0.05	28.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	3.12	2.72	2.56	2.80	10.45	ppb
Iron	57-2	2.06	1.46	0.51	1.34	58.10	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.09	0.08	7.64	ppb
Lead	207-1	0.11	0.09	0.07	0.09	20.08	ppb
Lead	208-1	0.09	0.08	0.08	0.09	5.96	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.84	3.63	2.58	3.68	30.68	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:13:41	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	-0.05	-0.01		ppb
Molybdenum	94-1	0.46	0.36	0.36	0.39	14.90	ppb
Molybdenum	95-1	0.42	0.43	0.41	0.42	2.00	ppb
Molybdenum	96-1	0.42	0.41	0.39	0.41	4.01	ppb
Molybdenum	97-1	0.40	0.43	0.34	0.39	11.00	ppb
Molybdenum	98-1	0.45	0.41	0.34	0.40	13.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	2.42	2.45	15.41	6.76	110.87	ppb
Potassium	39-2	13.38	26.64	18.27	19.43	34.51	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	-2.49	-2.49	-2.49	-2.49		ppb
Selenium	78-2	1.54	0.95	0.96	1.15	29.43	ppb
Selenium	82-1	0.46	-0.17	0.54	0.27	141.97	ppb
Silicon	28-1	-16.93	-18.73	-19.10	-18.25		ppb
Silver	109-1	0.06	0.06	0.05	0.06	10.99	ppb
Silver	107-1	0.06	0.06	0.05	0.06	14.58	ppb
Sodium	23-2	67.65	64.72	69.07	67.15	3.30	ppb
Strontium	86-1	0.00	0.01	0.01	0.00	164.04	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.65	ppb
Sulfur	34-1	-678.75	-820.20	-646.02	-714.99		ppb
Terbium	159-1				114		%
Terbium	159-2				113		%
Thallium	203-1	0.15	0.13	0.15	0.14	8.18	ppb
Thallium	205-1	0.14	0.15	0.14	0.14	5.77	ppb
Tin	118-1	0.12	0.08	0.10	0.10	20.06	ppb
Titanium	47-1	0.10	0.04	0.10	0.08	42.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	240.35	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	183.12	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	-0.14	-0.06	-0.16	-0.12		ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:13:41	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.07	0.07	2.60	ppb
Zirconium	91-1	0.10	0.10	0.08	0.09	16.27	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:17:03	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.64	17.66	23.00	20.76	13.37	ppb
Antimony	121-1	1.93	2.02	1.98	1.98	2.31	ppb
Arsenic	75-2	1.06	0.74	0.79	0.86	19.60	ppb
Barium	135-1	8.93	9.29	9.28	9.17	2.23	ppb
Barium	137-1	9.52	9.47	9.64	9.55	0.93	ppb
Beryllium	9-1	1.03	0.98	0.95	0.99	4.09	ppb
Bismuth	209-1				119		%
Bismuth	209-2				117		%
Boron	10-1	26.12	25.93	24.91	25.65	2.53	ppb
Boron	11-1	26.24	26.65	27.05	26.65	1.53	ppb
Cadmium	111-1	0.81	1.01	0.90	0.91	10.87	ppb
Cadmium	106-1	0.52	1.29	1.02	0.94	41.35	ppb
Cadmium	108-1	1.12	0.95	1.14	1.07	9.83	ppb
Calcium	43-1	446.84	432.59	461.40	446.94	3.22	ppb
Calcium	44-1	438.65	441.37	446.87	442.30	0.95	ppb
Chromium	52-2	2.19	2.02	2.11	2.11	3.89	ppb
Cobalt	59-2	0.92	0.97	0.98	0.96	3.06	ppb
Copper	63-2	2.16	2.12	2.04	2.10	2.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				115		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	50.52	51.49	50.01	50.67	1.48	ppb
Iron	57-2	45.77	59.41	48.67	51.28	14.01	ppb
Krypton	83-1						cps
Lead	206-1	1.04	0.96	0.97	0.99	4.35	ppb
Lead	207-1	0.93	1.03	0.85	0.94	9.65	ppb
Lead	208-1	1.00	0.99	0.97	0.99	1.82	ppb
Lithium	6-1				103		%
Magnesium	24-2	492.98	489.18	486.92	489.69	0.63	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:17:03	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	0.93	0.81	0.90	8.50	ppb
Molybdenum	94-1	5.23	4.94	5.10	5.09	2.89	ppb
Molybdenum	95-1	4.62	4.62	4.83	4.69	2.56	ppb
Molybdenum	96-1	4.88	4.92	4.88	4.89	0.45	ppb
Molybdenum	97-1	4.81	4.42	4.76	4.66	4.59	ppb
Molybdenum	98-1	4.70	4.89	4.80	4.79	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.16	1.11	1.15	3.17	ppb
Phosphorus	31-2	-10.58	28.61	2.28	6.77	295.27	ppb
Potassium	39-2	499.45	519.70	494.91	504.69	2.61	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	4.75	4.78	8.37	5.97	34.83	ppb
Selenium	78-2	7.26	2.11	8.98	6.11	58.48	ppb
Selenium	82-1	5.15	4.86	4.75	4.92	4.13	ppb
Silicon	28-1	-1.14	-2.10	0.62	-0.87		ppb
Silver	109-1	0.98	1.01	0.93	0.97	4.35	ppb
Silver	107-1	0.92	1.01	0.93	0.95	4.93	ppb
Sodium	23-2	543.58	542.60	530.65	538.94	1.34	ppb
Strontium	86-1	0.92	0.88	0.94	0.91	3.17	ppb
Strontium	88-1	0.98	0.96	0.95	0.96	1.77	ppb
Sulfur	34-1	-680.46	-632.61	-658.26	-657.11		ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.99	0.98	1.01	0.99	1.74	ppb
Thallium	205-1	1.00	1.02	1.01	1.01	0.63	ppb
Tin	118-1	4.78	4.78	4.91	4.82	1.51	ppb
Titanium	47-1	4.57	5.19	5.05	4.94	6.63	ppb
Uranium	238-1	0.89	0.89	0.88	0.89	0.20	ppb
Vanadium	51-2	5.00	4.90	4.54	4.81	4.97	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	2.24	1.87	2.17	2.09	9.45	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:17:03	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.15	1.11	1.07	1.11	3.96	ppb
Zirconium	91-1	1.17	1.14	1.23	1.18	3.82	ppb

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : PB110021BL Instrumnet Name : P8
 Client Sample ID : PB110021BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:20:25 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.11	-0.64	2.27	1.58	124.29	ppb
Antimony	121-1	0.12	0.10	0.10	0.11	12.15	ppb
Arsenic	75-2	-0.02	-0.01	-0.05	-0.03		ppb
Barium	135-1	0.02	-0.02	-0.03	-0.01		ppb
Barium	137-1	0.00	-0.01	0.01	0.00	1683.51	ppb
Beryllium	9-1	0.02	-0.02	0.02	0.01	435.95	ppb
Bismuth	209-1				116		%
Bismuth	209-2				116		%
Boron	10-1	6.68	5.29	4.05	5.34	24.71	ppb
Boron	11-1	4.33	4.69	4.54	4.52	4.00	ppb
Cadmium	111-1	0.00	0.07	0.07	0.05	81.96	ppb
Cadmium	106-1	-0.06	1.05	0.95	0.65	94.78	ppb
Cadmium	108-1	-0.01	0.03	-0.01	0.00	500.59	ppb
Calcium	43-1	-9.65	-8.52	-7.14	-8.44		ppb
Calcium	44-1	2.99	1.98	-1.45	1.17	198.03	ppb
Chromium	52-2	-0.14	-0.14	-0.14	-0.14		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.02	0.01	0.04	0.02	67.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	0.25	0.16	0.02	0.15	81.60	ppb
Iron	57-2	2.81	-0.53	-0.44	0.61	310.43	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	24.97	ppb
Lead	207-1	0.04	0.04	0.04	0.04	11.57	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.79	-0.04	0.50	0.42	100.83	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BL	Instrumnet Name :	P8
Client Sample ID :	PB110021BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:20:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	-0.04	-0.02		ppb
Molybdenum	94-1	0.11	0.10	0.05	0.09	40.44	ppb
Molybdenum	95-1	0.06	0.07	0.08	0.07	12.43	ppb
Molybdenum	96-1	0.02	0.07	0.02	0.04	75.61	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	4.18	ppb
Molybdenum	98-1	0.10	0.07	0.07	0.08	23.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.03	-0.02		ppb
Phosphorus	31-2	27.57	14.72	15.28	19.19	37.85	ppb
Potassium	39-2	7.48	16.77	12.98	12.41	37.64	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	4.75	-2.49	-2.49	-0.07		ppb
Selenium	78-2	0.38	0.37	-0.20	0.18	179.99	ppb
Selenium	82-1	0.23	0.24	0.19	0.22	11.75	ppb
Silicon	28-1	-18.24	-19.40	-19.32	-18.99		ppb
Silver	109-1	0.01	0.01	0.01	0.01	50.70	ppb
Silver	107-1	0.02	0.01	0.02	0.01	17.11	ppb
Sodium	23-2	42.39	41.90	42.74	42.35	1.00	ppb
Strontium	86-1	-0.03	0.01	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	76.93	ppb
Sulfur	34-1	-759.65	-738.57	-688.86	-729.03		ppb
Terbium	159-1				111		%
Terbium	159-2				114		%
Thallium	203-1	0.05	0.07	0.06	0.06	16.55	ppb
Thallium	205-1	0.06	0.08	0.07	0.07	16.49	ppb
Tin	118-1	0.07	0.06	0.06	0.07	7.92	ppb
Titanium	47-1	-0.07	-0.08	0.03	-0.04		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	189.17	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	0.08	0.24	0.03	0.12	90.13	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BL	Instrumnet Name :	P8
Client Sample ID :	PB110021BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:20:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.02	0.02	26.48	ppb
Zirconium	91-1	-0.02	0.04	0.02	0.01	211.22	ppb

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : PB110021BS Instrumnet Name : P8
 Client Sample ID : PB110021BS Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:23:46 DataFile Name : 020LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9828.28	10540.42	10186.09	10184.93	3.50	ppb
Antimony	121-1	490.85	497.48	508.52	498.95	1.79	ppb
Arsenic	75-2	493.83	525.87	493.89	504.53	3.66	ppb
Barium	135-1	2465.27	2493.77	2565.18	2508.07	2.05	ppb
Barium	137-1	2467.45	2487.34	2547.46	2500.75	1.67	ppb
Beryllium	9-1	490.92	483.75	497.17	490.61	1.37	ppb
Bismuth	209-1				116		%
Bismuth	209-2				112		%
Boron	10-1	460.92	457.48	489.97	469.46	3.80	ppb
Boron	11-1	462.61	467.27	484.38	471.42	2.43	ppb
Cadmium	111-1	485.38	484.72	499.75	489.95	1.73	ppb
Cadmium	106-1	486.04	491.82	502.10	493.32	1.65	ppb
Cadmium	108-1	479.85	495.66	501.69	492.40	2.29	ppb
Calcium	43-1	48802.90	48515.47	49393.02	48903.80	0.91	ppb
Calcium	44-1	48628.51	47933.21	48681.15	48414.29	0.86	ppb
Chromium	52-2	498.10	537.70	515.11	516.97	3.84	ppb
Cobalt	59-2	501.52	535.53	513.57	516.87	3.34	ppb
Copper	63-2	1026.30	1110.37	1053.91	1063.53	4.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	25053.15	26997.94	25752.50	25934.53	3.80	ppb
Iron	57-2	24808.52	26606.49	25411.85	25608.95	3.57	ppb
Krypton	83-1						cps
Lead	206-1	494.23	503.74	501.49	499.82	0.99	ppb
Lead	207-1	498.92	492.52	497.45	496.29	0.68	ppb
Lead	208-1	499.73	502.53	503.18	501.81	0.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	50740.01	53955.05	51756.01	52150.36	3.15	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BS	Instrumnet Name :	P8
Client Sample ID :	PB110021BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:23:46	DataFile Name :	020LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.90	1082.14	1027.08	1039.37	3.67	ppb
Molybdenum	94-1	2494.14	2448.63	2458.27	2467.01	0.97	ppb
Molybdenum	95-1	2474.57	2420.91	2480.22	2458.56	1.33	ppb
Molybdenum	96-1	2507.07	2422.54	2461.08	2463.56	1.72	ppb
Molybdenum	97-1	2509.11	2467.87	2496.40	2491.13	0.85	ppb
Molybdenum	98-1	2473.50	2439.80	2494.03	2469.11	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.27	542.48	520.09	522.28	3.68	ppb
Phosphorus	31-2	9519.41	10009.10	10187.50	9905.34	3.49	ppb
Potassium	39-2	25065.83	26894.44	25691.24	25883.84	3.59	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	510.95	551.34	537.61	533.30	3.85	ppb
Selenium	78-2	513.25	518.99	487.87	506.70	3.27	ppb
Selenium	82-1	491.15	487.09	492.24	490.16	0.55	ppb
Silicon	28-1	520.43	534.60	534.40	529.81	1.53	ppb
Silver	109-1	499.59	501.39	519.52	506.83	2.17	ppb
Silver	107-1	490.35	504.39	515.33	503.36	2.49	ppb
Sodium	23-2	50603.11	54167.62	51853.13	52207.96	3.46	ppb
Strontium	86-1	486.56	481.60	488.25	485.47	0.71	ppb
Strontium	88-1	498.26	488.44	491.51	492.74	1.02	ppb
Sulfur	34-1	9555.40	9394.06	9581.61	9510.36	1.07	ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	502.25	504.89	502.55	503.23	0.29	ppb
Thallium	205-1	502.74	505.49	498.68	502.30	0.68	ppb
Tin	118-1	501.98	503.57	511.30	505.62	0.99	ppb
Titanium	47-1	2493.27	2489.77	2541.04	2508.03	1.14	ppb
Uranium	238-1	492.98	490.04	492.39	491.80	0.32	ppb
Vanadium	51-2	500.42	538.03	513.87	517.44	3.68	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	1006.99	1082.86	1036.93	1042.26	3.67	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BS	Instrumnet Name :	P8
Client Sample ID :	PB110021BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:23:46	DataFile Name :	020LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	495.11	489.29	491.60	492.00	0.60	ppb
Zirconium	91-1	488.35	481.50	487.61	485.82	0.77	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BSD	Instrumnet Name :	P8
Client Sample ID :	PB110021BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:26:58	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9787.10	9693.70	9832.91	9771.24	0.73	ppb
Antimony	121-1	496.18	527.47	512.29	511.98	3.06	ppb
Arsenic	75-2	489.69	497.76	485.87	491.11	1.24	ppb
Barium	135-1	2521.12	2667.06	2550.77	2579.65	2.99	ppb
Barium	137-1	2484.18	2644.81	2544.13	2557.71	3.17	ppb
Beryllium	9-1	495.63	516.48	505.80	505.97	2.06	ppb
Bismuth	209-1				114		%
Bismuth	209-2				116		%
Boron	10-1	459.23	496.65	516.15	490.67	5.90	ppb
Boron	11-1	475.46	518.71	509.34	501.17	4.54	ppb
Cadmium	111-1	492.00	521.06	505.94	506.33	2.87	ppb
Cadmium	106-1	500.32	520.12	514.94	511.79	2.01	ppb
Cadmium	108-1	491.23	516.96	508.45	505.55	2.59	ppb
Calcium	43-1	48990.58	49593.15	50402.73	49662.15	1.43	ppb
Calcium	44-1	48587.24	49399.64	49910.54	49299.14	1.35	ppb
Chromium	52-2	499.35	503.82	506.75	503.31	0.74	ppb
Cobalt	59-2	498.95	504.96	508.58	504.16	0.97	ppb
Copper	63-2	1035.64	1034.50	1042.27	1037.47	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				118		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	25153.54	25257.78	25405.33	25272.22	0.50	ppb
Iron	57-2	24728.54	24845.41	25102.96	24892.30	0.77	ppb
Krypton	83-1						cps
Lead	206-1	500.97	520.72	517.25	512.98	2.06	ppb
Lead	207-1	494.39	511.74	512.76	506.30	2.04	ppb
Lead	208-1	499.40	516.97	517.43	511.27	2.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	50205.93	50742.65	50660.85	50536.48	0.57	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BSD	Instrumnet Name :	P8
Client Sample ID :	PB110021BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:26:58	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.44	1015.87	1013.45	1009.26	0.94	ppb
Molybdenum	94-1	2484.28	2605.24	2549.08	2546.20	2.38	ppb
Molybdenum	95-1	2473.48	2600.94	2556.55	2543.66	2.54	ppb
Molybdenum	96-1	2456.48	2601.90	2535.52	2531.30	2.88	ppb
Molybdenum	97-1	2455.44	2637.68	2555.96	2549.69	3.58	ppb
Molybdenum	98-1	2449.84	2609.10	2563.08	2540.68	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.03	509.03	510.96	508.67	0.49	ppb
Phosphorus	31-2	10663.07	10051.07	10080.71	10264.95	3.36	ppb
Potassium	39-2	24958.68	25291.54	25448.27	25232.83	0.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	604.35	531.54	558.89	564.93	6.51	ppb
Selenium	78-2	492.83	482.40	490.89	488.71	1.14	ppb
Selenium	82-1	490.38	518.89	501.25	503.50	2.86	ppb
Silicon	28-1	527.54	527.88	543.24	532.89	1.68	ppb
Silver	109-1	508.32	534.63	517.47	520.14	2.57	ppb
Silver	107-1	500.82	530.38	516.36	515.85	2.87	ppb
Sodium	23-2	50648.35	50898.54	51474.93	51007.27	0.83	ppb
Strontium	86-1	480.47	515.81	504.28	500.19	3.60	ppb
Strontium	88-1	488.75	524.01	510.06	507.61	3.50	ppb
Sulfur	34-1	9096.01	9541.67	9636.58	9424.76	3.06	ppb
Terbium	159-1				111		%
Terbium	159-2				115		%
Thallium	203-1	492.81	514.18	515.99	507.66	2.54	ppb
Thallium	205-1	500.18	519.56	509.55	509.76	1.90	ppb
Tin	118-1	501.03	542.49	518.23	520.58	4.00	ppb
Titanium	47-1	2540.47	2547.52	2565.61	2551.20	0.51	ppb
Uranium	238-1	488.71	514.35	516.49	506.51	3.05	ppb
Vanadium	51-2	500.62	504.34	509.37	504.78	0.87	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1017.88	1023.93	1016.97	1019.59	0.37	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BSD	Instrumnet Name :	P8
Client Sample ID :	PB110021BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:26:58	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.14	518.22	506.93	506.43	2.38	ppb
Zirconium	91-1	485.51	511.70	501.42	499.54	2.64	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DLX500	Instrumnet Name :	P8
Client Sample ID :	1805296535DL	Dilution Factor :	500
Date & Time Acquired ::	2018-06-07 13:30:10	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	5.12	1.31	1.96	147.24	ppb
Antimony	121-1	1.38	1.21	1.07	1.22	12.63	ppb
Arsenic	75-2	0.09	0.01	0.05	0.05	85.69	ppb
Barium	135-1	0.51	0.50	0.49	0.50	2.40	ppb
Barium	137-1	0.56	0.59	0.56	0.57	3.16	ppb
Beryllium	9-1	0.11	0.08	0.10	0.10	18.03	ppb
Bismuth	209-1				120		%
Bismuth	209-2				119		%
Boron	10-1	29.44	24.42	22.51	25.46	14.05	ppb
Boron	11-1	26.62	24.70	22.66	24.66	8.05	ppb
Cadmium	111-1	0.02	0.10	0.13	0.08	69.82	ppb
Cadmium	106-1	-0.23	0.88	1.41	0.69	121.67	ppb
Cadmium	108-1	0.15	0.06	0.12	0.11	44.95	ppb
Calcium	43-1	63.67	73.37	70.75	69.26	7.25	ppb
Calcium	44-1	74.79	78.01	72.01	74.93	4.00	ppb
Chromium	52-2	0.15	0.12	0.01	0.09	80.50	ppb
Cobalt	59-2	0.18	0.18	0.19	0.18	5.16	ppb
Copper	63-2	0.42	0.46	0.34	0.41	14.21	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				115		%
Holmium	165-2				117		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	2040.39	1999.91	1961.95	2000.75	1.96	ppb
Iron	57-2	1968.31	1939.17	1922.01	1943.16	1.20	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.10	0.09	0.09	8.82	ppb
Lead	207-1	0.10	0.08	0.08	0.09	17.47	ppb
Lead	208-1	0.10	0.09	0.10	0.10	3.34	ppb
Lithium	6-1				103		%
Magnesium	24-2	51.91	56.61	55.40	54.64	4.46	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DLX500	Instrumnet Name :	P8
Client Sample ID :	1805296535DL	Dilution Factor :	500
Date & Time Acquired ::	2018-06-07 13:30:10	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.41	13.11	12.86	13.12	2.10	ppb
Molybdenum	94-1	1.63	1.17	1.08	1.29	22.99	ppb
Molybdenum	95-1	1.23	1.05	0.95	1.08	13.19	ppb
Molybdenum	96-1	1.23	1.08	0.95	1.09	12.71	ppb
Molybdenum	97-1	1.12	1.04	0.95	1.03	8.07	ppb
Molybdenum	98-1	1.07	1.10	0.94	1.04	8.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.24	0.21	0.22	8.68	ppb
Phosphorus	31-2	93.93	131.67	105.44	110.35	17.53	ppb
Potassium	39-2	333.76	353.02	344.35	343.71	2.81	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	-2.49	1.09	-2.49	-1.29		ppb
Selenium	78-2	0.93	0.37	2.09	1.13	77.80	ppb
Selenium	82-1	-0.12	0.64	0.64	0.39	112.99	ppb
Silicon	28-1	23.04	6.73	0.17	9.98	118.00	ppb
Silver	109-1	0.06	0.06	0.05	0.06	7.29	ppb
Silver	107-1	0.06	0.07	0.06	0.07	11.24	ppb
Sodium	23-2	176.61	178.03	176.70	177.12	0.45	ppb
Strontium	86-1	0.44	0.28	0.40	0.37	22.37	ppb
Strontium	88-1	0.37	0.36	0.36	0.36	1.37	ppb
Sulfur	34-1	-1231.84	-1280.17	-1233.02	-1248.35		ppb
Terbium	159-1				114		%
Terbium	159-2				114		%
Thallium	203-1	0.21	0.18	0.19	0.19	8.73	ppb
Thallium	205-1	0.24	0.18	0.18	0.20	17.29	ppb
Tin	118-1	0.31	0.29	0.28	0.29	6.72	ppb
Titanium	47-1	2.82	2.84	2.52	2.73	6.57	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	9.83	ppb
Vanadium	51-2	0.06	0.06	0.07	0.06	9.83	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	2.23	2.14	2.57	2.31	9.71	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DLX500	Instrumnet Name :	P8
Client Sample ID :	1805296535DL	Dilution Factor :	500
Date & Time Acquired ::	2018-06-07 13:30:10	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.54	0.43	0.33	0.43	23.13	ppb
Zirconium	91-1	0.46	0.48	0.34	0.42	17.18	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DLX3	Instrumnet Name :	P8
Client Sample ID :	1805316553DL	Dilution Factor :	3
Date & Time Acquired ::	2018-06-07 13:35:03	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.56	43.17	56.40	45.38	22.27	ppb
Antimony	121-1	0.54	0.46	0.44	0.48	10.53	ppb
Arsenic	75-2	0.20	0.29	0.51	0.33	48.22	ppb
Barium	135-1	234.14	234.53	236.35	235.01	0.50	ppb
Barium	137-1	235.09	234.17	236.57	235.28	0.51	ppb
Beryllium	9-1	0.04	0.05	0.06	0.05	27.48	ppb
Bismuth	209-1				118		%
Bismuth	209-2				119		%
Boron	10-1	101.34	99.47	97.05	99.28	2.17	ppb
Boron	11-1	100.76	99.46	101.24	100.48	0.92	ppb
Cadmium	111-1	0.44	0.46	0.38	0.43	9.83	ppb
Cadmium	106-1	1.27	1.95	0.25	1.16	73.93	ppb
Cadmium	108-1	0.69	0.84	0.90	0.81	12.93	ppb
Calcium	43-1	23270.87	23015.31	22763.58	23016.58	1.10	ppb
Calcium	44-1	23384.86	22989.79	22929.16	23101.27	1.07	ppb
Chromium	52-2	0.62	0.76	0.74	0.71	10.55	ppb
Cobalt	59-2	0.28	0.26	0.25	0.26	7.01	ppb
Copper	63-2	47.62	49.24	47.83	48.23	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				118		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	56-2	238.82	239.25	241.05	239.71	0.49	ppb
Iron	57-2	231.52	246.69	235.10	237.77	3.34	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.14	0.17	16.24	ppb
Lead	207-1	0.17	0.15	0.17	0.16	8.38	ppb
Lead	208-1	0.17	0.18	0.17	0.17	3.92	ppb
Lithium	6-1				104		%
Magnesium	24-2	10400.65	10517.42	10383.99	10434.02	0.70	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DLX3	Instrumnet Name :	P8
Client Sample ID :	1805316553DL	Dilution Factor :	3
Date & Time Acquired ::	2018-06-07 13:35:03	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	75.89	75.20	74.48	75.19	0.93	ppb
Molybdenum	94-1	13.34	13.14	13.01	13.16	1.27	ppb
Molybdenum	95-1	12.48	12.33	11.90	12.24	2.45	ppb
Molybdenum	96-1	13.28	12.67	12.81	12.92	2.49	ppb
Molybdenum	97-1	12.45	11.98	12.01	12.15	2.16	ppb
Molybdenum	98-1	12.83	12.11	12.28	12.41	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.95	10.04	10.08	10.02	0.67	ppb
Phosphorus	31-2	26572.47	26406.93	25212.58	26063.99	2.85	ppb
Potassium	39-2	68446.88	69653.73	68165.17	68755.26	1.15	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	5140.86	5334.41	5510.82	5328.70	3.47	ppb
Selenium	78-2	5204.75	5261.26	5244.88	5236.96	0.56	ppb
Selenium	82-1	5257.12	5082.09	5169.08	5169.43	1.69	ppb
Silicon	28-1	2071.16	1551.69	1436.93	1686.60	20.04	ppb
Silver	109-1	0.03	0.02	0.03	0.03	10.30	ppb
Silver	107-1	0.03	0.04	0.03	0.03	24.48	ppb
Sodium	23-2	22087.60	22546.17	22363.28	22332.35	1.03	ppb
Strontium	86-1	175.54	167.21	169.98	170.91	2.48	ppb
Strontium	88-1	178.47	174.84	178.20	177.17	1.14	ppb
Sulfur	34-1	12554.36	12025.06	11995.72	12191.71	2.58	ppb
Terbium	159-1				116		%
Terbium	159-2				118		%
Thallium	203-1	0.14	0.13	0.14	0.14	1.52	ppb
Thallium	205-1	0.14	0.15	0.14	0.14	3.31	ppb
Tin	118-1	0.38	0.27	0.41	0.36	20.36	ppb
Titanium	47-1	12.09	11.88	12.02	12.00	0.88	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	13.53	ppb
Vanadium	51-2	0.13	0.16	0.11	0.13	19.27	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	313.82	319.51	315.38	316.24	0.93	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DLX3	Instrumnet Name :	P8
Client Sample ID :	1805316553DL	Dilution Factor :	3
Date & Time Acquired ::	2018-06-07 13:35:03	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.91	2.63	2.70	2.75	5.35	ppb
Zirconium	91-1	2.72	2.72	2.63	2.69	1.77	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	1805296535DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:38:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.97	55.85	63.24	57.36	9.24	ppb
Antimony	121-1	0.24	0.19	0.19	0.20	13.86	ppb
Arsenic	75-2	0.17	0.20	0.23	0.20	14.63	ppb
Barium	135-1	41.18	40.56	40.86	40.87	0.75	ppb
Barium	137-1	40.44	40.57	41.16	40.72	0.95	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	30.10	ppb
Bismuth	209-1				123		%
Bismuth	209-2				122		%
Boron	10-1	51.68	49.78	48.20	49.89	3.50	ppb
Boron	11-1	51.48	52.00	51.89	51.79	0.53	ppb
Cadmium	111-1	0.26	0.31	0.26	0.28	11.63	ppb
Cadmium	106-1	0.96	1.46	1.42	1.28	21.41	ppb
Cadmium	108-1	0.27	0.14	0.48	0.30	58.17	ppb
Calcium	43-1	5371.07	5355.15	5402.22	5376.14	0.45	ppb
Calcium	44-1	5573.03	5586.40	5562.92	5574.12	0.21	ppb
Chromium	52-2	8.76	8.72	9.02	8.83	1.85	ppb
Cobalt	59-2	15.73	15.57	16.46	15.92	2.99	ppb
Copper	63-2	25.30	25.56	25.79	25.55	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				122		%
Indium	115-1				116		%
Indium	115-2				111		%
Iron	56-2	177217.72	179192.00	181756.94	179388.89	1.27	ppb
Iron	57-2	178976.62	181089.16	184263.11	181442.96	1.47	ppb
Krypton	83-1						cps
Lead	206-1	0.52	0.49	0.53	0.51	4.28	ppb
Lead	207-1	0.57	0.49	0.47	0.51	10.96	ppb
Lead	208-1	0.55	0.51	0.54	0.53	3.48	ppb
Lithium	6-1				106		%
Magnesium	24-2	4243.55	4236.80	4407.56	4295.97	2.25	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	1805296535DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:38:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1216.39	1219.83	1251.26	1229.16	1.56	ppb
Molybdenum	94-1	5.83	5.66	5.61	5.70	2.05	ppb
Molybdenum	95-1	6.82	6.51	6.69	6.67	2.31	ppb
Molybdenum	96-1	6.86	6.73	6.91	6.83	1.37	ppb
Molybdenum	97-1	6.59	6.62	6.42	6.54	1.60	ppb
Molybdenum	98-1	6.74	6.60	6.63	6.65	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.23	13.80	13.42	13.49	2.15	ppb
Phosphorus	31-2	8841.40	8760.32	9169.51	8923.74	2.43	ppb
Potassium	39-2	30404.14	30369.82	31366.80	30713.59	1.84	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	11.21	25.15	14.78	17.05	42.49	ppb
Selenium	78-2	16.10	15.69	15.14	15.64	3.08	ppb
Selenium	82-1	14.14	14.03	13.54	13.91	2.30	ppb
Silicon	28-1	1847.83	1745.06	1358.10	1650.33	15.65	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.57	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.89	ppb
Sodium	23-2	11627.91	11667.23	11895.41	11730.19	1.23	ppb
Strontium	86-1	30.00	30.26	28.87	29.71	2.48	ppb
Strontium	88-1	30.82	30.60	30.56	30.66	0.46	ppb
Sulfur	34-1	5460.53	5134.88	5542.48	5379.30	4.01	ppb
Terbium	159-1				119		%
Terbium	159-2				121		%
Thallium	203-1	0.08	0.06	0.08	0.07	11.83	ppb
Thallium	205-1	0.06	0.08	0.08	0.07	11.21	ppb
Tin	118-1	0.13	0.14	0.14	0.14	2.99	ppb
Titanium	47-1	236.68	231.57	235.33	234.53	1.13	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	15.99	ppb
Vanadium	51-2	5.18	5.18	5.35	5.24	1.84	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	213.35	212.08	216.08	213.84	0.95	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	1805296535DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:38:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.66	0.63	0.63	0.64	2.37	ppb
Zirconium	91-1	0.58	0.70	0.51	0.60	15.74	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-03DLX5	Instrumnet Name :	P8
Client Sample ID :	1805296531DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:41:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76.58	70.34	81.23	76.05	7.19	ppb
Antimony	121-1	0.20	0.23	0.20	0.21	5.81	ppb
Arsenic	75-2	0.47	0.59	0.52	0.53	11.17	ppb
Barium	135-1	35.56	34.20	36.02	35.26	2.69	ppb
Barium	137-1	35.44	35.22	36.33	35.66	1.66	ppb
Beryllium	9-1	0.01	0.03	0.06	0.03	74.24	ppb
Bismuth	209-1				121		%
Bismuth	209-2				119		%
Boron	10-1	168.76	176.14	166.72	170.54	2.91	ppb
Boron	11-1	174.94	180.07	171.85	175.62	2.37	ppb
Cadmium	111-1	0.27	0.23	0.34	0.28	19.58	ppb
Cadmium	106-1	1.03	0.74	2.28	1.35	60.64	ppb
Cadmium	108-1	0.46	0.33	0.21	0.33	37.42	ppb
Calcium	43-1	7219.87	7214.52	7191.96	7208.78	0.21	ppb
Calcium	44-1	7583.83	7400.99	7411.44	7465.42	1.38	ppb
Chromium	52-2	4.06	4.29	4.36	4.24	3.69	ppb
Cobalt	59-2	0.23	0.24	0.25	0.24	4.91	ppb
Copper	63-2	25.13	25.62	25.45	25.40	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				122		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	56-2	203.43	201.48	203.57	202.83	0.58	ppb
Iron	57-2	202.61	200.89	211.49	205.00	2.77	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.31	0.28	0.29	5.36	ppb
Lead	207-1	0.27	0.26	0.30	0.27	7.15	ppb
Lead	208-1	0.28	0.27	0.27	0.27	2.81	ppb
Lithium	6-1				107		%
Magnesium	24-2	195146.73	198059.28	199386.28	197530.76	1.10	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-03DLX5	Instrumnet Name :	P8
Client Sample ID :	1805296531DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:41:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	72.04	68.76	70.04	70.28	2.35	ppb
Molybdenum	94-1	9.18	8.93	9.11	9.07	1.41	ppb
Molybdenum	95-1	8.38	7.99	8.80	8.39	4.79	ppb
Molybdenum	96-1	8.44	8.63	8.22	8.43	2.47	ppb
Molybdenum	97-1	8.46	8.21	8.21	8.30	1.75	ppb
Molybdenum	98-1	8.31	8.51	8.22	8.35	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.26	9.33	9.31	9.30	0.35	ppb
Phosphorus	31-2	12506.29	13307.28	12889.76	12901.11	3.11	ppb
Potassium	39-2	35198.73	35650.32	35936.24	35595.10	1.04	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	4.24	4.32	0.87	3.14	62.58	ppb
Selenium	78-2	1.40	1.96	1.40	1.59	20.25	ppb
Selenium	82-1	0.83	1.43	1.13	1.13	26.26	ppb
Silicon	28-1	1959.98	1881.28	2229.88	2023.71	9.03	ppb
Silver	109-1	0.01	0.02	0.01	0.01	59.22	ppb
Silver	107-1	0.01	0.02	0.01	0.01	57.99	ppb
Sodium	23-2	8570.22	8555.95	8635.76	8587.31	0.50	ppb
Strontium	86-1	27.66	27.56	27.94	27.72	0.71	ppb
Strontium	88-1	28.16	28.33	28.00	28.16	0.58	ppb
Sulfur	34-1	8782.73	8955.93	9235.98	8991.55	2.54	ppb
Terbium	159-1				118		%
Terbium	159-2				120		%
Thallium	203-1	0.06	0.03	0.03	0.04	39.40	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	18.79	ppb
Tin	118-1	0.20	0.16	0.19	0.18	10.27	ppb
Titanium	47-1	9.26	9.36	9.92	9.52	3.75	ppb
Uranium	238-1	0.12	0.11	0.13	0.12	7.68	ppb
Vanadium	51-2	4.32	4.64	4.57	4.51	3.74	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	133.78	135.45	137.42	135.55	1.34	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-03DLX5	Instrumnet Name :	P8
Client Sample ID :	1805296531DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:41:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.11	2.15	2.11	2.12	0.89	ppb
Zirconium	91-1	2.12	2.07	2.21	2.13	3.35	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-04DLX5	Instrumnet Name :	P8
Client Sample ID :	1805316547DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:44:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.53	60.90	39.07	52.50	22.39	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	11.98	ppb
Arsenic	75-2	0.22	0.22	0.16	0.20	17.63	ppb
Barium	135-1	31.94	31.67	32.23	31.95	0.87	ppb
Barium	137-1	31.99	32.50	32.36	32.28	0.82	ppb
Beryllium	9-1	0.02	0.01	0.04	0.02	82.77	ppb
Bismuth	209-1				119		%
Bismuth	209-2				118		%
Boron	10-1	32.59	37.54	35.95	35.36	7.15	ppb
Boron	11-1	35.67	35.33	36.36	35.79	1.46	ppb
Cadmium	111-1	0.09	0.06	0.13	0.10	36.70	ppb
Cadmium	106-1	0.71	0.35	1.30	0.79	60.96	ppb
Cadmium	108-1	0.15	0.05	0.08	0.10	51.28	ppb
Calcium	43-1	2515.85	2484.80	2467.01	2489.22	0.99	ppb
Calcium	44-1	2534.18	2529.82	2572.85	2545.62	0.93	ppb
Chromium	52-2	5.11	5.45	5.63	5.40	4.90	ppb
Cobalt	59-2	17.48	17.45	18.48	17.81	3.27	ppb
Copper	63-2	15.05	14.95	15.64	15.21	2.46	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				117		%
Holmium	165-2				118		%
Indium	115-1				115		%
Indium	115-2				106		%
Iron	56-2	158843.19	159160.80	166871.59	161625.19	2.81	ppb
Iron	57-2	161463.31	160428.43	170183.69	164025.14	3.27	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.19	0.22	0.21	8.17	ppb
Lead	207-1	0.23	0.22	0.19	0.21	9.90	ppb
Lead	208-1	0.21	0.21	0.20	0.21	2.76	ppb
Lithium	6-1				104		%
Magnesium	24-2	2440.15	2458.47	2587.70	2495.44	3.22	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-04DLX5	Instrumnet Name :	P8
Client Sample ID :	1805316547DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:44:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	399.94	403.10	425.66	409.56	3.42	ppb
Molybdenum	94-1	2.44	2.48	2.45	2.46	0.66	ppb
Molybdenum	95-1	2.56	2.59	2.58	2.58	0.72	ppb
Molybdenum	96-1	2.86	3.03	3.04	2.98	3.50	ppb
Molybdenum	97-1	2.61	2.64	2.61	2.62	0.60	ppb
Molybdenum	98-1	2.62	2.54	2.61	2.59	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.14	16.82	17.75	16.91	4.79	ppb
Phosphorus	31-2	7161.57	7683.92	7615.17	7486.89	3.79	ppb
Potassium	39-2	20106.80	19987.56	21033.38	20375.91	2.81	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	77-2	1.04	1.05	4.91	2.33	95.74	ppb
Selenium	78-2	1.48	2.05	2.15	1.89	18.93	ppb
Selenium	82-1	0.68	1.31	1.51	1.17	37.41	ppb
Silicon	28-1	1021.64	905.41	913.14	946.73	6.86	ppb
Silver	109-1	0.01	0.01	0.02	0.01	37.64	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.17	ppb
Sodium	23-2	5515.62	5528.53	5832.06	5625.41	3.18	ppb
Strontium	86-1	13.57	13.17	13.25	13.33	1.58	ppb
Strontium	88-1	13.41	13.47	13.53	13.47	0.43	ppb
Sulfur	34-1	20186.56	19596.61	19768.14	19850.44	1.53	ppb
Terbium	159-1				117		%
Terbium	159-2				116		%
Thallium	203-1	0.05	0.04	0.05	0.05	18.81	ppb
Thallium	205-1	0.06	0.07	0.05	0.06	9.71	ppb
Tin	118-1	0.08	0.09	0.09	0.09	5.02	ppb
Titanium	47-1	280.78	277.69	280.28	279.58	0.59	ppb
Uranium	238-1	0.01	0.03	0.03	0.02	38.52	ppb
Vanadium	51-2	4.09	4.23	4.30	4.21	2.55	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	175.72	175.62	184.68	178.67	2.91	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-04DLX5	Instrumnet Name :	P8
Client Sample ID :	1805316547DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:44:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.45	0.45	0.46	0.45	1.90	ppb
Zirconium	91-1	0.41	0.48	0.45	0.45	8.05	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DL2X10	Instrumnet Name :	P8
Client Sample ID :	1805316553DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-06-07 13:48:17	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.59	11.77	11.70	17.35	56.10	ppb
Antimony	121-1	0.03	0.05	0.03	0.04	25.00	ppb
Arsenic	75-2	0.10	0.09	0.07	0.09	15.59	ppb
Barium	135-1	73.92	74.06	74.63	74.20	0.51	ppb
Barium	137-1	73.86	74.85	74.28	74.33	0.67	ppb
Beryllium	9-1	0.03	0.02	0.06	0.03	58.46	ppb
Bismuth	209-1				126		%
Bismuth	209-2				124		%
Boron	10-1	30.66	32.83	32.39	31.96	3.59	ppb
Boron	11-1	33.63	34.04	32.31	33.33	2.72	ppb
Cadmium	111-1	0.18	0.18	0.10	0.15	29.14	ppb
Cadmium	106-1	1.12	0.85	0.23	0.73	62.55	ppb
Cadmium	108-1	0.20	0.20	0.32	0.24	28.78	ppb
Calcium	43-1	7568.56	7601.71	7629.48	7599.92	0.40	ppb
Calcium	44-1	7783.99	7879.50	7904.02	7855.84	0.81	ppb
Chromium	52-2	0.15	0.12	0.16	0.14	16.66	ppb
Cobalt	59-2	0.08	0.11	0.10	0.10	15.32	ppb
Copper	63-2	15.84	16.00	15.99	15.94	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				123		%
Indium	115-1				117		%
Indium	115-2				111		%
Iron	56-2	88.80	87.27	86.93	87.66	1.14	ppb
Iron	57-2	92.02	90.90	93.39	92.10	1.35	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.08	0.07	0.07	21.28	ppb
Lead	207-1	0.07	0.06	0.06	0.06	10.86	ppb
Lead	208-1	0.06	0.07	0.05	0.06	13.69	ppb
Lithium	6-1				107		%
Magnesium	24-2	3448.00	3491.23	3435.27	3458.17	0.85	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DL2X10	Instrumnet Name :	P8
Client Sample ID :	1805316553DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-06-07 13:48:17	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.93	25.49	26.29	25.57	2.66	ppb
Molybdenum	94-1	3.92	3.72	3.84	3.82	2.63	ppb
Molybdenum	95-1	3.82	3.93	3.74	3.83	2.40	ppb
Molybdenum	96-1	4.01	3.99	3.97	3.99	0.42	ppb
Molybdenum	97-1	3.74	3.74	3.58	3.69	2.54	ppb
Molybdenum	98-1	3.75	3.76	3.83	3.78	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.34	3.55	3.32	3.40	3.75	ppb
Phosphorus	31-2	9252.99	8536.71	8757.54	8849.08	4.15	ppb
Potassium	39-2	22321.85	21953.62	22251.61	22175.69	0.88	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	1725.46	1609.95	1857.44	1730.95	7.15	ppb
Selenium	78-2	1588.76	1643.53	1597.23	1609.84	1.83	ppb
Selenium	82-1	1588.85	1616.49	1572.58	1592.64	1.39	ppb
Silicon	28-1	492.69	708.75	452.81	551.42	24.97	ppb
Silver	109-1	0.00	0.01	0.01	0.01	29.35	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.49	ppb
Sodium	23-2	7081.20	7171.53	7117.85	7123.53	0.64	ppb
Strontium	86-1	53.01	55.07	53.89	53.99	1.92	ppb
Strontium	88-1	54.14	55.51	54.00	54.55	1.54	ppb
Sulfur	34-1	4302.95	4433.97	4428.30	4388.41	1.69	ppb
Terbium	159-1				121		%
Terbium	159-2				122		%
Thallium	203-1	0.02	0.03	0.05	0.03	47.67	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	24.11	ppb
Tin	118-1	0.05	0.05	0.04	0.05	17.31	ppb
Titanium	47-1	4.16	3.92	3.86	3.98	4.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	271.69	ppb
Vanadium	51-2	0.04	0.07	0.07	0.06	28.33	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	104.80	107.22	105.60	105.87	1.16	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DL2X10	Instrumnet Name :	P8
Client Sample ID :	1805316553DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-06-07 13:48:17	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.69	0.71	0.72	0.70	2.44	ppb
Zirconium	91-1	0.77	0.67	0.71	0.72	6.77	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:54:45	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50172.93	50032.85	49738.66	49981.48	0.44	ppb
Antimony	121-1	487.16	490.50	488.53	488.73	0.34	ppb
Arsenic	75-2	495.03	490.77	489.76	491.85	0.57	ppb
Barium	135-1	2513.55	2502.94	2490.12	2502.20	0.47	ppb
Barium	137-1	2458.96	2472.55	2452.00	2461.17	0.42	ppb
Beryllium	9-1	508.84	511.07	510.25	510.05	0.22	ppb
Bismuth	209-1				121		%
Bismuth	209-2				118		%
Boron	10-1	481.48	512.73	511.44	501.88	3.52	ppb
Boron	11-1	481.67	503.07	513.00	499.25	3.21	ppb
Cadmium	111-1	466.52	470.12	462.92	466.52	0.77	ppb
Cadmium	106-1	474.30	478.33	475.74	476.12	0.43	ppb
Cadmium	108-1	469.56	470.10	467.17	468.94	0.33	ppb
Calcium	43-1	234511.03	237656.92	237666.87	236611.60	0.77	ppb
Calcium	44-1	236213.15	236495.98	236339.52	236349.55	0.06	ppb
Chromium	52-2	519.42	527.37	517.47	521.42	1.01	ppb
Cobalt	59-2	496.45	500.53	492.70	496.56	0.79	ppb
Copper	63-2	1006.64	1013.38	990.43	1003.48	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				122		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	122724.61	123966.51	121764.45	122818.52	0.90	ppb
Iron	57-2	124667.58	124666.89	122921.26	124085.24	0.81	ppb
Krypton	83-1						cps
Lead	206-1	506.42	519.95	504.68	510.35	1.64	ppb
Lead	207-1	511.17	514.09	506.69	510.65	0.73	ppb
Lead	208-1	513.34	517.46	508.48	513.09	0.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	249217.01	249817.92	245127.00	248053.98	1.03	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:54:45	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.40	1016.92	996.39	1006.91	1.02	ppb
Molybdenum	94-1	2546.57	2509.59	2529.31	2528.49	0.73	ppb
Molybdenum	95-1	2516.08	2495.63	2511.79	2507.83	0.43	ppb
Molybdenum	96-1	2549.88	2501.58	2509.96	2520.47	1.02	ppb
Molybdenum	97-1	2533.51	2507.86	2537.57	2526.31	0.64	ppb
Molybdenum	98-1	2526.40	2498.03	2517.72	2514.05	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.69	513.92	501.72	508.11	1.20	ppb
Phosphorus	31-2	10337.13	9788.34	9983.31	10036.26	2.77	ppb
Potassium	39-2	124432.90	125899.19	123402.00	124578.03	1.01	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	485.33	462.13	467.07	471.51	2.59	ppb
Selenium	78-2	475.86	514.48	481.89	490.74	4.23	ppb
Selenium	82-1	484.49	486.47	489.15	486.71	0.48	ppb
Silicon	28-1	508.52	511.09	518.04	512.55	0.96	ppb
Silver	109-1	479.69	483.92	471.48	478.36	1.32	ppb
Silver	107-1	477.61	485.59	474.44	479.21	1.20	ppb
Sodium	23-2	247388.45	248081.29	245895.29	247121.68	0.45	ppb
Strontium	86-1	499.00	502.60	502.71	501.44	0.42	ppb
Strontium	88-1	510.83	512.80	514.63	512.76	0.37	ppb
Sulfur	34-1	9269.20	9501.88	9514.95	9428.67	1.47	ppb
Terbium	159-1				121		%
Terbium	159-2				120		%
Thallium	203-1	504.82	522.65	509.32	512.26	1.81	ppb
Thallium	205-1	506.83	515.01	513.20	511.68	0.84	ppb
Tin	118-1	496.78	494.73	493.00	494.83	0.38	ppb
Titanium	47-1	2472.39	2480.36	2476.60	2476.45	0.16	ppb
Uranium	238-1	521.16	525.61	519.09	521.95	0.64	ppb
Vanadium	51-2	509.47	512.34	506.47	509.43	0.58	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	987.03	991.80	977.52	985.45	0.74	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:54:45	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.88	504.76	501.28	502.31	0.42	ppb
Zirconium	91-1	490.48	496.49	501.51	496.16	1.11	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:59:01	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.59	1.38	-1.50	-0.24		ppb
Antimony	121-1	0.66	0.57	0.54	0.59	10.82	ppb
Arsenic	75-2	-0.01	0.01	-0.05	-0.02		ppb
Barium	135-1	0.00	0.01	0.01	0.01	44.59	ppb
Barium	137-1	0.02	0.02	0.02	0.02	1.08	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	22.57	ppb
Bismuth	209-1				124		%
Bismuth	209-2				123		%
Boron	10-1	12.17	9.57	11.01	10.92	11.91	ppb
Boron	11-1	10.43	10.37	9.36	10.05	5.98	ppb
Cadmium	111-1	0.12	0.01	0.08	0.07	80.23	ppb
Cadmium	106-1	1.78	0.16	1.03	0.99	81.54	ppb
Cadmium	108-1	0.12	0.02	0.11	0.08	65.69	ppb
Calcium	43-1	-13.46	-7.06	-9.00	-9.84		ppb
Calcium	44-1	4.27	0.28	-0.72	1.28	207.00	ppb
Chromium	52-2	-0.13	-0.05	-0.13	-0.10		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.02	0.04	0.04	45.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				119		%
Indium	115-1				115		%
Indium	115-2				108		%
Iron	56-2	3.29	2.60	3.05	2.98	11.74	ppb
Iron	57-2	-0.47	2.41	1.18	1.04	138.64	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.04	0.05	17.20	ppb
Lead	207-1	0.05	0.05	0.05	0.05	4.53	ppb
Lead	208-1	0.05	0.06	0.05	0.05	7.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	4.09	4.08	5.34	4.50	16.06	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:59:01	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.05	-0.01	-0.02		ppb
Molybdenum	94-1	0.42	0.39	0.45	0.42	7.64	ppb
Molybdenum	95-1	0.45	0.38	0.41	0.41	8.70	ppb
Molybdenum	96-1	0.41	0.39	0.35	0.38	7.07	ppb
Molybdenum	97-1	0.40	0.39	0.27	0.35	20.58	ppb
Molybdenum	98-1	0.41	0.37	0.34	0.37	9.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.01	0.00		ppb
Phosphorus	31-2	15.10	15.59	2.52	11.07	66.93	ppb
Potassium	39-2	38.49	33.47	32.15	34.70	9.65	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	1.08	-2.49	-2.49	-1.30		ppb
Selenium	78-2	-0.20	-0.20	0.93	0.18	364.39	ppb
Selenium	82-1	-0.20	0.62	0.77	0.40	130.97	ppb
Silicon	28-1	-20.67	-22.80	-19.80	-21.09		ppb
Silver	109-1	0.03	0.02	0.04	0.03	25.15	ppb
Silver	107-1	0.04	0.04	0.03	0.04	9.77	ppb
Sodium	23-2	66.34	65.85	74.85	69.01	7.33	ppb
Strontium	86-1	0.01	-0.01	0.01	0.00	1275.80	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	2.15	ppb
Sulfur	34-1	-789.96	-979.22	-741.01	-836.73		ppb
Terbium	159-1				118		%
Terbium	159-2				117		%
Thallium	203-1	0.11	0.09	0.07	0.09	27.51	ppb
Thallium	205-1	0.12	0.10	0.10	0.11	11.92	ppb
Tin	118-1	0.32	0.29	0.26	0.29	9.83	ppb
Titanium	47-1	0.09	0.07	0.04	0.07	40.22	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	81.63	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	45.11	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	-0.01	-0.02	0.04	0.00	1663.50	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:59:01	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.11	0.10	0.10	7.68	ppb
Zirconium	91-1	0.10	0.11	0.10	0.10	8.01	ppb

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:16:01	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	42	31	31.50	cps
Antimony	121-1	308	242	300	283	12.82	cps
Arsenic	75-2	7	7	15	10	43.26	cps
Barium	135-1	17	67	75	53	59.78	cps
Barium	137-1	17	100	50	56	75.50	cps
Beryllium	9-1	61	56	56	57	5.58	cps
Bismuth	209-1	3222554	3268214	3212123	3234297	0.92	cps
Bismuth	209-2	965118	965292	982045	970818	1.00	cps
Boron	10-1	242	350	350	314	19.93	cps
Boron	11-1	1634	1650	1650	1645	0.59	cps
Cadmium	111-1	699	727	690	706	2.71	cps
Cadmium	106-1	983	1033	967	995	3.49	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	967	867	717	850	14.80	cps
Calcium	44-1	33040	32388	31653	32361	2.14	cps
Chromium	52-2	1247	1187	1110	1181	5.80	cps
Cobalt	59-2	117	80	77	91	24.36	cps
Copper	63-2	233	390	283	302	26.48	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	5655992	5719101	5665080	5680058	0.60	cps
Holmium	165-2	1435570	1432329	1437966	1435288	0.20	cps
Indium	115-1	5468227	5460632	5529795	5486218	0.69	cps
Indium	115-2	315713	310795	315366	313958	0.87	cps
Iron	56-2	2784	2673	2656	2704	2.57	cps
Iron	57-2	89	100	89	93	6.93	cps
Krypton	83-1	373	310	313	332	10.73	cps
Lead	206-1	161	156	167	161	3.45	cps
Lead	207-1	144	122	150	139	10.58	cps
Lead	208-1	656	528	606	596	10.80	cps
Lithium	6-1	1029952	1028862	1018345	1025719	0.62	cps
Magnesium	24-2	242	242	292	258	11.17	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:16:01	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	73	43	61	25.78	cps
Molybdenum	94-1	417	300	350	356	16.46	cps
Molybdenum	95-1	250	233	258	247	5.15	cps
Molybdenum	96-1	458	283	342	361	24.68	cps
Molybdenum	97-1	200	250	150	200	25.00	cps
Molybdenum	98-1	325	292	400	339	16.37	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	60	63	57	15.56	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3959	4284	3976	4073	4.50	cps
Rhodium	103-1	5434811	5436078	5551214	5474034	1.22	cps
Rhodium	103-2	1676173	1652029	1674285	1667496	0.81	cps
Scandium	45-1	3924763	3934061	3889042	3915955	0.61	cps
Scandium	45-2	44507	45152	45574	45078	1.19	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-86	-19	-22	-42	-89.72	cps
Silicon	28-1	403434	405718	402523	403891	0.41	cps
Silver	109-1	67	67	25	53	45.58	cps
Silver	107-1	100	33	67	67	50.00	cps
Sodium	23-2	7811	7519	7611	7647	1.95	cps
Strontium	86-1	492	450	542	494	9.28	cps
Strontium	88-1	75	108	92	92	18.18	cps
Sulfur	34-1	394040	397859	395552	395817	0.49	cps
Terbium	159-1	5942930	6021224	5852768	5938974	1.42	cps
Terbium	159-2	1413983	1411411	1420752	1415382	0.34	cps
Thallium	203-1	150	125	183	153	19.15	cps
Thallium	205-1	217	292	308	272	17.94	cps
Tin	118-1	458	408	417	428	6.26	cps
Titanium	47-1	208	200	167	192	11.50	cps
Uranium	238-1	142	150	167	153	8.33	cps
Vanadium	51-2	13	7	20	13	49.99	cps
Yttrium	89-1	6189251	6216530	6101520	6169100	0.97	cps
Yttrium	89-2	258799	257161	258365	258108	0.33	cps
Zinc	66-2	53	77	67	66	17.86	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:16:01	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	567	450	475	497	12.35	cps
Zirconium	91-1	92	133	83	103	26.06	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:23:33	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	142	225	186	22.54	cps
Antimony	121-1	13933	13633	13716	13760	1.13	cps
Arsenic	75-2	117	120	130	122	5.46	cps
Barium	135-1	13324	13699	13849	13624	1.99	cps
Barium	137-1	23906	23647	23514	23689	0.84	cps
Beryllium	9-1	1300	1178	1189	1222	5.53	cps
Bismuth	209-1	3313660	3280749	3195857	3263422	1.86	cps
Bismuth	209-2	987006	998319	980687	988671	0.90	cps
Boron	10-1	3767	3742	4059	3856	4.57	cps
Boron	11-1	16910	17904	17770	17528	3.07	cps
Cadmium	111-1	2497	2438	2601	2512	3.28	cps
Cadmium	106-1	1167	1433	1450	1350	11.78	cps
Cadmium	108-1	129	142	104	125	15.27	cps
Calcium	43-1	9962	10579	10288	10276	3.00	cps
Calcium	44-1	185468	184580	185494	185181	0.28	cps
Chromium	52-2	3571	3357	3604	3510	3.81	cps
Cobalt	59-2	2024	2217	2104	2115	4.59	cps
Copper	63-2	3821	3734	3874	3809	1.85	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	33	67	58	53	32.88	cps
Gadolinium	160-2	3	13	17	11	62.48	cps
Holmium	165-1	5615285	5634491	5603163	5617646	0.28	cps
Holmium	165-2	1451281	1482492	1465054	1466276	1.07	cps
Indium	115-1	5559973	5563412	5533329	5552238	0.30	cps
Indium	115-2	325569	320491	321373	322478	0.84	cps
Iron	56-2	38632	38609	38782	38675	0.24	cps
Iron	57-2	945	989	950	961	2.52	cps
Krypton	83-1	287	360	393	347	15.74	cps
Lead	206-1	3489	3506	3412	3469	1.45	cps
Lead	207-1	3173	3134	2934	3080	4.16	cps
Lead	208-1	14520	14165	13753	14146	2.71	cps
Lithium	6-1	1052471	1040553	1027753	1040259	1.19	cps
Magnesium	24-2	20541	21333	21058	20977	1.92	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:23:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	357	393	323	358	9.79	cps
Molybdenum	94-1	13441	13641	13207	13429	1.62	cps
Molybdenum	95-1	16094	15459	15560	15704	2.17	cps
Molybdenum	96-1	17003	17479	17620	17367	1.86	cps
Molybdenum	97-1	9662	9420	9962	9682	2.80	cps
Molybdenum	98-1	25609	25700	26101	25803	1.01	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	727	770	743	747	2.93	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	16402	16260	16736	16466	1.48	cps
Rhodium	103-1	5531154	5457196	5422742	5470364	1.01	cps
Rhodium	103-2	1680274	1687491	1718897	1695554	1.21	cps
Scandium	45-1	4000571	3948903	3948946	3966140	0.75	cps
Scandium	45-2	45671	46714	45450	45945	1.47	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	19	20	22	20	9.08	cps
Selenium	82-1	549	466	415	477	14.17	cps
Silicon	28-1	462734	461520	461734	461996	0.14	cps
Silver	109-1	7719	7811	7194	7575	4.40	cps
Silver	107-1	7828	7911	7853	7864	0.54	cps
Sodium	23-2	58755	57417	57358	57843	1.37	cps
Strontium	86-1	2350	2625	2575	2517	5.82	cps
Strontium	88-1	18447	18004	18697	18383	1.91	cps
Sulfur	34-1	397642	398201	399502	398448	0.24	cps
Terbium	159-1	5896382	5900085	5866306	5887591	0.31	cps
Terbium	159-2	1440079	1451445	1432870	1441465	0.65	cps
Thallium	203-1	4343	3984	4251	4193	4.44	cps
Thallium	205-1	9613	9637	9988	9746	2.15	cps
Tin	118-1	23747	24139	24323	24070	1.22	cps
Titanium	47-1	5109	5126	5026	5087	1.05	cps
Uranium	238-1	12132	11322	11723	11726	3.45	cps
Vanadium	51-2	3814	4061	3961	3945	3.15	cps
Yttrium	89-1	6378328	6295432	6217851	6297204	1.27	cps
Yttrium	89-2	265129	265671	266395	265731	0.24	cps
Zinc	66-2	450	523	477	483	7.68	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:23:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10863	11322	11080	11088	2.07	cps
Zirconium	91-1	2759	2342	2617	2573	8.24	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:27:18	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9295	9595	8828	9239	4.18	cps
Antimony	121-1	366354	368219	368750	367774	0.34	cps
Arsenic	75-2	6283	6435	6604	6440	2.49	cps
Barium	135-1	363540	366399	360767	363569	0.77	cps
Barium	137-1	633621	635654	630933	633403	0.37	cps
Beryllium	9-1	65499	65650	63947	65032	1.45	cps
Bismuth	209-1	3218794	3266040	3343271	3276035	1.92	cps
Bismuth	209-2	1020762	999839	1018187	1012930	1.13	cps
Boron	10-1	7527	7552	8119	7733	4.33	cps
Boron	11-1	34292	35387	36623	35434	3.29	cps
Cadmium	111-1	86886	85473	85532	85964	0.93	cps
Cadmium	106-1	10388	10479	10263	10377	1.05	cps
Cadmium	108-1	6256	6306	6106	6222	1.67	cps
Calcium	43-1	104730	105604	104370	104902	0.61	cps
Calcium	44-1	1791330	1735673	1759000	1762001	1.59	cps
Chromium	52-2	58110	58696	57574	58127	0.96	cps
Cobalt	59-2	112550	113333	113058	112980	0.35	cps
Copper	63-2	187480	188428	187708	187872	0.26	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	33	33	50	39	24.73	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	5515040	5758970	5646400	5640137	2.16	cps
Holmium	165-2	1506283	1499765	1508762	1504937	0.31	cps
Indium	115-1	5396686	5629372	5651029	5559029	2.54	cps
Indium	115-2	327010	325287	325048	325782	0.33	cps
Iron	56-2	1960582	1943887	1938677	1947716	0.59	cps
Iron	57-2	48105	48702	47598	48135	1.15	cps
Krypton	83-1	273	333	340	316	11.64	cps
Lead	206-1	177130	176376	176196	176567	0.28	cps
Lead	207-1	159772	160751	160368	160297	0.31	cps
Lead	208-1	715994	717728	715790	716504	0.15	cps
Lithium	6-1	1030160	1037030	1047932	1038374	0.86	cps
Magnesium	24-2	225027	221750	223354	223377	0.73	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:27:18	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34115	33865	33317	33765	1.21	cps
Molybdenum	94-1	692956	687889	697369	692738	0.68	cps
Molybdenum	95-1	841444	844840	845964	844083	0.28	cps
Molybdenum	96-1	934669	931584	940258	935503	0.47	cps
Molybdenum	97-1	525045	526445	526435	525975	0.15	cps
Molybdenum	98-1	1346889	1349047	1340316	1345417	0.34	cps
Neodymium	150-1	53	13	40	36	57.29	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	32318	31973	32234	32175	0.56	cps
Phosphorus	31-2	817	842	617	758	16.26	cps
Potassium	39-2	71038	71809	72814	71887	1.24	cps
Rhodium	103-1	5360682	5487042	5533986	5460570	1.64	cps
Rhodium	103-2	1714739	1695334	1733237	1714436	1.11	cps
Scandium	45-1	3834303	3947451	3976971	3919575	1.92	cps
Scandium	45-2	47065	46664	46801	46843	0.44	cps
Selenium	77-2	57	47	47	50	11.55	cps
Selenium	78-2	170	169	172	170	1.09	cps
Selenium	82-1	5834	5764	5737	5778	0.87	cps
Silicon	28-1	636062	628955	627900	630972	0.70	cps
Silver	109-1	400441	399958	402439	400946	0.33	cps
Silver	107-1	424385	424795	423913	424364	0.10	cps
Sodium	23-2	534701	535179	533806	534562	0.13	cps
Strontium	86-1	111931	112210	111781	111974	0.19	cps
Strontium	88-1	948468	960041	955382	954631	0.61	cps
Sulfur	34-1	436090	436466	436388	436315	0.05	cps
Terbium	159-1	5804158	6015024	6041973	5953718	2.19	cps
Terbium	159-2	1484802	1476831	1484673	1482102	0.31	cps
Thallium	203-1	218916	217103	219039	218353	0.50	cps
Thallium	205-1	521335	527752	524032	524373	0.61	cps
Tin	118-1	256397	257600	254161	256052	0.68	cps
Titanium	47-1	256246	255575	259098	256973	0.73	cps
Uranium	238-1	621355	616183	632008	623182	1.29	cps
Vanadium	51-2	42869	42220	41876	42322	1.19	cps
Yttrium	89-1	6029233	6370074	6282318	6227208	2.84	cps
Yttrium	89-2	268930	267274	267668	267957	0.32	cps
Zinc	66-2	18432	18372	18352	18386	0.23	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:27:18	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	581378	589226	588083	586229	0.72	cps
Zirconium	91-1	128359	127016	128812	128063	0.73	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:31:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23245	22210	23370	22942	2.78	cps
Antimony	121-1	942606	949033	955141	948927	0.66	cps
Arsenic	75-2	15950	15518	15707	15725	1.38	cps
Barium	135-1	932623	932512	937682	934272	0.32	cps
Barium	137-1	1644583	1633194	1615918	1631232	0.88	cps
Beryllium	9-1	162851	163866	164327	163681	0.46	cps
Bismuth	209-1	3258258	3403130	3392096	3351161	2.41	cps
Bismuth	209-2	1037441	1027991	1027386	1030939	0.55	cps
Boron	10-1	18354	19197	19447	18999	3.01	cps
Boron	11-1	87173	86955	89604	87911	1.67	cps
Cadmium	111-1	215991	215897	216162	216017	0.06	cps
Cadmium	106-1	23739	23880	23780	23800	0.31	cps
Cadmium	108-1	15722	15296	15805	15608	1.75	cps
Calcium	43-1	257650	260011	258626	258762	0.46	cps
Calcium	44-1	4279640	4319365	4272453	4290486	0.59	cps
Chromium	52-2	142197	142193	142126	142172	0.03	cps
Cobalt	59-2	276628	274548	278834	276670	0.77	cps
Copper	63-2	466337	462101	460768	463069	0.63	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	58	42	8	36	70.51	cps
Gadolinium	160-2	10	0	7	6	91.64	cps
Holmium	165-1	5623322	5891172	5893754	5802749	2.68	cps
Holmium	165-2	1525220	1530160	1505712	1520364	0.85	cps
Indium	115-1	5487114	5749281	5719985	5652127	2.54	cps
Indium	115-2	322216	319392	323362	321656	0.64	cps
Iron	56-2	4747375	4733642	4732575	4737864	0.17	cps
Iron	57-2	117009	119066	118107	118060	0.87	cps
Krypton	83-1	310	317	337	321	4.32	cps
Lead	206-1	455626	458251	462427	458768	0.75	cps
Lead	207-1	411720	413981	413802	413168	0.30	cps
Lead	208-1	1846365	1867257	1862514	1858712	0.59	cps
Lithium	6-1	1010470	1056941	1059866	1042426	2.66	cps
Magnesium	24-2	544925	548197	543765	545629	0.42	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:31:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83088	82763	82160	82670	0.57	cps
Molybdenum	94-1	1786859	1754528	1765676	1769021	0.93	cps
Molybdenum	95-1	2190846	2167311	2157648	2171935	0.79	cps
Molybdenum	96-1	2445287	2409058	2422354	2425567	0.76	cps
Molybdenum	97-1	1341817	1332430	1330036	1334761	0.47	cps
Molybdenum	98-1	3489987	3451587	3454902	3465492	0.61	cps
Neodymium	150-1	20	73	53	49	55.11	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	80809	80648	81034	80831	0.24	cps
Phosphorus	31-2	1533	1742	1725	1667	6.95	cps
Potassium	39-2	168065	167306	170131	168501	0.87	cps
Rhodium	103-1	5385338	5635593	5598178	5539703	2.44	cps
Rhodium	103-2	1708325	1713541	1713017	1711628	0.17	cps
Scandium	45-1	3899947	4046458	4062669	4003025	2.24	cps
Scandium	45-2	46012	46280	45781	46024	0.54	cps
Selenium	77-2	120	77	123	107	24.41	cps
Selenium	78-2	435	485	456	459	5.48	cps
Selenium	82-1	14651	14489	14744	14628	0.88	cps
Silicon	28-1	962272	965691	959051	962338	0.35	cps
Silver	109-1	1018362	1013134	1019154	1016883	0.32	cps
Silver	107-1	1061616	1069953	1062841	1064804	0.42	cps
Sodium	23-2	1338242	1328853	1360710	1342602	1.22	cps
Strontium	86-1	277274	278610	282553	279479	0.98	cps
Strontium	88-1	2406921	2475341	2455599	2445954	1.44	cps
Sulfur	34-1	474045	477087	479171	476768	0.54	cps
Terbium	159-1	5981078	6307326	6141004	6143136	2.66	cps
Terbium	159-2	1509557	1504514	1509862	1507978	0.20	cps
Thallium	203-1	570015	571728	575070	572271	0.45	cps
Thallium	205-1	1362513	1355104	1378594	1365403	0.88	cps
Tin	118-1	655816	649717	656231	653921	0.56	cps
Titanium	47-1	639019	645974	642903	642632	0.54	cps
Uranium	238-1	1639857	1674453	1674443	1662917	1.20	cps
Vanadium	51-2	104315	103884	104940	104380	0.51	cps
Yttrium	89-1	6093327	6426942	6321491	6280586	2.72	cps
Yttrium	89-2	266326	264189	262660	264392	0.70	cps
Zinc	66-2	45388	44324	44585	44766	1.24	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:31:01	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1492442	1492623	1493370	1492812	0.03	cps
Zirconium	91-1	328223	327263	326049	327178	0.33	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:34:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45474	45641	46418	45845	1.10	cps
Antimony	121-1	1953398	1954476	1974388	1960754	0.60	cps
Arsenic	75-2	31877	31863	32241	31994	0.67	cps
Barium	135-1	1915619	1921465	1944660	1927248	0.80	cps
Barium	137-1	3357034	3348719	3349484	3351746	0.14	cps
Beryllium	9-1	324167	324816	327280	325421	0.50	cps
Bismuth	209-1	3510790	3509863	3472916	3497856	0.62	cps
Bismuth	209-2	1048857	1064087	1060934	1057959	0.76	cps
Boron	10-1	38143	37859	39363	38455	2.08	cps
Boron	11-1	173816	176100	181392	177103	2.19	cps
Cadmium	111-1	436376	434293	438969	436546	0.54	cps
Cadmium	106-1	46147	47075	46306	46509	1.07	cps
Cadmium	108-1	31633	30827	31370	31277	1.31	cps
Calcium	43-1	522956	523365	529130	525150	0.66	cps
Calcium	44-1	8632236	8484148	8614419	8576934	0.94	cps
Chromium	52-2	284800	285042	282837	284226	0.43	cps
Cobalt	59-2	560132	555665	555602	557133	0.47	cps
Copper	63-2	929962	925930	924176	926689	0.32	cps
Dysprosium	156-1	42	25	75	47	53.92	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	33	25	42	33	25.00	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	33	83	75	64	41.93	cps
Gadolinium	160-2	0	13	20	11	91.66	cps
Holmium	165-1	6050773	6084301	6068025	6067700	0.28	cps
Holmium	165-2	1524799	1550720	1565310	1546943	1.33	cps
Indium	115-1	5765699	5781347	5855125	5800724	0.82	cps
Indium	115-2	315185	322614	325620	321140	1.67	cps
Iron	56-2	9433307	9457092	9394113	9428171	0.34	cps
Iron	57-2	239203	237387	236530	237707	0.57	cps
Krypton	83-1	313	390	347	350	10.98	cps
Lead	206-1	934106	937807	935657	935857	0.20	cps
Lead	207-1	846978	852417	843480	847625	0.53	cps
Lead	208-1	3826203	3835714	3828861	3830260	0.13	cps
Lithium	6-1	1058807	1073476	1059571	1063951	0.78	cps
Magnesium	24-2	1091671	1086780	1089380	1089277	0.22	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:34:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	165814	165025	166638	165825	0.49	cps
Molybdenum	94-1	3604144	3573122	3598515	3591927	0.46	cps
Molybdenum	95-1	4352303	4377401	4333649	4354451	0.50	cps
Molybdenum	96-1	4894537	4885343	4835908	4871929	0.65	cps
Molybdenum	97-1	2777673	2795358	2776471	2783168	0.38	cps
Molybdenum	98-1	6941635	6941392	6856607	6913211	0.71	cps
Neodymium	150-1	80	87	100	89	11.46	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	164225	161928	162722	162958	0.72	cps
Phosphorus	31-2	3601	3075	3392	3356	7.88	cps
Potassium	39-2	336628	334622	331510	334253	0.77	cps
Rhodium	103-1	5629930	5628271	5568881	5609027	0.62	cps
Rhodium	103-2	1688730	1706792	1711664	1702395	0.71	cps
Scandium	45-1	4085791	4035097	4051125	4057338	0.64	cps
Scandium	45-2	44915	44337	46299	45184	2.23	cps
Selenium	77-2	290	267	270	276	4.58	cps
Selenium	78-2	809	793	767	790	2.72	cps
Selenium	82-1	29149	29653	29666	29489	1.00	cps
Silicon	28-1	1302820	1289051	1302806	1298226	0.61	cps
Silver	109-1	2115070	2119761	2119043	2117958	0.12	cps
Silver	107-1	2211853	2190285	2192645	2198261	0.54	cps
Sodium	23-2	2655574	2656847	2678929	2663783	0.49	cps
Strontium	86-1	572092	567474	570857	570141	0.42	cps
Strontium	88-1	4887231	4855122	4906748	4883034	0.53	cps
Sulfur	34-1	551379	545035	548728	548381	0.58	cps
Terbium	159-1	6333123	6354574	6350894	6346197	0.18	cps
Terbium	159-2	1488155	1530057	1538012	1518741	1.76	cps
Thallium	203-1	1161724	1182469	1170074	1171422	0.89	cps
Thallium	205-1	2820011	2876006	2872151	2856056	1.10	cps
Tin	118-1	1331320	1328267	1351317	1336968	0.94	cps
Titanium	47-1	1317463	1306892	1293267	1305874	0.93	cps
Uranium	238-1	3407700	3461730	3448029	3439153	0.82	cps
Vanadium	51-2	210577	209032	207549	209053	0.72	cps
Yttrium	89-1	6511518	6424074	6535242	6490278	0.90	cps
Yttrium	89-2	259332	264306	266663	263434	1.42	cps
Zinc	66-2	90727	89429	89070	89742	0.97	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:34:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3014400	3032698	3040265	3029121	0.44	cps
Zirconium	91-1	664609	661008	668084	664567	0.53	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:38:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89021	88618	86673	88104	1.43	cps
Antimony	121-1	3952090	3980801	3903964	3945618	0.98	cps
Arsenic	75-2	62901	62751	62994	62882	0.20	cps
Barium	135-1	3838107	3910474	3813231	3853937	1.31	cps
Barium	137-1	6649274	6700782	6586905	6645654	0.86	cps
Beryllium	9-1	636988	638935	634079	636668	0.38	cps
Bismuth	209-1	3593526	3556989	3555278	3568598	0.61	cps
Bismuth	209-2	1070544	1078384	1066183	1071704	0.58	cps
Boron	10-1	74293	76571	76990	75951	1.91	cps
Boron	11-1	344200	351727	358139	351355	1.99	cps
Cadmium	111-1	871554	868203	875258	871672	0.40	cps
Cadmium	106-1	93003	90915	93791	92570	1.61	cps
Cadmium	108-1	62193	63127	62444	62588	0.77	cps
Calcium	43-1	1049265	1039650	1038751	1042555	0.56	cps
Calcium	44-1	17093557	16890278	17033224	17005686	0.61	cps
Chromium	52-2	559231	558970	558723	558975	0.05	cps
Cobalt	59-2	1092996	1099258	1096818	1096357	0.29	cps
Copper	63-2	1841149	1829296	1835302	1835249	0.32	cps
Dysprosium	156-1	58	42	25	42	40.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	17	25	67	36	74.18	cps
Gadolinium	160-2	13	20	17	17	20.01	cps
Holmium	165-1	6300911	6142073	6166026	6203003	1.38	cps
Holmium	165-2	1600339	1586510	1574228	1587026	0.82	cps
Indium	115-1	5836316	5883285	5757404	5825668	1.09	cps
Indium	115-2	323044	321969	321524	322179	0.24	cps
Iron	56-2	18474190	18639121	18609353	18574221	0.47	cps
Iron	57-2	468711	462484	464291	465162	0.69	cps
Krypton	83-1	390	347	350	362	6.66	cps
Lead	206-1	1996392	1944488	1941716	1960865	1.57	cps
Lead	207-1	1752138	1749823	1710206	1737389	1.36	cps
Lead	208-1	7978005	7851502	7730053	7853187	1.58	cps
Lithium	6-1	1083967	1063066	1059670	1068901	1.23	cps
Magnesium	24-2	2160300	2137841	2156988	2151709	0.56	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:38:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330368	328665	328165	329066	0.35	cps
Molybdenum	94-1	7135721	7159154	7186228	7160368	0.35	cps
Molybdenum	95-1	8747636	8676370	8783269	8735758	0.62	cps
Molybdenum	96-1	9695707	9802350	9625536	9707864	0.92	cps
Molybdenum	97-1	5556895	5472507	5525041	5518148	0.77	cps
Molybdenum	98-1	14038617	13931635	13888889	13953047	0.55	cps
Neodymium	150-1	93	80	147	107	33.07	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	318215	317629	319288	318377	0.26	cps
Phosphorus	31-2	7286	6418	6885	6863	6.32	cps
Potassium	39-2	644794	653049	646839	648227	0.66	cps
Rhodium	103-1	5639684	5600159	5555283	5598375	0.75	cps
Rhodium	103-2	1719796	1724980	1706607	1717128	0.55	cps
Scandium	45-1	4057445	4090224	4057688	4068452	0.46	cps
Scandium	45-2	46192	46012	46403	46202	0.42	cps
Selenium	77-2	530	417	383	443	17.34	cps
Selenium	78-2	1604	1624	1670	1633	2.09	cps
Selenium	82-1	58515	58583	58578	58559	0.06	cps
Silicon	28-1	2168099	2184337	2206718	2186385	0.89	cps
Silver	109-1	4123555	4154098	4125255	4134303	0.42	cps
Silver	107-1	4321778	4302673	4343665	4322706	0.47	cps
Sodium	23-2	5075358	5086993	5045066	5069139	0.43	cps
Strontium	86-1	1140017	1139580	1146792	1142130	0.35	cps
Strontium	88-1	9814989	9818344	9809773	9814369	0.04	cps
Sulfur	34-1	693714	686399	688286	689466	0.55	cps
Terbium	159-1	6480943	6515731	6417908	6471527	0.77	cps
Terbium	159-2	1558721	1560973	1559592	1559762	0.07	cps
Thallium	203-1	2468494	2379051	2387078	2411541	2.05	cps
Thallium	205-1	5799903	5668008	5639630	5702514	1.50	cps
Tin	118-1	2693508	2711106	2697738	2700784	0.34	cps
Titanium	47-1	2596228	2601495	2606624	2601449	0.20	cps
Uranium	238-1	6987124	6930206	6965764	6961031	0.41	cps
Vanadium	51-2	411496	411528	413411	412145	0.27	cps
Yttrium	89-1	6582245	6535926	6644175	6587449	0.82	cps
Yttrium	89-2	269404	265981	266723	267370	0.67	cps
Zinc	66-2	174394	175497	177144	175679	0.79	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:38:11	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6125118	6069013	6081248	6091793	0.48	cps
Zirconium	91-1	1342806	1336131	1342574	1340504	0.28	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 12:41:38 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178559	177623	177007	177730	0.44	cps
Antimony	121-1	8092050	8066037	8068539	8075542	0.18	cps
Arsenic	75-2	128203	127384	128016	127868	0.34	cps
Barium	135-1	7895718	7932705	8002874	7943766	0.69	cps
Barium	137-1	13673615	13733232	13880348	13762398	0.77	cps
Beryllium	9-1	1270319	1277429	1250582	1266110	1.10	cps
Bismuth	209-1	3659662	3639098	3680743	3659835	0.57	cps
Bismuth	209-2	1077187	1075692	1073547	1075475	0.17	cps
Boron	10-1	151880	153893	154582	153452	0.92	cps
Boron	11-1	695842	707524	718884	707417	1.63	cps
Cadmium	111-1	1809135	1811448	1766983	1795855	1.39	cps
Cadmium	106-1	184278	189406	185004	186229	1.49	cps
Cadmium	108-1	127694	127626	126209	127177	0.66	cps
Calcium	43-1	2104631	2082898	2116009	2101179	0.80	cps
Calcium	44-1	34536033	34323903	34248615	34369517	0.43	cps
Chromium	52-2	1120026	1114995	1111538	1115520	0.38	cps
Cobalt	59-2	2202632	2202060	2216895	2207196	0.38	cps
Copper	63-2	3643195	3620678	3610718	3624863	0.46	cps
Dysprosium	156-1	100	167	92	119	34.42	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	33	33	125	64	82.85	cps
Erbium	164-2	10	27	3	13	90.16	cps
Gadolinium	160-1	75	150	92	106	37.31	cps
Gadolinium	160-2	23	20	3	16	68.90	cps
Holmium	165-1	6399204	6287868	6394343	6360472	0.99	cps
Holmium	165-2	1617809	1632704	1614234	1621582	0.60	cps
Indium	115-1	5828393	5904406	5817459	5850086	0.81	cps
Indium	115-2	316620	317903	314801	316441	0.49	cps
Iron	56-2	37607579	37303715	37216481	37375925	0.55	cps
Iron	57-2	930256	927816	928252	928775	0.14	cps
Krypton	83-1	347	307	310	321	6.91	cps
Lead	206-1	4039968	3977261	3996579	4004603	0.80	cps
Lead	207-1	3598636	3581665	3593826	3591376	0.24	cps
Lead	208-1	16130699	16056941	16058144	16081928	0.26	cps
Lithium	6-1	1042311	1067015	1055721	1055016	1.17	cps
Magnesium	24-2	4257917	4228554	4173412	4219961	1.02	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:41:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	652384	653663	650424	652157	0.25	cps
Molybdenum	94-1	14658800	14555120	14723272	14645731	0.58	cps
Molybdenum	95-1	17877723	17654081	17970569	17834124	0.91	cps
Molybdenum	96-1	20128053	20016954	19762137	19969048	0.94	cps
Molybdenum	97-1	11376594	11350302	11302504	11343133	0.33	cps
Molybdenum	98-1	28548190	28469248	28427340	28481593	0.22	cps
Neodymium	150-1	293	273	333	300	10.18	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	629784	628203	625619	627869	0.33	cps
Phosphorus	31-2	13440	13640	12890	13323	2.92	cps
Potassium	39-2	1325608	1298145	1281207	1301653	1.72	cps
Rhodium	103-1	5648847	5647243	5555573	5617221	0.95	cps
Rhodium	103-2	1702633	1680847	1684155	1689211	0.70	cps
Scandium	45-1	4118022	4036461	4099768	4084750	1.05	cps
Scandium	45-2	46657	46363	45574	46198	1.21	cps
Selenium	77-2	1050	873	857	927	11.56	cps
Selenium	78-2	3236	3193	3247	3225	0.88	cps
Selenium	82-1	119933	118969	119082	119328	0.44	cps
Silicon	28-1	3652389	3679493	3596004	3642628	1.17	cps
Silver	109-1	8308669	8340248	8340834	8329917	0.22	cps
Silver	107-1	8744010	8760600	8646705	8717105	0.71	cps
Sodium	23-2	10079577	10102687	10054022	10078762	0.24	cps
Strontium	86-1	2373861	2364311	2367363	2368512	0.21	cps
Strontium	88-1	20238524	19957543	19998612	20064893	0.76	cps
Sulfur	34-1	997950	995469	991238	994886	0.34	cps
Terbium	159-1	6676233	6685013	6764399	6708548	0.72	cps
Terbium	159-2	1574837	1584803	1572541	1577393	0.41	cps
Thallium	203-1	4964668	4958659	4925797	4949708	0.42	cps
Thallium	205-1	11652243	11575201	11648876	11625440	0.37	cps
Tin	118-1	5421545	5499284	5507930	5476253	0.87	cps
Titanium	47-1	5212786	5177223	5202064	5197357	0.35	cps
Uranium	238-1	14384443	14448315	14522376	14451712	0.48	cps
Vanadium	51-2	827985	833938	827988	829970	0.41	cps
Yttrium	89-1	6705995	6646611	6663551	6672052	0.46	cps
Yttrium	89-2	267234	266270	265876	266460	0.26	cps
Zinc	66-2	353483	349890	348910	350761	0.69	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:41:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12471657	12256869	12327204	12351910	0.89	cps
Zirconium	91-1	2783150	2777007	2806327	2788828	0.55	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:44:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	894273	899404	897722	897133	0.29	cps
Antimony	121-1	21718	20108	18655	20161	7.60	cps
Arsenic	75-2	72	67	70	70	4.05	cps
Barium	135-1	3084	3442	3276	3267	5.49	cps
Barium	137-1	5743	5085	5860	5563	7.52	cps
Beryllium	9-1	328	283	306	306	7.27	cps
Bismuth	209-1	3647001	3607801	3557158	3603987	1.25	cps
Bismuth	209-2	1059017	1059633	1072885	1063845	0.74	cps
Boron	10-1	6877	6102	5184	6054	13.99	cps
Boron	11-1	30475	26709	25282	27488	9.76	cps
Cadmium	111-1	1328	1166	1335	1276	7.53	cps
Cadmium	106-1	1275	1183	1350	1270	6.58	cps
Cadmium	108-1	50	54	50	51	4.68	cps
Calcium	43-1	10692319	10630862	10723771	10682318	0.44	cps
Calcium	44-1	176989116	175408208	176842479	176413268	0.50	cps
Chromium	52-2	52994	52257	53418	52890	1.11	cps
Cobalt	59-2	3821	3837	3557	3738	4.20	cps
Copper	63-2	7095	7015	6969	7026	0.91	cps
Dysprosium	156-1	100	75	75	83	17.33	cps
Dysprosium	156-2	23	10	10	14	53.28	cps
Erbium	164-1	50	33	0	28	91.65	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	67	33	92	64	45.81	cps
Gadolinium	160-2	27	27	33	29	13.31	cps
Holmium	165-1	6559938	6521135	6548287	6543120	0.30	cps
Holmium	165-2	1648667	1656606	1698094	1667789	1.59	cps
Indium	115-1	5893444	5927032	5948125	5922867	0.47	cps
Indium	115-2	329743	321915	331094	327584	1.51	cps
Iron	56-2	184134837	181283693	183637854	183018795	0.83	cps
Iron	57-2	4632851	4602454	4622549	4619285	0.33	cps
Krypton	83-1	323	370	320	338	8.28	cps
Lead	206-1	23077	23589	23055	23240	1.30	cps
Lead	207-1	19543	19393	19560	19499	0.47	cps
Lead	208-1	90361	90611	90444	90472	0.14	cps
Lithium	6-1	1039430	1019129	1040074	1032878	1.15	cps
Magnesium	24-2	20838379	21008765	20858700	20901948	0.45	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:44:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3604	3634	3644	3627	0.57	cps
Molybdenum	94-1	23229	23179	22428	22945	1.96	cps
Molybdenum	95-1	37963	36417	36358	36912	2.47	cps
Molybdenum	96-1	41716	41130	40394	41080	1.61	cps
Molybdenum	97-1	23571	21593	21944	22369	4.72	cps
Molybdenum	98-1	57708	58578	57615	57967	0.92	cps
Neodymium	150-1	93	47	80	73	32.78	cps
Neodymium	150-2	17	13	17	16	12.40	cps
Nickel	60-2	18379	18232	18389	18333	0.48	cps
Phosphorus	31-2	33	8	8	17	86.64	cps
Potassium	39-2	6303233	6326395	6292980	6307536	0.27	cps
Rhodium	103-1	5598189	5563250	5549824	5570421	0.45	cps
Rhodium	103-2	1658046	1626886	1685080	1656671	1.76	cps
Scandium	45-1	4125602	4054289	4051908	4077266	1.03	cps
Scandium	45-2	45707	44708	45376	45264	1.12	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	7	6	6	6	17.29	cps
Selenium	82-1	166	82	155	134	34.01	cps
Silicon	28-1	593574	598391	599770	597245	0.54	cps
Silver	109-1	1342	1325	1325	1331	0.72	cps
Silver	107-1	1417	1342	1408	1389	2.96	cps
Sodium	23-2	48904983	48943408	49135930	48994774	0.25	cps
Strontium	86-1	81686	82742	82768	82399	0.75	cps
Strontium	88-1	705526	703308	704867	704567	0.16	cps
Sulfur	34-1	384089	389101	389232	387474	0.76	cps
Terbium	159-1	6923848	6761384	6812689	6832640	1.22	cps
Terbium	159-2	1611729	1625745	1671027	1636167	1.89	cps
Thallium	203-1	3117	3101	3167	3128	1.11	cps
Thallium	205-1	7844	8011	7486	7781	3.45	cps
Tin	118-1	17529	18121	17028	17559	3.12	cps
Titanium	47-1	3117	3534	3234	3295	6.53	cps
Uranium	238-1	2675	2625	2600	2634	1.45	cps
Vanadium	51-2	513	463	463	480	6.01	cps
Yttrium	89-1	6825648	6700761	6751942	6759450	0.93	cps
Yttrium	89-2	271538	268919	275657	272038	1.25	cps
Zinc	66-2	1790	1743	1894	1809	4.24	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:44:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5326	4960	4901	5062	4.55	cps
Zirconium	91-1	1075	1175	1342	1197	11.25	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 12:54:46 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4509	4534	4268	4437	3.32	cps
Antimony	121-1	1528131	1526299	1552288	1535573	0.94	cps
Arsenic	75-2	25110	24898	24715	24908	0.79	cps
Barium	135-1	154064	152925	151526	152838	0.83	cps
Barium	137-1	265231	268674	268302	267402	0.71	cps
Beryllium	9-1	125794	124360	123850	124668	0.81	cps
Bismuth	209-1	3453652	3615728	3745349	3604910	4.05	cps
Bismuth	209-2	1119531	1106871	1118575	1114992	0.63	cps
Boron	10-1	68397	70994	72777	70722	3.11	cps
Boron	11-1	318379	329502	336638	328173	2.80	cps
Cadmium	111-1	179028	180029	179734	179597	0.29	cps
Cadmium	106-1	29501	28640	29258	29133	1.52	cps
Cadmium	108-1	15797	15668	15430	15632	1.19	cps
Calcium	43-1	45667	45215	45441	45441	0.50	cps
Calcium	44-1	739478	739097	732682	737085	0.52	cps
Chromium	52-2	107751	107146	107868	107588	0.36	cps
Cobalt	59-2	219769	217523	219772	219021	0.59	cps
Copper	63-2	183199	182042	183278	182840	0.38	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	67	50	47	44.41	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	5943041	6241039	6309632	6164571	3.16	cps
Holmium	165-2	1625519	1603236	1603618	1610791	0.79	cps
Indium	115-1	5578831	6011726	5905635	5832064	3.87	cps
Indium	115-2	330105	327505	330272	329294	0.47	cps
Iron	56-2	741752	737394	733575	737574	0.55	cps
Iron	57-2	18930	18452	18318	18566	1.73	cps
Krypton	83-1	303	337	343	328	6.54	cps
Lead	206-1	788298	776134	775043	779825	0.94	cps
Lead	207-1	684350	675058	675919	678442	0.76	cps
Lead	208-1	3131466	3102739	3106330	3113512	0.50	cps
Lithium	6-1	1001590	1063656	1064802	1043349	3.47	cps
Magnesium	24-2	51737	52607	50716	51687	1.83	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:54:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32448	32284	31776	32169	1.09	cps
Molybdenum	94-1	3203308	3189980	3197539	3196943	0.21	cps
Molybdenum	95-1	1808497	1762267	1771619	1780794	1.37	cps
Molybdenum	96-1	2313988	2278635	2292446	2295023	0.78	cps
Molybdenum	97-1	1095682	1087882	1086003	1089856	0.47	cps
Molybdenum	98-1	2856951	2816742	2814245	2829312	0.85	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	64204	63679	63856	63913	0.42	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	55000	54933	55552	55162	0.62	cps
Rhodium	103-1	5517480	5852471	5763870	5711274	3.04	cps
Rhodium	103-2	1774858	1776148	1750659	1767222	0.81	cps
Scandium	45-1	3832225	4074995	4066120	3991113	3.45	cps
Scandium	45-2	46179	45517	45547	45748	0.82	cps
Selenium	77-2	243	177	207	209	15.98	cps
Selenium	78-2	628	687	598	638	7.10	cps
Selenium	82-1	23591	23319	22968	23293	1.34	cps
Silicon	28-1	1991270	1969526	1959907	1973568	0.81	cps
Silver	109-1	816524	815826	823546	818632	0.52	cps
Silver	107-1	867263	859288	863024	863192	0.46	cps
Sodium	23-2	212489	207676	208759	209641	1.20	cps
Strontium	86-1	1141251	1133335	1125878	1133488	0.68	cps
Strontium	88-1	9763865	9685367	9711737	9720323	0.41	cps
Sulfur	34-1	390409	386976	390722	389369	0.53	cps
Terbium	159-1	6233339	6536350	6556926	6442205	2.81	cps
Terbium	159-2	1584551	1573122	1557946	1571873	0.85	cps
Thallium	203-1	996090	985782	986283	989385	0.59	cps
Thallium	205-1	2453577	2400338	2396305	2416740	1.32	cps
Tin	118-1	2762688	2725906	2703149	2730581	1.10	cps
Titanium	47-1	507690	508104	505052	506948	0.33	cps
Uranium	238-1	7088899	6804288	6949776	6947654	2.05	cps
Vanadium	51-2	79494	80024	79591	79703	0.35	cps
Yttrium	89-1	6321128	6614403	6721062	6552198	3.16	cps
Yttrium	89-2	269845	267234	268120	268400	0.49	cps
Zinc	66-2	36014	34964	35452	35477	1.48	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:54:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6096746	6016112	6003130	6038663	0.84	cps
Zirconium	91-1	1336016	1324246	1319413	1326558	0.64	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 12:58:31 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	42	33	25.01	cps
Antimony	121-1	4734	4276	3584	4198	13.80	cps
Arsenic	75-2	13	6	20	13	57.12	cps
Barium	135-1	67	33	42	47	36.73	cps
Barium	137-1	17	33	75	42	72.11	cps
Beryllium	9-1	139	100	83	107	26.54	cps
Bismuth	209-1	3668673	3640267	3646362	3651767	0.41	cps
Bismuth	209-2	1095355	1093680	1092162	1093732	0.15	cps
Boron	10-1	3284	2767	2575	2875	12.74	cps
Boron	11-1	13774	13165	12581	13173	4.53	cps
Cadmium	111-1	988	707	808	834	17.11	cps
Cadmium	106-1	1317	1008	1125	1150	13.54	cps
Cadmium	108-1	0	17	25	14	91.65	cps
Calcium	43-1	750	650	717	706	7.22	cps
Calcium	44-1	33967	33717	33215	33633	1.14	cps
Chromium	52-2	1120	1120	1120	1120	0.00	cps
Cobalt	59-2	63	70	50	61	16.66	cps
Copper	63-2	350	277	270	299	14.85	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	50	17	58	42	52.91	cps
Gadolinium	160-2	0	7	17	8	107.84	cps
Holmium	165-1	6128536	6285399	6163714	6192550	1.33	cps
Holmium	165-2	1568102	1565482	1573237	1568940	0.25	cps
Indium	115-1	5898650	5936463	5964327	5933147	0.56	cps
Indium	115-2	329926	328659	330763	329783	0.32	cps
Iron	56-2	2784	2889	3162	2945	6.62	cps
Iron	57-2	78	100	89	89	12.50	cps
Krypton	83-1	380	320	377	359	9.40	cps
Lead	206-1	322	283	306	304	6.42	cps
Lead	207-1	311	272	300	294	6.80	cps
Lead	208-1	1278	1328	1395	1333	4.39	cps
Lithium	6-1	1059282	1053586	1051242	1054703	0.39	cps
Magnesium	24-2	175	217	333	242	33.96	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 12:58:31 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	30	37	39	26.18	cps
Molybdenum	94-1	1325	1292	1050	1222	12.28	cps
Molybdenum	95-1	1133	1217	908	1086	14.69	cps
Molybdenum	96-1	1417	1250	1242	1303	7.58	cps
Molybdenum	97-1	758	675	675	703	6.85	cps
Molybdenum	98-1	1892	1700	1500	1697	11.54	cps
Neodymium	150-1	27	33	0	20	88.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	30	53	43	27.73	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	4693	4151	4326	4390	6.30	cps
Rhodium	103-1	5858210	5830506	5771321	5820012	0.76	cps
Rhodium	103-2	1745101	1770695	1773839	1763211	0.89	cps
Scandium	45-1	4053629	4080184	4021832	4051882	0.72	cps
Scandium	45-2	45377	44765	45169	45103	0.69	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-66	28	-69	-36	-154.63	cps
Silicon	28-1	364917	358956	362734	362202	0.83	cps
Silver	109-1	167	150	150	156	6.18	cps
Silver	107-1	208	242	225	225	7.41	cps
Sodium	23-2	12306	12531	12990	12609	2.76	cps
Strontium	86-1	558	350	542	483	23.95	cps
Strontium	88-1	550	425	433	469	14.89	cps
Sulfur	34-1	387827	389514	387510	388284	0.28	cps
Terbium	159-1	6465367	6534909	6404517	6468264	1.01	cps
Terbium	159-2	1550385	1543108	1565807	1553100	0.75	cps
Thallium	203-1	667	608	567	614	8.18	cps
Thallium	205-1	1609	1525	1275	1470	11.81	cps
Tin	118-1	1684	1417	1650	1584	9.18	cps
Titanium	47-1	275	158	308	247	31.86	cps
Uranium	238-1	342	450	375	389	14.27	cps
Vanadium	51-2	23	10	23	19	40.75	cps
Yttrium	89-1	6559982	6628927	6590418	6593109	0.52	cps
Yttrium	89-2	267107	265747	268172	267009	0.46	cps
Zinc	66-2	50	70	57	59	17.29	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 12:58:31	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1450	1117	1092	1220	16.41	cps
Zirconium	91-1	217	267	208	231	13.68	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:01:54	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	815064	787174	789920	797386	1.93	cps
Antimony	121-1	9988	9871	9963	9940	0.62	cps
Arsenic	75-2	35	30	54	40	31.90	cps
Barium	135-1	2434	2359	2350	2381	1.93	cps
Barium	137-1	3901	3809	3576	3762	4.46	cps
Beryllium	9-1	383	444	389	406	8.33	cps
Bismuth	209-1	3466724	3378531	3388554	3411270	1.42	cps
Bismuth	209-2	1017256	928100	1011671	985676	5.07	cps
Boron	10-1	2017	2059	1884	1986	4.60	cps
Boron	11-1	9303	9128	8444	8959	5.07	cps
Cadmium	111-1	1433	1349	1424	1402	3.27	cps
Cadmium	106-1	1325	1100	1275	1233	9.58	cps
Cadmium	108-1	933	917	896	915	2.05	cps
Calcium	43-1	1986297	1999495	1984944	1990245	0.40	cps
Calcium	44-1	32423436	32509439	32329309	32420728	0.28	cps
Chromium	52-2	22689	21620	21791	22033	2.61	cps
Cobalt	59-2	2274	2480	2614	2456	6.98	cps
Copper	63-2	13657	13410	13020	13362	2.40	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	25	33	67	42	52.91	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	33	92	42	56	56.79	cps
Gadolinium	160-2	0	17	10	9	94.38	cps
Holmium	165-1	6124226	6095447	6018795	6079489	0.90	cps
Holmium	165-2	1553773	1418246	1531955	1501324	4.85	cps
Indium	115-1	5750458	5713365	5677496	5713773	0.64	cps
Indium	115-2	319762	290357	313666	307928	5.04	cps
Iron	56-2	70998879	69408799	68692506	69700061	1.69	cps
Iron	57-2	1812186	1756185	1795201	1787857	1.61	cps
Krypton	83-1	320	323	373	339	8.82	cps
Lead	206-1	18113	18097	18292	18167	0.59	cps
Lead	207-1	14320	14014	13902	14079	1.53	cps
Lead	208-1	67404	66647	66312	66788	0.84	cps
Lithium	6-1	1086004	1086124	1090957	1087695	0.26	cps
Magnesium	24-2	4090410	3966501	3950015	4002309	1.92	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:01:54	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2584	2314	2430	2442	5.55	cps
Molybdenum	94-1	3776713	3792339	3844507	3804519	0.93	cps
Molybdenum	95-1	6622072	6601805	6722606	6648828	0.97	cps
Molybdenum	96-1	7118112	7056862	7151791	7108922	0.68	cps
Molybdenum	97-1	4212163	4221117	4241084	4224788	0.35	cps
Molybdenum	98-1	10522178	10528121	10604254	10551518	0.43	cps
Neodymium	150-1	27	40	27	31	24.74	cps
Neodymium	150-2	20	0	0	7	173.21	cps
Nickel	60-2	3274	3147	3400	3274	3.87	cps
Phosphorus	31-2	63049	62313	62330	62564	0.67	cps
Potassium	39-2	2561646	2487425	2500646	2516572	1.57	cps
Rhodium	103-1	5549813	5553614	5485545	5529657	0.69	cps
Rhodium	103-2	1670774	1485060	1617009	1590948	6.01	cps
Scandium	45-1	4052699	4062130	4053446	4056092	0.13	cps
Scandium	45-2	44651	40435	43795	42960	5.19	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	17	10	-33	-2	-1448.73	cps
Silicon	28-1	506852	502969	509870	506564	0.68	cps
Silver	109-1	717	608	658	661	8.20	cps
Silver	107-1	658	708	608	658	7.60	cps
Sodium	23-2	9804703	9494501	9435488	9578231	2.07	cps
Strontium	86-1	76055	76062	74889	75669	0.89	cps
Strontium	88-1	648695	646709	651804	649070	0.40	cps
Sulfur	34-1	2652326	2653574	2637819	2647906	0.33	cps
Terbium	159-1	6412642	6338755	6389639	6380345	0.59	cps
Terbium	159-2	1516157	1380132	1499511	1465267	5.06	cps
Thallium	203-1	1008	1100	1100	1070	4.95	cps
Thallium	205-1	1992	2442	2867	2434	17.98	cps
Tin	118-1	1775	1717	1717	1736	1.94	cps
Titanium	47-1	2062881	2028571	2047562	2046338	0.84	cps
Uranium	238-1	358	417	317	364	13.80	cps
Vanadium	51-2	153	147	133	144	7.05	cps
Yttrium	89-1	6483457	6558582	6465964	6502668	0.76	cps
Yttrium	89-2	265758	241604	258858	255406	4.87	cps
Zinc	66-2	1850	1917	1987	1918	3.56	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:01:54	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6002	5235	4134	5123	18.32	cps
Zirconium	91-1	1342	1050	908	1100	20.09	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:05:11 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	811412	806926	803284	807207	0.50	cps
Antimony	121-1	162967	158895	161972	161278	1.32	cps
Arsenic	75-2	2447	2421	2476	2448	1.14	cps
Barium	135-1	32599	32675	31881	32385	1.35	cps
Barium	137-1	57342	56882	56948	57057	0.44	cps
Beryllium	9-1	24839	24783	25184	24935	0.87	cps
Bismuth	209-1	3508755	3519404	3544701	3524287	0.52	cps
Bismuth	209-2	1013576	1056891	1063452	1044640	2.59	cps
Boron	10-1	8061	7869	7877	7936	1.37	cps
Boron	11-1	34476	35737	36255	35489	2.58	cps
Cadmium	111-1	33928	34773	34563	34421	1.28	cps
Cadmium	106-1	5126	5185	5176	5162	0.61	cps
Cadmium	108-1	3513	3342	3688	3514	4.92	cps
Calcium	43-1	1978740	1995436	1962257	1978811	0.84	cps
Calcium	44-1	32606489	32479478	32479408	32521792	0.23	cps
Chromium	52-2	44795	44745	44604	44715	0.22	cps
Cobalt	59-2	45461	45223	44551	45078	1.05	cps
Copper	63-2	48943	49505	48849	49099	0.72	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	13	0	3	6	124.93	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	7	20	17	14	48.02	cps
Gadolinium	160-1	92	67	58	72	24.02	cps
Gadolinium	160-2	20	13	17	17	20.01	cps
Holmium	165-1	6191180	6206546	6282974	6226900	0.79	cps
Holmium	165-2	1540200	1590707	1599308	1576739	2.03	cps
Indium	115-1	5876524	5928027	5901407	5901986	0.44	cps
Indium	115-2	314743	321456	320062	318754	1.11	cps
Iron	56-2	71098240	71015824	70286840	70800302	0.63	cps
Iron	57-2	1813720	1816119	1818471	1816103	0.13	cps
Krypton	83-1	427	370	393	397	7.18	cps
Lead	206-1	93744	92720	93430	93298	0.56	cps
Lead	207-1	77804	77329	78866	78000	1.01	cps
Lead	208-1	359968	361294	364939	362067	0.71	cps
Lithium	6-1	1101396	1120860	1127496	1116584	1.21	cps
Magnesium	24-2	4044697	4006797	4050227	4033907	0.59	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:05:11 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9066	8743	8863	8891	1.84	cps
Molybdenum	94-1	4117523	4127847	4146248	4130540	0.35	cps
Molybdenum	95-1	6813318	6801240	6873207	6829255	0.56	cps
Molybdenum	96-1	7414249	7371830	7382626	7389568	0.30	cps
Molybdenum	97-1	4375776	4305068	4375532	4352125	0.94	cps
Molybdenum	98-1	10890084	10879936	11018303	10929441	0.71	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	15846	16273	15813	15977	1.61	cps
Phosphorus	31-2	65067	62848	61961	63292	2.53	cps
Potassium	39-2	2548595	2559283	2492276	2533385	1.42	cps
Rhodium	103-1	5553387	5516468	5587895	5552584	0.64	cps
Rhodium	103-2	1633895	1670665	1687922	1664160	1.66	cps
Scandium	45-1	4031176	4049622	4007820	4029539	0.52	cps
Scandium	45-2	43848	44785	44092	44242	1.10	cps
Selenium	77-2	40	0	20	20	100.00	cps
Selenium	78-2	56	63	59	59	6.24	cps
Selenium	82-1	2154	2180	2201	2178	1.08	cps
Silicon	28-1	679804	679583	683533	680973	0.33	cps
Silver	109-1	149750	152313	154150	152071	1.45	cps
Silver	107-1	158632	159662	160478	159591	0.58	cps
Sodium	23-2	9829469	9630363	9620889	9693573	1.22	cps
Strontium	86-1	171049	171488	171077	171205	0.14	cps
Strontium	88-1	1508756	1513428	1484567	1502250	1.03	cps
Sulfur	34-1	2648275	2649312	2632021	2643203	0.37	cps
Terbium	159-1	6515997	6607134	6517382	6546838	0.80	cps
Terbium	159-2	1514084	1550752	1586335	1550390	2.33	cps
Thallium	203-1	92538	97189	97347	95691	2.86	cps
Thallium	205-1	223389	227396	226033	225606	0.90	cps
Tin	118-1	225371	227702	224943	226005	0.66	cps
Titanium	47-1	2072617	2073200	2073723	2073180	0.03	cps
Uranium	238-1	575068	578137	581594	578266	0.56	cps
Vanadium	51-2	15949	16263	15112	15775	3.77	cps
Yttrium	89-1	6558099	6631151	6590056	6593102	0.56	cps
Yttrium	89-2	261025	263988	266190	263734	0.98	cps
Zinc	66-2	5475	5551	5491	5506	0.73	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:05:11	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	505581	507861	512399	508614	0.68	cps
Zirconium	91-1	111116	112387	112025	111843	0.59	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:08:28	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442899	454596	446289	447928	1.34	cps
Antimony	121-1	4067744	4087574	4056655	4070658	0.38	cps
Arsenic	75-2	64224	63292	63832	63783	0.73	cps
Barium	135-1	4079733	4058453	4053556	4063914	0.34	cps
Barium	137-1	6962311	6994840	6992753	6983301	0.26	cps
Beryllium	9-1	621678	624831	624584	623698	0.28	cps
Bismuth	209-1	3629690	3689104	3686646	3668480	0.92	cps
Bismuth	209-2	1091443	1085499	1079296	1085412	0.56	cps
Boron	10-1	73496	75248	77349	75365	2.56	cps
Boron	11-1	335630	348367	349627	344541	2.25	cps
Cadmium	111-1	865586	879485	878523	874531	0.89	cps
Cadmium	106-1	93977	94480	92735	93731	0.96	cps
Cadmium	108-1	62360	62159	62444	62321	0.23	cps
Calcium	43-1	5126420	5119825	5140444	5128896	0.21	cps
Calcium	44-1	84859316	85450375	85891314	85400335	0.61	cps
Chromium	52-2	571197	580349	572633	574727	0.86	cps
Cobalt	59-2	1078229	1077222	1073609	1076353	0.23	cps
Copper	63-2	1809719	1772844	1779429	1787331	1.10	cps
Dysprosium	156-1	92	83	75	83	10.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	83	25	42	50	60.09	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	92	58	92	81	23.89	cps
Gadolinium	160-2	47	33	7	29	70.50	cps
Holmium	165-1	6470333	6545863	6530744	6515647	0.61	cps
Holmium	165-2	1671265	1668688	1625903	1655285	1.54	cps
Indium	115-1	5832872	5954978	5943853	5910567	1.14	cps
Indium	115-2	323573	321578	321175	322108	0.40	cps
Iron	56-2	89253405	90067685	89588335	89636475	0.46	cps
Iron	57-2	2286179	2318619	2290826	2298541	0.76	cps
Krypton	83-1	377	390	323	363	9.71	cps
Lead	206-1	2016924	2050592	2035239	2034252	0.83	cps
Lead	207-1	1784005	1831323	1817931	1811086	1.35	cps
Lead	208-1	8178923	8303382	8224340	8235549	0.76	cps
Lithium	6-1	1064869	1092396	1070624	1075963	1.35	cps
Magnesium	24-2	10309280	10415255	10475292	10399942	0.81	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:08:28	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	325348	329754	326560	327221	0.70	cps
Molybdenum	94-1	7365679	7466067	7435970	7422572	0.69	cps
Molybdenum	95-1	8917101	9114891	8996105	9009366	1.11	cps
Molybdenum	96-1	10145493	10045372	10149253	10113373	0.58	cps
Molybdenum	97-1	5805386	5775630	5756234	5779083	0.43	cps
Molybdenum	98-1	14501305	14480119	14465109	14482178	0.13	cps
Neodymium	150-1	147	120	120	129	11.94	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	314857	316159	314021	315012	0.34	cps
Phosphorus	31-2	7060	6852	6510	6808	4.08	cps
Potassium	39-2	3158480	3178603	3165845	3167642	0.32	cps
Rhodium	103-1	5679974	5588186	5633730	5633963	0.81	cps
Rhodium	103-2	1699963	1674953	1659058	1677991	1.23	cps
Scandium	45-1	4034888	4089050	4061547	4061829	0.67	cps
Scandium	45-2	45102	45681	44677	45154	1.12	cps
Selenium	77-2	493	453	413	453	8.82	cps
Selenium	78-2	1454	1652	1706	1604	8.27	cps
Selenium	82-1	58634	58973	59207	58938	0.49	cps
Silicon	28-1	2150711	2160671	2146098	2152493	0.35	cps
Silver	109-1	4134704	4194180	4105591	4144825	1.09	cps
Silver	107-1	4333372	4360021	4352945	4348779	0.32	cps
Sodium	23-2	24535059	24664122	24415041	24538074	0.51	cps
Strontium	86-1	1189700	1201855	1206409	1199321	0.72	cps
Strontium	88-1	10441281	10340434	10310289	10364001	0.66	cps
Sulfur	34-1	681476	690925	690597	687666	0.78	cps
Terbium	159-1	6758313	6859106	6813654	6810357	0.74	cps
Terbium	159-2	1643687	1598253	1593654	1611864	1.72	cps
Thallium	203-1	2503318	2528909	2528610	2520279	0.58	cps
Thallium	205-1	5898899	5979452	6038612	5972321	1.17	cps
Tin	118-1	2759747	2829550	2812695	2800664	1.30	cps
Titanium	47-1	2646073	2645284	2646708	2646021	0.03	cps
Uranium	238-1	7437359	7481546	7501081	7473329	0.44	cps
Vanadium	51-2	415544	417242	416672	416486	0.21	cps
Yttrium	89-1	6667426	6744936	6689307	6700556	0.60	cps
Yttrium	89-2	268884	267240	268837	268320	0.35	cps
Zinc	66-2	170074	170612	170590	170425	0.18	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:08:28	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6303495	6381161	6233435	6306030	1.17	cps
Zirconium	91-1	1375977	1397543	1379176	1384232	0.84	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:13:41 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	42	36	13.33	cps
Antimony	121-1	4118	3984	3751	3951	4.70	cps
Arsenic	75-2	9	7	2	6	62.47	cps
Barium	135-1	158	108	133	133	18.75	cps
Barium	137-1	267	167	150	194	32.45	cps
Beryllium	9-1	67	100	111	93	24.98	cps
Bismuth	209-1	3859876	3940034	3807052	3868987	1.73	cps
Bismuth	209-2	1145980	1137154	1149962	1144366	0.57	cps
Boron	10-1	2067	1967	1934	1989	3.49	cps
Boron	11-1	8678	8211	7644	8178	6.33	cps
Cadmium	111-1	845	799	919	854	7.12	cps
Cadmium	106-1	1133	1100	1300	1178	9.10	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Calcium	43-1	892	925	658	825	17.61	cps
Calcium	44-1	36557	36599	36842	36666	0.42	cps
Chromium	52-2	967	1013	960	980	2.97	cps
Cobalt	59-2	80	87	77	81	6.28	cps
Copper	63-2	370	400	357	376	5.91	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	33	75	33	47	50.95	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	6519160	6535525	6378652	6477779	1.33	cps
Holmium	165-2	1647439	1614226	1648428	1636698	1.19	cps
Indium	115-1	6083311	6117354	6065331	6088666	0.43	cps
Indium	115-2	335446	332155	331888	333163	0.59	cps
Iron	56-2	4879	4579	4479	4645	4.48	cps
Iron	57-2	128	117	100	115	12.18	cps
Krypton	83-1	327	413	317	352	15.09	cps
Lead	206-1	528	517	550	532	3.19	cps
Lead	207-1	578	528	433	513	14.30	cps
Lead	208-1	2261	2139	2106	2169	3.78	cps
Lithium	6-1	1064666	1091637	1065934	1074079	1.42	cps
Magnesium	24-2	450	400	358	403	11.40	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:13:41	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	63	43	56	19.29	cps
Molybdenum	94-1	1750	1442	1442	1545	11.53	cps
Molybdenum	95-1	1800	1809	1750	1786	1.77	cps
Molybdenum	96-1	2075	2042	1942	2020	3.44	cps
Molybdenum	97-1	1133	1192	1000	1108	8.86	cps
Molybdenum	98-1	2950	2734	2325	2670	11.89	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	50	57	50	52	7.37	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	4318	4634	4443	4465	3.57	cps
Rhodium	103-1	5905961	6010109	5934558	5950209	0.90	cps
Rhodium	103-2	1786264	1777020	1793816	1785700	0.47	cps
Scandium	45-1	4048509	4089467	4070214	4069397	0.50	cps
Scandium	45-2	44139	44049	44186	44125	0.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	9	-66	19	-13	-367.67	cps
Silicon	28-1	361926	359618	356683	359409	0.73	cps
Silver	109-1	575	583	483	547	10.14	cps
Silver	107-1	633	633	500	589	13.07	cps
Sodium	23-2	13957	13649	14108	13905	1.68	cps
Strontium	86-1	533	567	550	550	3.03	cps
Strontium	88-1	325	283	283	297	8.09	cps
Sulfur	34-1	388511	388342	391538	389464	0.46	cps
Terbium	159-1	6789298	6743347	6718071	6750238	0.53	cps
Terbium	159-2	1580913	1611905	1584522	1592447	1.06	cps
Thallium	203-1	983	883	942	936	5.37	cps
Thallium	205-1	2075	2242	1967	2095	6.61	cps
Tin	118-1	1175	950	1008	1045	11.18	cps
Titanium	47-1	300	242	300	281	12.00	cps
Uranium	238-1	233	167	192	197	17.08	cps
Vanadium	51-2	10	17	23	17	39.99	cps
Yttrium	89-1	6745138	6703267	6707293	6718566	0.34	cps
Yttrium	89-2	263559	265120	264090	264256	0.30	cps
Zinc	66-2	40	53	37	43	20.34	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:13:41	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1492	1442	1442	1458	1.98	cps
Zirconium	91-1	400	400	325	375	11.55	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:17:03 DataFile Name : 018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	183	233	211	12.06	cps
Antimony	121-1	16144	16544	16319	16336	1.23	cps
Arsenic	75-2	144	104	111	120	18.12	cps
Barium	135-1	14442	14709	14792	14648	1.25	cps
Barium	137-1	26611	25927	26561	26366	1.45	cps
Beryllium	9-1	1383	1300	1267	1317	4.56	cps
Bismuth	209-1	3862333	3825037	3810750	3832707	0.69	cps
Bismuth	209-2	1135592	1140634	1122577	1132934	0.82	cps
Boron	10-1	4351	4267	4117	4245	2.79	cps
Boron	11-1	20348	20382	20690	20474	0.92	cps
Cadmium	111-1	2285	2588	2404	2426	6.30	cps
Cadmium	106-1	1233	1350	1308	1297	4.56	cps
Cadmium	108-1	154	129	154	146	9.90	cps
Calcium	43-1	10413	10037	10521	10324	2.46	cps
Calcium	44-1	188043	187664	187334	187680	0.19	cps
Chromium	52-2	3454	3300	3447	3400	2.55	cps
Cobalt	59-2	2017	2117	2180	2105	3.91	cps
Copper	63-2	4007	3967	3884	3953	1.59	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	50	36	48.03	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	6446897	6443159	6390841	6426966	0.49	cps
Holmium	165-2	1649854	1658683	1643039	1650525	0.48	cps
Indium	115-1	6139095	6137831	6057043	6111323	0.77	cps
Indium	115-2	330350	335511	336330	334063	0.97	cps
Iron	56-2	38320	39239	38776	38778	1.18	cps
Iron	57-2	906	1156	978	1013	12.70	cps
Krypton	83-1	370	353	367	363	2.43	cps
Lead	206-1	4568	4195	4218	4327	4.83	cps
Lead	207-1	3690	4023	3334	3682	9.36	cps
Lead	208-1	17750	17383	16922	17352	2.39	cps
Lithium	6-1	1067232	1053883	1055040	1058718	0.70	cps
Magnesium	24-2	20140	20107	20324	20190	0.58	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:17:03	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	353	350	317	340	5.96	cps
Molybdenum	94-1	15743	14984	15409	15379	2.47	cps
Molybdenum	95-1	16769	16903	17604	17092	2.62	cps
Molybdenum	96-1	19882	20182	19999	20021	0.76	cps
Molybdenum	97-1	11130	10313	11080	10841	4.23	cps
Molybdenum	98-1	27179	28464	27855	27832	2.31	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	760	753	733	749	1.85	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	16110	16702	16344	16385	1.82	cps
Rhodium	103-1	5967160	5899447	5913110	5926572	0.60	cps
Rhodium	103-2	1778707	1786771	1784606	1783362	0.23	cps
Scandium	45-1	4073682	4044919	3996833	4038478	0.96	cps
Scandium	45-2	43691	43952	44631	44091	1.10	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	24	7	30	20	56.76	cps
Selenium	82-1	571	541	526	546	4.19	cps
Silicon	28-1	416405	410298	414254	413652	0.75	cps
Silver	109-1	8420	8470	7828	8239	4.34	cps
Silver	107-1	8278	8837	8203	8439	4.10	cps
Sodium	23-2	58856	59115	58872	58948	0.25	cps
Strontium	86-1	2717	2634	2759	2703	2.35	cps
Strontium	88-1	19874	19448	19339	19554	1.44	cps
Sulfur	34-1	390877	389489	384132	388166	0.92	cps
Terbium	159-1	6780894	6641966	6683516	6702125	1.06	cps
Terbium	159-2	1576649	1598972	1582562	1586061	0.73	cps
Thallium	203-1	5326	5235	5385	5315	1.42	cps
Thallium	205-1	12674	12707	12590	12657	0.48	cps
Tin	118-1	27120	26577	27429	27042	1.59	cps
Titanium	47-1	4943	5551	5343	5279	5.86	cps
Uranium	238-1	13675	13533	13441	13550	0.87	cps
Vanadium	51-2	3937	3884	3657	3826	3.89	cps
Yttrium	89-1	6690002	6736150	6721002	6715718	0.35	cps
Yttrium	89-2	266067	264813	265968	265616	0.26	cps
Zinc	66-2	437	377	433	416	8.11	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:17:03	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14842	14375	13816	14344	3.58	cps
Zirconium	91-1	3367	3292	3534	3398	3.64	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : PB110021BL Instrumnet Name : P8
 Client Sample ID : PB110021BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:20:25 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	50	44	39.04	cps
Antimony	121-1	1300	1125	1083	1170	9.83	cps
Arsenic	75-2	7	9	4	7	41.70	cps
Barium	135-1	83	33	17	44	78.07	cps
Barium	137-1	67	25	100	64	58.82	cps
Beryllium	9-1	83	28	89	67	50.69	cps
Bismuth	209-1	3776827	3693368	3830747	3766981	1.84	cps
Bismuth	209-2	1121131	1126649	1120408	1122729	0.30	cps
Boron	10-1	1350	1117	933	1133	18.43	cps
Boron	11-1	4768	4934	4851	4851	1.72	cps
Cadmium	111-1	799	912	899	870	7.10	cps
Cadmium	106-1	1108	1292	1275	1225	8.28	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	675	700	725	700	3.57	cps
Calcium	44-1	34560	34260	32856	33892	2.68	cps
Chromium	52-2	1030	1037	1017	1028	0.99	cps
Cobalt	59-2	70	67	87	74	14.39	cps
Copper	63-2	330	323	363	339	6.32	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	58	25	39	44.62	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	50	33	8	31	68.64	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	6430655	6313909	6340892	6361819	0.96	cps
Holmium	165-2	1621715	1654426	1584825	1620322	2.15	cps
Indium	115-1	6146691	5986131	6090713	6074512	1.34	cps
Indium	115-2	331858	332617	333701	332725	0.28	cps
Iron	56-2	2895	2845	2678	2806	4.04	cps
Iron	57-2	144	83	83	104	34.02	cps
Krypton	83-1	340	350	377	356	5.33	cps
Lead	206-1	317	394	378	363	11.28	cps
Lead	207-1	294	311	333	313	6.23	cps
Lead	208-1	1389	1317	1461	1389	5.20	cps
Lithium	6-1	1062240	1043595	1048539	1051458	0.92	cps
Magnesium	24-2	292	258	275	275	6.06	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BL	Instrumnet Name :	P8
Client Sample ID :	PB110021BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:20:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	60	47	56	13.85	cps
Molybdenum	94-1	717	667	517	633	16.43	cps
Molybdenum	95-1	492	525	550	522	5.60	cps
Molybdenum	96-1	483	675	467	542	21.37	cps
Molybdenum	97-1	367	367	375	369	1.30	cps
Molybdenum	98-1	950	775	742	822	13.61	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	37	40	43	20.34	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	4268	4526	4334	4376	3.07	cps
Rhodium	103-1	6001883	5868675	5873617	5914725	1.28	cps
Rhodium	103-2	1771194	1792443	1777306	1780315	0.61	cps
Scandium	45-1	4055645	4061739	4037218	4051534	0.32	cps
Scandium	45-2	45146	45393	44410	44983	1.14	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-18	-17	-22	-19	-15.90	cps
Silicon	28-1	358236	354950	353084	355424	0.73	cps
Silver	109-1	117	100	167	128	27.16	cps
Silver	107-1	208	175	217	200	11.02	cps
Sodium	23-2	11805	11822	11647	11758	0.82	cps
Strontium	86-1	467	550	450	489	10.96	cps
Strontium	88-1	167	108	133	136	21.50	cps
Sulfur	34-1	386871	388059	387138	387356	0.16	cps
Terbium	159-1	6685423	6572413	6580605	6612814	0.95	cps
Terbium	159-2	1617793	1619338	1588213	1608448	1.09	cps
Thallium	203-1	425	508	467	467	8.93	cps
Thallium	205-1	1058	1308	1167	1178	10.65	cps
Tin	118-1	875	808	817	833	4.36	cps
Titanium	47-1	125	117	233	158	41.11	cps
Uranium	238-1	67	67	92	75	19.24	cps
Vanadium	51-2	10	17	27	18	47.19	cps
Yttrium	89-1	6671965	6637975	6605959	6638633	0.50	cps
Yttrium	89-2	266139	267560	264761	266153	0.53	cps
Zinc	66-2	80	107	70	86	22.16	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BL	Instrumnet Name :	P8
Client Sample ID :	PB110021BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:20:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	767	925	833	842	9.45	cps
Zirconium	91-1	67	208	158	144	49.74	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BS	Instrumnet Name :	P8
Client Sample ID :	PB110021BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:23:46	DataFile Name :	020LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88660	88761	89163	88861	0.30	cps
Antimony	121-1	4040114	4063866	4056579	4053520	0.30	cps
Arsenic	75-2	63739	63796	62704	63413	0.97	cps
Barium	135-1	3986480	4002208	4020165	4002951	0.42	cps
Barium	137-1	6908519	6911765	6912661	6910981	0.03	cps
Beryllium	9-1	612286	615877	613749	613970	0.29	cps
Bismuth	209-1	3753107	3746771	3760684	3753521	0.19	cps
Bismuth	209-2	1121707	1043706	1109153	1091522	3.84	cps
Boron	10-1	69451	70365	73052	70956	2.64	cps
Boron	11-1	321599	331560	333213	328791	1.91	cps
Cadmium	111-1	887999	880115	886090	884735	0.46	cps
Cadmium	106-1	93162	93549	93238	93316	0.22	cps
Cadmium	108-1	62369	63939	63198	63168	1.24	cps
Calcium	43-1	1033978	1030123	1038581	1034227	0.41	cps
Calcium	44-1	17022621	16816100	16912551	16917091	0.61	cps
Chromium	52-2	549822	553981	551695	551833	0.38	cps
Cobalt	59-2	1092223	1088746	1085311	1088760	0.32	cps
Copper	63-2	1843502	1861883	1836955	1847447	0.70	cps
Dysprosium	156-1	42	58	67	56	22.91	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	100	67	50	72	35.26	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	6456213	6450185	6446189	6450863	0.08	cps
Holmium	165-2	1663068	1563897	1641361	1622775	3.21	cps
Indium	115-1	5944350	5959583	5984516	5962817	0.34	cps
Indium	115-2	329418	308723	324357	320833	3.36	cps
Iron	56-2	18464755	18574996	18417374	18485709	0.44	cps
Iron	57-2	461217	461751	458424	460464	0.39	cps
Krypton	83-1	320	357	253	310	16.90	cps
Lead	206-1	2029246	2064772	2063195	2052405	0.98	cps
Lead	207-1	1833938	1807329	1832197	1824488	0.82	cps
Lead	208-1	8243930	8276144	8317491	8279188	0.45	cps
Lithium	6-1	1039005	1060575	1028380	1042653	1.57	cps
Magnesium	24-2	2135044	2119369	2113220	2122544	0.53	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BS	Instrumnet Name :	P8
Client Sample ID :	PB110021BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:23:46	DataFile Name :	020LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	325724	326139	321759	324541	0.75	cps
Molybdenum	94-1	7291410	7271050	7222800	7261753	0.49	cps
Molybdenum	95-1	8811124	8755735	8875774	8814211	0.68	cps
Molybdenum	96-1	9980735	9796029	9847047	9874604	0.97	cps
Molybdenum	97-1	5673954	5668524	5673689	5672056	0.05	cps
Molybdenum	98-1	14061966	14088651	14250154	14133591	0.72	cps
Neodymium	150-1	100	100	140	113	20.38	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	314138	315471	314387	314665	0.23	cps
Phosphorus	31-2	6302	6185	6543	6343	2.88	cps
Potassium	39-2	640618	641374	637034	639675	0.36	cps
Rhodium	103-1	5745674	5751779	5715688	5737713	0.34	cps
Rhodium	103-2	1745739	1635105	1721943	1700929	3.42	cps
Scandium	45-1	4043876	4052646	4013392	4036638	0.51	cps
Scandium	45-2	45560	42531	44210	44100	3.44	cps
Selenium	77-2	480	487	497	488	1.72	cps
Selenium	78-2	1682	1598	1572	1617	3.53	cps
Selenium	82-1	58554	58984	58981	58840	0.42	cps
Silicon	28-1	2125535	2176767	2155036	2152446	1.19	cps
Silver	109-1	4266303	4249466	4299729	4271833	0.60	cps
Silver	107-1	4379805	4471267	4461075	4437382	1.13	cps
Sodium	23-2	5001613	4997466	4973023	4990701	0.31	cps
Strontium	86-1	1146039	1152226	1155827	1151364	0.43	cps
Strontium	88-1	9976076	9933523	9890561	9933387	0.43	cps
Sulfur	34-1	681320	678165	676930	678805	0.33	cps
Terbium	159-1	6809663	6758390	6599740	6722597	1.63	cps
Terbium	159-2	1600183	1514667	1594910	1569920	3.05	cps
Thallium	203-1	2548235	2557284	2554910	2553476	0.18	cps
Thallium	205-1	6010388	6033043	5973943	6005792	0.50	cps
Tin	118-1	2808312	2795993	2772252	2792186	0.66	cps
Titanium	47-1	2570212	2572177	2599711	2580700	0.64	cps
Uranium	238-1	7288163	7232516	7294250	7271643	0.47	cps
Vanadium	51-2	409739	411243	408280	409754	0.36	cps
Yttrium	89-1	6665926	6770834	6699533	6712098	0.80	cps
Yttrium	89-2	269824	253616	265413	262951	3.19	cps
Zinc	66-2	174691	175359	174549	174867	0.25	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BS	Instrumnet Name :	P8
Client Sample ID :	PB110021BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:23:46	DataFile Name :	020LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6113561	6136783	6100805	6117049	0.30	cps
Zirconium	91-1	1352649	1354647	1357398	1354898	0.18	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BSD	Instrumnet Name :	P8
Client Sample ID :	PB110021BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:26:58	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88425	86991	87537	87651	0.83	cps
Antimony	121-1	4061418	4077522	4107829	4082257	0.58	cps
Arsenic	75-2	63502	63912	62535	63316	1.12	cps
Barium	135-1	4054223	4050507	4018362	4041031	0.49	cps
Barium	137-1	6916856	6954750	6939486	6937031	0.27	cps
Beryllium	9-1	617228	613181	617336	615915	0.38	cps
Bismuth	209-1	3784127	3633497	3641893	3686506	2.30	cps
Bismuth	209-2	1127365	1122456	1137724	1129182	0.69	cps
Boron	10-1	69092	71211	76069	72124	4.96	cps
Boron	11-1	329986	343058	346331	339791	2.55	cps
Cadmium	111-1	895116	895244	901704	897355	0.42	cps
Cadmium	106-1	95337	93557	96092	94995	1.37	cps
Cadmium	108-1	63495	63105	64382	63661	1.03	cps
Calcium	43-1	1038712	1041092	1049521	1043108	0.54	cps
Calcium	44-1	17020671	17133801	17170734	17108402	0.46	cps
Chromium	52-2	552054	553225	551999	552426	0.13	cps
Cobalt	59-2	1088294	1093977	1093049	1091773	0.28	cps
Copper	63-2	1863135	1848534	1847582	1853083	0.47	cps
Dysprosium	156-1	58	58	17	44	54.12	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	100	17	92	69	66.09	cps
Gadolinium	160-2	13	20	20	18	21.66	cps
Holmium	165-1	6459737	6169315	6272805	6300619	2.34	cps
Holmium	165-2	1701683	1682192	1690980	1691618	0.58	cps
Indium	115-1	5956127	5860926	5794309	5870454	1.39	cps
Indium	115-2	332894	331692	329328	331305	0.55	cps
Iron	56-2	18567337	18518500	18478249	18521362	0.24	cps
Iron	57-2	460440	459495	460558	460164	0.13	cps
Krypton	83-1	310	363	373	349	9.76	cps
Lead	206-1	2073913	2069857	2060796	2068189	0.32	cps
Lead	207-1	1832295	1821106	1828939	1827447	0.31	cps
Lead	208-1	8306499	8256488	8282951	8281979	0.30	cps
Lithium	6-1	1037436	989030	1016743	1014403	2.39	cps
Magnesium	24-2	2115832	2124023	2103703	2114519	0.48	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BSD	Instrumnet Name :	P8
Client Sample ID :	PB110021BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:26:58	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	322846	326264	322894	324001	0.60	cps
Molybdenum	94-1	7430191	7293350	7364536	7362692	0.93	cps
Molybdenum	95-1	9010528	8868507	8996155	8958397	0.87	cps
Molybdenum	96-1	10005019	9919143	9975494	9966552	0.44	cps
Molybdenum	97-1	5680728	5711849	5712043	5701540	0.32	cps
Molybdenum	98-1	14248891	14204073	14400165	14284377	0.72	cps
Neodymium	150-1	127	127	140	131	5.87	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	315724	315449	314125	315099	0.27	cps
Phosphorus	31-2	7069	6619	6585	6757	4.00	cps
Potassium	39-2	638881	642980	641784	641215	0.33	cps
Rhodium	103-1	5779988	5557167	5649353	5662169	1.98	cps
Rhodium	103-2	1759490	1746841	1739084	1748472	0.59	cps
Scandium	45-1	4046840	4006872	3974485	4009399	0.90	cps
Scandium	45-2	45631	45323	44962	45305	0.74	cps
Selenium	77-2	570	497	523	530	7.00	cps
Selenium	78-2	1622	1572	1604	1599	1.58	cps
Selenium	82-1	59812	59241	59058	59370	0.66	cps
Silicon	28-1	2150467	2130316	2162657	2147813	0.76	cps
Silver	109-1	4316825	4287904	4305068	4303266	0.34	cps
Silver	107-1	4448535	4449225	4493199	4463653	0.57	cps
Sodium	23-2	5013801	5004541	5020799	5013047	0.16	cps
Strontium	86-1	1157828	1163399	1173817	1165015	0.70	cps
Strontium	88-1	10011642	10046943	10092533	10050373	0.40	cps
Sulfur	34-1	668647	674696	671916	671753	0.45	cps
Terbium	159-1	6771970	6395548	6634039	6600519	2.89	cps
Terbium	159-2	1656256	1588831	1642460	1629182	2.19	cps
Thallium	203-1	2521020	2525592	2540339	2528984	0.40	cps
Thallium	205-1	6029188	6013554	5911321	5984688	1.07	cps
Tin	118-1	2787467	2850318	2824435	2820740	1.12	cps
Titanium	47-1	2620786	2602104	2599402	2607431	0.45	cps
Uranium	238-1	7284778	7361750	7409472	7352000	0.86	cps
Vanadium	51-2	410538	410799	411587	410975	0.13	cps
Yttrium	89-1	6819760	6383350	6587671	6596927	3.31	cps
Yttrium	89-2	271094	268420	269062	269525	0.52	cps
Zinc	66-2	176851	176703	174104	175886	0.88	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	PB110021BSD	Instrumnet Name :	P8
Client Sample ID :	PB110021BSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:26:58	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6242437	6127673	6185989	6185366	0.93	cps
Zirconium	91-1	1375800	1357227	1372528	1368518	0.72	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DLX500	Instrumnet Name :	P8
Client Sample ID :	1805296535DL	Dilution Factor :	500
Date & Time Acquired ::	2018-06-07 13:30:10	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	75	42	47	53.91	cps
Antimony	121-1	11639	10213	9170	10341	11.99	cps
Arsenic	75-2	22	11	17	17	33.33	cps
Barium	135-1	883	858	850	864	2.01	cps
Barium	137-1	1634	1709	1625	1656	2.77	cps
Beryllium	9-1	194	156	189	180	11.71	cps
Bismuth	209-1	3861080	3927083	3853756	3880640	1.04	cps
Bismuth	209-2	1158736	1142543	1152666	1151315	0.71	cps
Boron	10-1	4793	4059	3734	4195	12.93	cps
Boron	11-1	20332	19113	17520	18988	7.43	cps
Cadmium	111-1	840	986	1052	959	11.32	cps
Cadmium	106-1	1092	1300	1408	1267	12.71	cps
Cadmium	108-1	29	17	25	24	26.95	cps
Calcium	43-1	2259	2459	2409	2375	4.38	cps
Calcium	44-1	60440	61368	59402	60403	1.63	cps
Chromium	52-2	1310	1290	1177	1259	5.71	cps
Cobalt	59-2	460	463	500	474	4.68	cps
Copper	63-2	1020	1100	903	1008	9.81	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	42	17	75	44	65.84	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	6536984	6546660	6490649	6524765	0.46	cps
Holmium	165-2	1660798	1684940	1671510	1672416	0.72	cps
Indium	115-1	6150300	6135571	6142636	6142836	0.12	cps
Indium	115-2	338402	335853	334485	336247	0.59	cps
Iron	56-2	1453148	1438898	1416103	1436050	1.30	cps
Iron	57-2	35384	35217	35017	35206	0.52	cps
Krypton	83-1	413	367	330	370	11.29	cps
Lead	206-1	544	622	589	585	6.67	cps
Lead	207-1	556	461	461	493	11.07	cps
Lead	208-1	2383	2361	2428	2391	1.42	cps
Lithium	6-1	1052099	1059389	1050090	1053859	0.46	cps
Magnesium	24-2	2359	2575	2534	2489	4.62	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DLX500	Instrumnet Name :	P8
Client Sample ID :	1805296535DL	Dilution Factor :	500
Date & Time Acquired ::	2018-06-07 13:30:10	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4234	4184	4117	4178	1.40	cps
Molybdenum	94-1	5226	3851	3601	4226	20.71	cps
Molybdenum	95-1	4709	4034	3726	4156	12.10	cps
Molybdenum	96-1	5343	4726	4259	4776	11.38	cps
Molybdenum	97-1	2775	2584	2409	2589	7.08	cps
Molybdenum	98-1	6552	6694	5793	6346	7.63	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	177	200	183	187	6.44	cps
Phosphorus	31-2	67	92	75	78	16.37	cps
Potassium	39-2	12147	12748	12573	12489	2.47	cps
Rhodium	103-1	5998513	6092659	5946714	6012629	1.23	cps
Rhodium	103-2	1803210	1778763	1745594	1775855	1.63	cps
Scandium	45-1	4104696	4090502	4100933	4098710	0.18	cps
Scandium	45-2	43952	44400	44541	44298	0.69	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	-60	31	32	1	6806.15	cps
Silicon	28-1	500120	444252	423533	455969	8.69	cps
Silver	109-1	575	550	508	544	6.19	cps
Silver	107-1	650	742	617	669	9.67	cps
Sodium	23-2	24271	24655	24605	24511	0.85	cps
Strontium	86-1	1584	1200	1500	1428	14.12	cps
Strontium	88-1	7502	7302	7544	7450	1.74	cps
Sulfur	34-1	377816	375108	377435	376787	0.39	cps
Terbium	159-1	6779132	6771638	6817279	6789350	0.36	cps
Terbium	159-2	1612293	1611275	1625222	1616263	0.48	cps
Thallium	203-1	1292	1133	1192	1206	6.64	cps
Thallium	205-1	3326	2625	2567	2839	14.87	cps
Tin	118-1	2242	2084	2042	2122	4.97	cps
Titanium	47-1	3151	3159	2834	3048	6.08	cps
Uranium	238-1	642	617	558	606	7.06	cps
Vanadium	51-2	57	60	67	61	8.33	cps
Yttrium	89-1	6751801	6730553	6795302	6759219	0.49	cps
Yttrium	89-2	271404	268620	266841	268955	0.86	cps
Zinc	66-2	437	427	500	454	8.75	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DLX500	Instrumnet Name :	P8
Client Sample ID :	1805296535DL	Dilution Factor :	500
Date & Time Acquired ::	2018-06-07 13:30:10	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7244	5952	4759	5985	20.76	cps
Zirconium	91-1	1392	1442	1075	1303	15.26	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DLX3	Instrumnet Name :	P8
Client Sample ID :	1805316553DL	Dilution Factor :	3
Date & Time Acquired ::	2018-06-07 13:35:03	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	392	508	414	20.66	cps
Antimony	121-1	4743	4143	4059	4315	8.64	cps
Arsenic	75-2	37	48	78	54	38.77	cps
Barium	135-1	379627	385251	391548	385475	1.55	cps
Barium	137-1	659936	665983	678515	668145	1.42	cps
Beryllium	9-1	106	122	139	122	13.63	cps
Bismuth	209-1	3841902	3812689	3827856	3827483	0.38	cps
Bismuth	209-2	1158742	1144781	1156764	1153429	0.65	cps
Boron	10-1	15934	15709	15150	15598	2.59	cps
Boron	11-1	73262	72634	73011	72969	0.43	cps
Cadmium	111-1	1623	1668	1536	1609	4.16	cps
Cadmium	106-1	1383	1534	1217	1378	11.50	cps
Cadmium	108-1	100	121	129	117	12.88	cps
Calcium	43-1	475092	477992	475554	476213	0.33	cps
Calcium	44-1	7897418	7898519	7924112	7906683	0.19	cps
Chromium	52-2	1780	1894	1890	1855	3.48	cps
Cobalt	59-2	670	607	593	623	6.57	cps
Copper	63-2	81350	82724	81246	81773	1.01	cps
Dysprosium	156-1	117	208	83	136	47.55	cps
Dysprosium	156-2	23	47	17	29	54.53	cps
Erbium	164-1	167	158	133	153	11.36	cps
Erbium	164-2	43	20	27	30	40.05	cps
Gadolinium	160-1	200	242	142	194	25.84	cps
Gadolinium	160-2	30	43	37	37	18.18	cps
Holmium	165-1	6488573	6571691	6568054	6542772	0.72	cps
Holmium	165-2	1695114	1703498	1696696	1698436	0.26	cps
Indium	115-1	6143684	6239197	6211040	6197974	0.79	cps
Indium	115-2	339945	337678	337935	338519	0.37	cps
Iron	56-2	169400	166914	169973	168762	0.96	cps
Iron	57-2	4167	4362	4206	4245	2.42	cps
Krypton	83-1	387	287	370	348	15.40	cps
Lead	206-1	1000	956	778	911	12.91	cps
Lead	207-1	800	717	817	778	6.89	cps
Lead	208-1	3528	3684	3495	3569	2.83	cps
Lithium	6-1	1066907	1071232	1058311	1065483	0.62	cps
Magnesium	24-2	415000	412768	411961	413243	0.38	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DLX3	Instrumnet Name :	P8
Client Sample ID :	1805316553DL	Dilution Factor :	3
Date & Time Acquired ::	2018-06-07 13:35:03	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23276	22689	22715	22893	1.45	cps
Molybdenum	94-1	39408	40236	39383	39676	1.22	cps
Molybdenum	95-1	44725	45829	43713	44755	2.36	cps
Molybdenum	96-1	53297	52728	52662	52896	0.66	cps
Molybdenum	97-1	28381	28322	28064	28256	0.60	cps
Molybdenum	98-1	73349	71791	71916	72352	1.20	cps
Neodymium	150-1	233	193	147	191	22.70	cps
Neodymium	150-2	33	43	40	39	13.09	cps
Nickel	60-2	5928	5881	5971	5927	0.76	cps
Phosphorus	31-2	16661	16285	15718	16221	2.93	cps
Potassium	39-2	1651291	1652755	1635088	1646378	0.60	cps
Rhodium	103-1	5951160	5994788	5970185	5972044	0.37	cps
Rhodium	103-2	1807562	1807235	1776461	1797086	0.99	cps
Scandium	45-1	3893081	3960255	3983551	3945629	1.19	cps
Scandium	45-2	43183	42474	42936	42864	0.84	cps
Selenium	77-2	4901	5054	5228	5061	3.23	cps
Selenium	78-2	17374	17456	17422	17417	0.24	cps
Selenium	82-1	627529	628925	632151	629535	0.38	cps
Silicon	28-1	6947156	5396996	5057623	5800592	17.37	cps
Silver	109-1	308	275	325	303	8.41	cps
Silver	107-1	383	467	317	389	19.33	cps
Sodium	23-2	2073349	2081505	2087108	2080654	0.33	cps
Strontium	86-1	414036	408899	410769	411235	0.63	cps
Strontium	88-1	3575288	3631343	3657406	3621346	1.16	cps
Sulfur	34-1	738643	736535	740040	738406	0.24	cps
Terbium	159-1	6826813	6916320	6975242	6906125	1.08	cps
Terbium	159-2	1691702	1637509	1669391	1666201	1.63	cps
Thallium	203-1	892	875	900	889	1.43	cps
Thallium	205-1	2017	2084	1984	2028	2.51	cps
Tin	118-1	2634	2050	2852	2512	16.50	cps
Titanium	47-1	12189	12189	12398	12259	0.98	cps
Uranium	238-1	733	658	600	664	10.07	cps
Vanadium	51-2	110	137	100	116	16.40	cps
Yttrium	89-1	6669519	6914593	6833096	6805736	1.83	cps
Yttrium	89-2	275005	273328	273657	273997	0.32	cps
Zinc	66-2	51643	51716	51602	51654	0.11	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DLX3	Instrumnet Name :	P8
Client Sample ID :	1805316553DL	Dilution Factor :	3
Date & Time Acquired ::	2018-06-07 13:35:03	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	36500	34202	34770	35157	3.40	cps
Zirconium	91-1	7636	7928	7594	7719	2.35	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	1805296535DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:38:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	550	608	561	7.62	cps
Antimony	121-1	2367	1934	1959	2086	11.66	cps
Arsenic	75-2	33	37	41	37	10.00	cps
Barium	135-1	69291	68385	68486	68721	0.72	cps
Barium	137-1	117779	118368	119420	118522	0.70	cps
Beryllium	9-1	100	100	83	94	10.18	cps
Bismuth	209-1	3947936	3986208	3972764	3968969	0.49	cps
Bismuth	209-2	1188855	1175522	1174964	1179780	0.67	cps
Boron	10-1	8336	8169	7936	8147	2.47	cps
Boron	11-1	38503	39489	39489	39160	1.45	cps
Cadmium	111-1	1331	1437	1323	1363	4.69	cps
Cadmium	106-1	1375	1475	1458	1436	3.73	cps
Cadmium	108-1	46	29	75	50	46.40	cps
Calcium	43-1	119076	120732	120270	120026	0.71	cps
Calcium	44-1	2058229	2097945	2063275	2073150	1.04	cps
Chromium	52-2	11195	11115	11265	11191	0.67	cps
Cobalt	59-2	35455	34984	36374	35604	1.99	cps
Copper	63-2	47220	47545	47177	47314	0.43	cps
Dysprosium	156-1	67	50	158	92	63.64	cps
Dysprosium	156-2	20	33	7	20	66.65	cps
Erbium	164-1	100	100	125	108	13.33	cps
Erbium	164-2	17	13	30	20	44.10	cps
Gadolinium	160-1	133	183	117	144	24.02	cps
Gadolinium	160-2	30	33	23	29	17.63	cps
Holmium	165-1	6801388	6851786	6734535	6795903	0.87	cps
Holmium	165-2	1741859	1735674	1754192	1743908	0.54	cps
Indium	115-1	6343232	6339631	6401090	6361317	0.54	cps
Indium	115-2	350134	345914	344745	346931	0.82	cps
Iron	56-2	134833981	135890372	135554114	135426156	0.40	cps
Iron	57-2	3434718	3463897	3466271	3454962	0.51	cps
Krypton	83-1	367	347	360	358	2.85	cps
Lead	206-1	2428	2323	2500	2417	3.70	cps
Lead	207-1	2378	2072	1984	2145	9.65	cps
Lead	208-1	10246	9707	10091	10015	2.77	cps
Lithium	6-1	1073374	1090305	1092561	1085413	0.97	cps
Magnesium	24-2	184601	183705	187935	185414	1.20	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	1805296535DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:38:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	405441	405259	408817	406506	0.49	cps
Molybdenum	94-1	18321	17946	17896	18054	1.29	cps
Molybdenum	95-1	25800	24882	25658	25447	1.94	cps
Molybdenum	96-1	29107	28823	29734	29221	1.59	cps
Molybdenum	97-1	15885	16093	15710	15896	1.21	cps
Molybdenum	98-1	40645	40160	40536	40447	0.63	cps
Neodymium	150-1	100	107	100	102	3.76	cps
Neodymium	150-2	20	17	27	21	24.12	cps
Nickel	60-2	8569	8906	8516	8664	2.44	cps
Phosphorus	31-2	6043	5968	6143	6052	1.45	cps
Potassium	39-2	801356	797840	810256	803150	0.80	cps
Rhodium	103-1	6103394	6200597	6205841	6169944	0.94	cps
Rhodium	103-2	1867720	1839111	1848699	1851843	0.79	cps
Scandium	45-1	4202694	4273711	4220522	4232309	0.87	cps
Scandium	45-2	47039	46885	46109	46677	1.07	cps
Selenium	77-2	13	27	17	19	36.75	cps
Selenium	78-2	56	54	52	54	3.45	cps
Selenium	82-1	1725	1728	1673	1709	1.78	cps
Silicon	28-1	6737711	6495032	5088409	6107050	14.58	cps
Silver	109-1	200	217	217	211	4.56	cps
Silver	107-1	292	258	233	261	11.21	cps
Sodium	23-2	1192738	1192832	1195878	1193816	0.15	cps
Strontium	86-1	74763	76120	73013	74632	2.09	cps
Strontium	88-1	648485	649752	652186	650141	0.29	cps
Sulfur	34-1	586134	586177	591071	587794	0.48	cps
Terbium	159-1	7079583	7092875	7052467	7074975	0.29	cps
Terbium	159-2	1745971	1687507	1697395	1710291	1.83	cps
Thallium	203-1	592	525	608	575	7.67	cps
Thallium	205-1	1117	1317	1283	1239	8.65	cps
Tin	118-1	1283	1333	1300	1306	1.95	cps
Titanium	47-1	253754	252477	253377	253203	0.26	cps
Uranium	238-1	533	442	500	492	9.44	cps
Vanadium	51-2	4394	4377	4444	4405	0.79	cps
Yttrium	89-1	7003426	7068960	7103946	7058777	0.72	cps
Yttrium	89-2	280949	278482	278576	279336	0.50	cps
Zinc	66-2	38266	37915	37989	38057	0.49	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	1805296535DL2	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:38:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9128	8878	8903	8970	1.54	cps
Zirconium	91-1	1792	2167	1634	1864	14.70	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-03DLX5	Instrumnet Name :	P8
Client Sample ID :	1805296531DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:41:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692	633	725	683	6.79	cps
Antimony	121-1	2067	2275	2059	2134	5.75	cps
Arsenic	75-2	76	91	81	83	9.05	cps
Barium	135-1	59292	57677	59693	58887	1.81	cps
Barium	137-1	102287	102790	104209	103095	0.97	cps
Beryllium	9-1	72	106	139	106	31.58	cps
Bismuth	209-1	3920819	3898196	3881837	3900284	0.50	cps
Bismuth	209-2	1159971	1152343	1154516	1155610	0.34	cps
Boron	10-1	26951	28254	27010	27405	2.68	cps
Boron	11-1	128967	133357	128530	130285	2.05	cps
Cadmium	111-1	1338	1287	1466	1364	6.77	cps
Cadmium	106-1	1375	1333	1609	1439	10.30	cps
Cadmium	108-1	71	54	38	54	30.77	cps
Calcium	43-1	149135	152782	152436	151451	1.33	cps
Calcium	44-1	2603042	2605123	2610966	2606377	0.16	cps
Chromium	52-2	5434	5641	5695	5590	2.46	cps
Cobalt	59-2	563	583	607	584	3.71	cps
Copper	63-2	43562	44103	43709	43791	0.64	cps
Dysprosium	156-1	1500	1525	1559	1528	1.92	cps
Dysprosium	156-2	420	393	507	440	13.47	cps
Erbium	164-1	2159	2225	1909	2097	7.96	cps
Erbium	164-2	527	457	473	486	7.53	cps
Gadolinium	160-1	1600	1850	1759	1736	7.29	cps
Gadolinium	160-2	563	527	637	576	9.73	cps
Holmium	165-1	6652248	6718832	6622818	6664633	0.74	cps
Holmium	165-2	1761598	1752216	1731258	1748357	0.89	cps
Indium	115-1	6189113	6204259	6347957	6247110	1.40	cps
Indium	115-2	341550	345738	341838	343042	0.68	cps
Iron	56-2	146359	143997	145092	145149	0.81	cps
Iron	57-2	3701	3645	3823	3723	2.44	cps
Krypton	83-1	413	303	333	350	16.25	cps
Lead	206-1	1383	1500	1395	1426	4.52	cps
Lead	207-1	1189	1161	1295	1215	5.79	cps
Lead	208-1	5562	5267	5390	5406	2.74	cps
Lithium	6-1	1092545	1097923	1108142	1099537	0.72	cps
Magnesium	24-2	7872595	7935679	7968491	7925589	0.61	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-03DLX5	Instrumnet Name :	P8
Client Sample ID :	1805296531DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:41:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22355	21196	21534	21695	2.75	cps
Molybdenum	94-1	28690	28088	28765	28514	1.30	cps
Molybdenum	95-1	31721	30460	33643	31941	5.02	cps
Molybdenum	96-1	35823	36860	35255	35979	2.26	cps
Molybdenum	97-1	20399	19924	19999	20107	1.27	cps
Molybdenum	98-1	50170	51717	50169	50685	1.76	cps
Neodymium	150-1	1734	1600	1553	1629	5.74	cps
Neodymium	150-2	333	233	267	278	18.33	cps
Nickel	60-2	5588	5588	5561	5579	0.28	cps
Phosphorus	31-2	7936	8386	8103	8142	2.80	cps
Potassium	39-2	860953	866011	870700	865888	0.56	cps
Rhodium	103-1	6023772	5993582	6118747	6045367	1.08	cps
Rhodium	103-2	1826126	1812209	1810933	1816423	0.46	cps
Scandium	45-1	3923426	4022328	4025735	3990496	1.46	cps
Scandium	45-2	43685	43387	43277	43449	0.49	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	6	7	6	6	17.29	cps
Selenium	82-1	57	132	95	95	39.77	cps
Silicon	28-1	6647186	6557785	7702580	6969183	9.14	cps
Silver	109-1	133	225	117	158	36.84	cps
Silver	107-1	125	267	208	200	35.60	cps
Sodium	23-2	818359	811446	816859	815555	0.45	cps
Strontium	86-1	69209	69369	70633	69737	1.12	cps
Strontium	88-1	594442	601577	597261	597760	0.60	cps
Sulfur	34-1	639546	660604	669152	656434	2.32	cps
Terbium	159-1	7014631	7094416	6971196	7026747	0.89	cps
Terbium	159-2	1713942	1698020	1697361	1703108	0.55	cps
Thallium	203-1	508	358	350	406	21.97	cps
Thallium	205-1	1167	958	917	1014	13.21	cps
Tin	118-1	1667	1467	1567	1567	6.38	cps
Titanium	47-1	9454	9795	10379	9876	4.74	cps
Uranium	238-1	2084	1875	2142	2034	6.90	cps
Vanadium	51-2	3407	3634	3571	3537	3.31	cps
Yttrium	89-1	7026687	7068235	7099608	7064843	0.52	cps
Yttrium	89-2	286383	283043	286261	285229	0.66	cps
Zinc	66-2	22308	22432	22699	22480	0.89	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-03DLX5	Instrumnet Name :	P8
Client Sample ID :	1805296531DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:41:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	28072	28665	28357	28365	1.04	cps
Zirconium	91-1	6302	6202	6644	6382	3.63	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-04DLX5	Instrumnet Name :	P8
Client Sample ID :	1805316547DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:44:59	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	558	583	367	503	23.58	cps
Antimony	121-1	925	1033	883	947	8.17	cps
Arsenic	75-2	39	39	30	36	14.93	cps
Barium	135-1	52438	52397	52990	52609	0.63	cps
Barium	137-1	90904	93060	92070	92011	1.17	cps
Beryllium	9-1	83	67	111	87	25.79	cps
Bismuth	209-1	3779959	3877777	3914941	3857559	1.81	cps
Bismuth	209-2	1170195	1164227	1111613	1148678	2.81	cps
Boron	10-1	5360	6102	5835	5765	6.52	cps
Boron	11-1	27110	26776	27394	27093	1.14	cps
Cadmium	111-1	996	939	1063	1000	6.20	cps
Cadmium	106-1	1292	1233	1408	1311	6.79	cps
Cadmium	108-1	29	17	21	22	28.64	cps
Calcium	43-1	56908	56456	55469	56278	1.31	cps
Calcium	44-1	965842	968342	973867	969350	0.42	cps
Chromium	52-2	6928	7242	7075	7082	2.22	cps
Cobalt	59-2	38771	38326	38597	38565	0.58	cps
Copper	63-2	27768	27317	27180	27422	1.12	cps
Dysprosium	156-1	108	117	75	100	22.05	cps
Dysprosium	156-2	50	27	30	36	35.49	cps
Erbium	164-1	158	92	125	125	26.67	cps
Erbium	164-2	20	33	47	33	40.01	cps
Gadolinium	160-1	167	233	158	186	22.09	cps
Gadolinium	160-2	23	67	33	41	55.20	cps
Holmium	165-1	6532685	6636097	6726072	6631618	1.46	cps
Holmium	165-2	1726446	1742294	1622952	1697231	3.82	cps
Indium	115-1	6264160	6356873	6248861	6289965	0.93	cps
Indium	115-2	340386	339057	322180	333874	3.04	cps
Iron	56-2	118912236	117979700	117694014	118195317	0.54	cps
Iron	57-2	3048840	2999545	3027558	3025314	0.82	cps
Krypton	83-1	397	333	310	347	12.94	cps
Lead	206-1	1078	1000	1150	1076	6.97	cps
Lead	207-1	1022	1000	900	974	6.68	cps
Lead	208-1	4245	4278	4200	4241	0.92	cps
Lithium	6-1	1069663	1065803	1061629	1065699	0.38	cps
Magnesium	24-2	104557	104305	104449	104437	0.12	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-04DLX5	Instrumnet Name :	P8
Client Sample ID :	1805316547DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:44:59	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	131205	130943	131559	131236	0.24	cps
Molybdenum	94-1	7819	7928	7853	7867	0.71	cps
Molybdenum	95-1	9737	9887	9846	9823	0.79	cps
Molybdenum	96-1	12214	12948	13007	12723	3.47	cps
Molybdenum	97-1	6352	6427	6360	6380	0.64	cps
Molybdenum	98-1	15835	15401	15827	15687	1.58	cps
Neodymium	150-1	167	173	167	169	2.28	cps
Neodymium	150-2	33	27	40	33	20.00	cps
Nickel	60-2	10271	10598	10638	10502	1.92	cps
Phosphorus	31-2	4818	5118	4826	4921	3.47	cps
Potassium	39-2	522852	514671	515117	517547	0.89	cps
Rhodium	103-1	6044057	6133864	6137708	6105210	0.87	cps
Rhodium	103-2	1825726	1832009	1749568	1802434	2.55	cps
Scandium	45-1	4251033	4269113	4224234	4248127	0.53	cps
Scandium	45-2	46283	45828	43605	45239	3.17	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	6	7	7	7	15.72	cps
Selenium	82-1	37	115	141	97	55.60	cps
Silicon	28-1	3964061	3578140	3567017	3703073	6.11	cps
Silver	109-1	133	142	200	158	22.94	cps
Silver	107-1	142	167	142	150	9.63	cps
Sodium	23-2	560804	556577	558243	558541	0.38	cps
Strontium	86-1	33734	32824	32991	33183	1.46	cps
Strontium	88-1	278963	280598	281716	280425	0.49	cps
Sulfur	34-1	1036458	1023020	1017400	1025626	0.95	cps
Terbium	159-1	6906088	6958713	6915899	6926900	0.40	cps
Terbium	159-2	1662112	1660109	1593868	1638696	2.37	cps
Thallium	203-1	458	383	467	436	10.52	cps
Thallium	205-1	1050	1133	1000	1061	6.35	cps
Tin	118-1	967	1008	1017	997	2.69	cps
Titanium	47-1	304454	302393	302000	302949	0.44	cps
Uranium	238-1	400	575	708	561	27.56	cps
Vanadium	51-2	3414	3501	3380	3432	1.81	cps
Yttrium	89-1	6922967	6935326	6931784	6930026	0.09	cps
Yttrium	89-2	272652	272132	260345	268376	2.59	cps
Zinc	66-2	31022	30701	30714	30812	0.59	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-04DLX5	Instrumnet Name :	P8
Client Sample ID :	1805316547DL	Dilution Factor :	5
Date & Time Acquired ::	2018-06-07 13:44:59	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6327	6285	6494	6368	1.73	cps
Zirconium	91-1	1292	1500	1417	1403	7.48	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DL2X10	Instrumnet Name :	P8
Client Sample ID :	1805316553DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-06-07 13:48:17	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	125	125	172	47.49	cps
Antimony	121-1	633	775	642	683	11.63	cps
Arsenic	75-2	24	22	20	22	8.33	cps
Barium	135-1	126761	125085	127585	126477	1.01	cps
Barium	137-1	219256	218829	219808	219298	0.22	cps
Beryllium	9-1	100	83	139	107	26.54	cps
Bismuth	209-1	4074341	4040695	4076063	4063700	0.49	cps
Bismuth	209-2	1200254	1217533	1203660	1207149	0.76	cps
Boron	10-1	5168	5476	5568	5404	3.88	cps
Boron	11-1	26200	26334	25824	26119	1.01	cps
Cadmium	111-1	1202	1183	1050	1145	7.26	cps
Cadmium	106-1	1433	1358	1250	1347	6.84	cps
Cadmium	108-1	38	38	54	43	22.35	cps
Calcium	43-1	155672	154356	155048	155025	0.42	cps
Calcium	44-1	2660210	2658112	2668550	2662291	0.21	cps
Chromium	52-2	1260	1207	1257	1241	2.41	cps
Cobalt	59-2	253	310	293	286	10.20	cps
Copper	63-2	26572	26506	26612	26563	0.20	cps
Dysprosium	156-1	50	75	67	64	19.93	cps
Dysprosium	156-2	17	7	0	8	107.84	cps
Erbium	164-1	33	83	58	58	42.85	cps
Erbium	164-2	27	3	20	17	72.13	cps
Gadolinium	160-1	92	92	108	97	9.90	cps
Gadolinium	160-2	37	23	10	23	57.15	cps
Holmium	165-1	6835735	6775707	6896426	6835956	0.88	cps
Holmium	165-2	1782054	1746937	1756901	1761964	1.03	cps
Indium	115-1	6472788	6447661	6401772	6440740	0.56	cps
Indium	115-2	347276	346633	348202	347370	0.23	cps
Iron	56-2	62987	61201	61262	61817	1.64	cps
Iron	57-2	1667	1628	1678	1658	1.58	cps
Krypton	83-1	380	377	317	358	9.96	cps
Lead	206-1	439	561	533	511	12.54	cps
Lead	207-1	456	400	417	424	6.72	cps
Lead	208-1	1861	2017	1728	1869	7.74	cps
Lithium	6-1	1092045	1085415	1117488	1098316	1.54	cps
Magnesium	24-2	134279	134329	132807	133805	0.65	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DL2X10	Instrumnet Name :	P8
Client Sample ID :	1805316553DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-06-07 13:48:17	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7492	7569	7839	7633	2.39	cps
Molybdenum	94-1	12556	11655	12373	12195	3.90	cps
Molybdenum	95-1	14717	14767	14508	14664	0.94	cps
Molybdenum	96-1	17337	16861	17287	17162	1.52	cps
Molybdenum	97-1	9212	8978	8862	9017	1.98	cps
Molybdenum	98-1	22995	22544	23596	23045	2.29	cps
Neodymium	150-1	47	47	47	47	0.00	cps
Neodymium	150-2	17	13	17	16	12.40	cps
Nickel	60-2	1977	2070	1947	1998	3.22	cps
Phosphorus	31-2	5660	5160	5318	5379	4.75	cps
Potassium	39-2	527531	512670	522039	520747	1.44	cps
Rhodium	103-1	6148313	6181604	6215100	6181672	0.54	cps
Rhodium	103-2	1866377	1866021	1841655	1858018	0.76	cps
Scandium	45-1	3907736	3857894	3861171	3875600	0.72	cps
Scandium	45-2	42096	41592	41789	41826	0.61	cps
Selenium	77-2	1663	1553	1783	1667	6.90	cps
Selenium	78-2	5359	5547	5366	5424	1.97	cps
Selenium	82-1	201105	199791	200105	200334	0.34	cps
Silicon	28-1	1965998	2617571	1817565	2133711	19.94	cps
Silver	109-1	108	117	142	122	14.19	cps
Silver	107-1	142	133	133	136	3.53	cps
Sodium	23-2	652835	653145	651381	652454	0.14	cps
Strontium	86-1	132984	134903	135905	134598	1.10	cps
Strontium	88-1	1150394	1151793	1153400	1151862	0.13	cps
Sulfur	34-1	512944	509983	510261	511063	0.32	cps
Terbium	159-1	7218035	7108905	7195298	7174079	0.80	cps
Terbium	159-2	1731593	1746797	1721152	1733181	0.74	cps
Thallium	203-1	300	358	475	378	23.59	cps
Thallium	205-1	717	942	908	856	14.19	cps
Tin	118-1	833	808	742	795	5.97	cps
Titanium	47-1	4334	4042	3984	4120	4.55	cps
Uranium	238-1	183	192	225	200	11.03	cps
Vanadium	51-2	43	63	67	58	21.85	cps
Yttrium	89-1	7073298	6906903	7110951	7030384	1.54	cps
Yttrium	89-2	277836	278048	276745	277543	0.25	cps
Zinc	66-2	16854	17034	16857	16915	0.61	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	J3339-01DL2X10	Instrumnet Name :	P8
Client Sample ID :	1805316553DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-06-07 13:48:17	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9554	9629	10046	9743	2.72	cps
Zirconium	91-1	2367	2034	2225	2209	7.58	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:54:45	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	452014	445223	452647	449961	0.91	cps
Antimony	121-1	4244996	4236299	4285627	4255640	0.62	cps
Arsenic	75-2	63979	63679	63841	63833	0.24	cps
Barium	135-1	4302986	4246937	4291652	4280525	0.69	cps
Barium	137-1	7288603	7264094	7317023	7289906	0.36	cps
Beryllium	9-1	641093	642229	641418	641580	0.09	cps
Bismuth	209-1	3946744	3891811	3897907	3912154	0.77	cps
Bismuth	209-2	1147338	1144019	1147199	1146185	0.16	cps
Boron	10-1	73271	77803	77636	76237	3.37	cps
Boron	11-1	338183	352213	359256	349884	3.07	cps
Cadmium	111-1	903599	902514	902682	902931	0.06	cps
Cadmium	106-1	96275	96225	97216	96572	0.58	cps
Cadmium	108-1	64612	64115	64717	64481	0.50	cps
Calcium	43-1	5224646	5266556	5261553	5250919	0.44	cps
Calcium	44-1	86872437	86513754	86370783	86585658	0.30	cps
Chromium	52-2	572716	574332	576361	574469	0.32	cps
Cobalt	59-2	1080071	1075591	1082773	1079478	0.34	cps
Copper	63-2	1806322	1796107	1795263	1799231	0.34	cps
Dysprosium	156-1	125	117	83	108	20.35	cps
Dysprosium	156-2	20	33	7	20	66.65	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	75	58	108	81	31.60	cps
Gadolinium	160-2	27	17	30	24	28.38	cps
Holmium	165-1	6855580	6894518	6923107	6891068	0.49	cps
Holmium	165-2	1743615	1737513	1757596	1746241	0.59	cps
Indium	115-1	6153898	6132257	6159366	6148507	0.23	cps
Indium	115-2	327810	327530	328441	327927	0.14	cps
Iron	56-2	90347044	90141696	90549427	90346056	0.23	cps
Iron	57-2	2314939	2286528	2305665	2302377	0.63	cps
Krypton	83-1	440	380	347	389	12.16	cps
Lead	206-1	2186564	2213738	2152069	2184123	1.42	cps
Lead	207-1	1975895	1959515	1934344	1956585	1.07	cps
Lead	208-1	8905300	8851778	8711819	8822966	1.13	cps
Lithium	6-1	1049566	1046837	1047204	1047869	0.14	cps
Magnesium	24-2	10474754	10371198	10407353	10417768	0.50	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:54:45	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	324906	323952	324615	324491	0.15	cps
Molybdenum	94-1	7747438	7664397	7677775	7696537	0.58	cps
Molybdenum	95-1	9323297	9283184	9286592	9297691	0.24	cps
Molybdenum	96-1	10563978	10403888	10375380	10447749	0.97	cps
Molybdenum	97-1	5962133	5924543	5958344	5948340	0.35	cps
Molybdenum	98-1	14946820	14835947	14862176	14881648	0.39	cps
Neodymium	150-1	180	160	213	184	14.61	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	316564	315897	315399	315953	0.19	cps
Phosphorus	31-2	6835	6393	6669	6632	3.36	cps
Potassium	39-2	3160603	3158568	3166245	3161805	0.13	cps
Rhodium	103-1	5793307	5760511	5834350	5796056	0.64	cps
Rhodium	103-2	1729426	1724062	1730262	1727917	0.19	cps
Scandium	45-1	4255179	4232544	4228346	4238690	0.34	cps
Scandium	45-2	45513	44955	45975	45481	1.12	cps
Selenium	77-2	457	437	443	446	2.29	cps
Selenium	78-2	1561	1695	1595	1617	4.29	cps
Selenium	82-1	60109	60587	60552	60416	0.44	cps
Silicon	28-1	2195485	2192632	2214287	2200802	0.53	cps
Silver	109-1	4336670	4336208	4291238	4321372	0.60	cps
Silver	107-1	4516287	4551091	4516587	4527988	0.44	cps
Sodium	23-2	24396653	24164825	24495408	24352295	0.70	cps
Strontium	86-1	1223120	1236708	1229471	1229766	0.55	cps
Strontium	88-1	10643755	10726119	10699083	10689652	0.39	cps
Sulfur	34-1	708292	711502	711188	710327	0.25	cps
Terbium	159-1	7209111	7145389	7257789	7204096	0.78	cps
Terbium	159-2	1696561	1693818	1697369	1695916	0.11	cps
Thallium	203-1	2693427	2749723	2683774	2708975	1.31	cps
Thallium	205-1	6371949	6384704	6372223	6376292	0.11	cps
Tin	118-1	2942256	2904206	2939556	2928672	0.72	cps
Titanium	47-1	2681867	2676197	2669498	2675854	0.23	cps
Uranium	238-1	8102269	8057816	7970273	8043453	0.83	cps
Vanadium	51-2	416718	413922	418467	416369	0.55	cps
Yttrium	89-1	6937017	6963780	6921527	6940775	0.31	cps
Yttrium	89-2	270185	271254	272501	271313	0.43	cps
Zinc	66-2	171053	169771	171124	170649	0.45	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:54:45	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6436401	6511286	6427133	6458273	0.71	cps
Zirconium	91-1	1413794	1436632	1442348	1430925	1.06	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P8
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:59:01 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	17	28	45.82	cps
Antimony	121-1	5893	5218	4884	5332	9.64	cps
Arsenic	75-2	9	11	4	8	48.07	cps
Barium	135-1	67	75	75	72	6.66	cps
Barium	137-1	133	133	133	133	0.00	cps
Beryllium	9-1	111	111	94	106	9.11	cps
Bismuth	209-1	4002326	4007217	4066787	4025444	0.89	cps
Bismuth	209-2	1197300	1185117	1196378	1192932	0.57	cps
Boron	10-1	2200	1775	2034	2003	10.69	cps
Boron	11-1	9112	8945	8403	8820	4.20	cps
Cadmium	111-1	1055	854	983	964	10.58	cps
Cadmium	106-1	1509	1208	1375	1364	11.02	cps
Cadmium	108-1	25	13	25	21	34.64	cps
Calcium	43-1	608	758	700	689	10.98	cps
Calcium	44-1	35847	34919	33800	34855	2.94	cps
Chromium	52-2	1033	1100	1010	1048	4.46	cps
Cobalt	59-2	53	60	70	61	13.73	cps
Copper	63-2	383	323	367	358	8.66	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	75	58	25	53	48.24	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	6661767	6738599	6685148	6695171	0.59	cps
Holmium	165-2	1739029	1695715	1692506	1709083	1.52	cps
Indium	115-1	6304841	6322393	6345197	6324144	0.32	cps
Indium	115-2	341253	335489	340823	339188	0.95	cps
Iron	56-2	5062	4479	4790	4777	6.11	cps
Iron	57-2	83	133	111	109	22.93	cps
Krypton	83-1	433	333	273	347	23.32	cps
Lead	206-1	450	394	389	411	8.22	cps
Lead	207-1	367	383	389	380	3.05	cps
Lead	208-1	1656	1750	1639	1682	3.56	cps
Lithium	6-1	1066451	1051425	1072759	1063545	1.03	cps
Magnesium	24-2	425	417	467	436	6.14	cps

LB Number : LB95875 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P8
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-07 13:59:01 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	43	57	52	14.75	cps
Molybdenum	94-1	1667	1583	1775	1675	5.74	cps
Molybdenum	95-1	1942	1684	1800	1809	7.15	cps
Molybdenum	96-1	2084	2009	1867	1986	5.54	cps
Molybdenum	97-1	1158	1150	858	1056	16.19	cps
Molybdenum	98-1	2800	2575	2392	2589	7.90	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	57	60	53	16.54	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	5001	4784	4743	4843	2.87	cps
Rhodium	103-1	6056590	6098419	6073967	6076325	0.35	cps
Rhodium	103-2	1821252	1782788	1828917	1810986	1.36	cps
Scandium	45-1	4152705	4213325	4121542	4162524	1.12	cps
Scandium	45-2	44728	43889	43801	44139	1.16	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-72	30	49	2	2810.33	cps
Silicon	28-1	358620	356570	358841	358010	0.35	cps
Silver	109-1	283	267	383	311	20.28	cps
Silver	107-1	425	408	367	400	7.51	cps
Sodium	23-2	14016	13707	14533	14085	2.96	cps
Strontium	86-1	575	525	575	558	5.17	cps
Strontium	88-1	300	308	300	303	1.59	cps
Sulfur	34-1	395237	395357	393701	394765	0.23	cps
Terbium	159-1	6953824	7026226	7011970	6997340	0.55	cps
Terbium	159-2	1664309	1651273	1665298	1660293	0.47	cps
Thallium	203-1	808	675	550	678	19.06	cps
Thallium	205-1	1884	1600	1634	1706	9.08	cps
Tin	118-1	2334	2167	2025	2175	7.10	cps
Titanium	47-1	300	283	242	275	10.93	cps
Uranium	238-1	225	208	292	242	18.25	cps
Vanadium	51-2	23	17	20	20	16.65	cps
Yttrium	89-1	6918286	6946891	6933817	6932998	0.21	cps
Yttrium	89-2	269415	267141	269852	268803	0.54	cps
Zinc	66-2	63	60	70	64	7.90	cps

LB Number :	LB95875	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-06-07 13:59:01	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1884	2000	1792	1892	5.52	cps
Zirconium	91-1	392	442	417	417	6.00	cps