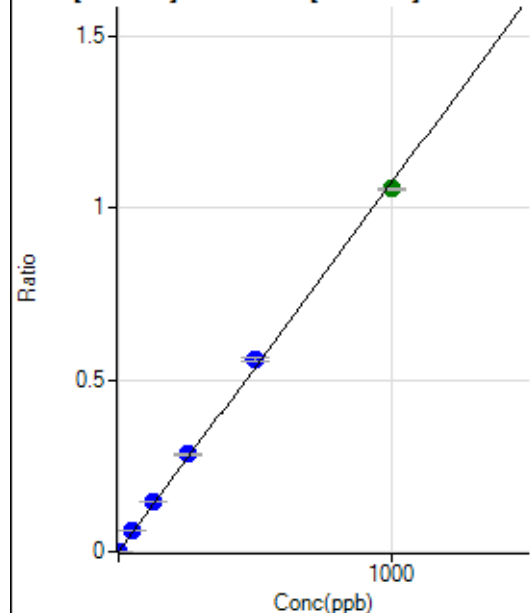


Batch Folder: D:\P8092517-MS .b\
Analysis File: P8092517-MS .batch.bin
DA Date-Time: 2017-09-25 14:37:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-09-25 11:46:18
2			
3	005CALS.d	S02	2017-09-25 11:53:25
4	006CALS.d	S03	2017-09-25 11:56:53
5	007CALS.d	S04	2017-09-25 12:00:21
6	008CALS.d	S05	2017-09-25 12:03:46
7	009CALS.d	S06	2017-09-25 12:07:04
8	010CALS.d	S07	2017-09-25 12:10:17
9	011CALS.d	S08	2017-09-25 12:13:25

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	181.49	0.0002	P	8.6
2	☐	0.100					
3	☐	1.000	0.941	1248.24	0.0012	P	5.5
4	☐	50.000	55.532	63109.02	0.0597	P	1.8
5	☐	125.000	135.013	159177.94	0.1450	P	1.8
6	☐	250.000	265.381	321490.22	0.2848	P	1.8
7	☐	500.000	522.144	647677.33	0.5602	P	2.0
8	☐	1000.000	983.555	1244966.33	1.0551	A	0.2
9	☐			638.92	0.0006	P	7.1

$$y = 0.0011 * x + 1.6947E-004$$

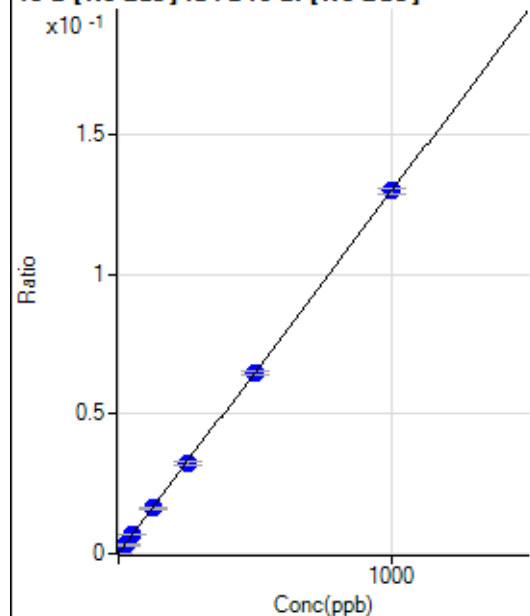
$$R = 0.9995$$

$$DL = 0.0409$$

$$BEC = 0.158$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.90	0.0002	P	4.7
2	☐	2.500					
3	☐	25.000	22.639	3361.66	0.0032	P	5.5
4	☐	50.000	52.373	7435.56	0.0070	P	0.4
5	☐	125.000	123.918	17914.60	0.0163	P	4.9
6	☐	250.000	248.070	36614.48	0.0324	P	2.4
7	☐	500.000	499.394	75194.28	0.0650	P	2.0
8	☐	1000.000	1000.861	153509.76	0.1301	P	1.3
9	☐			6271.08	0.0055	P	6.0

$$y = 1.2972E-004 * x + 2.4653E-004$$

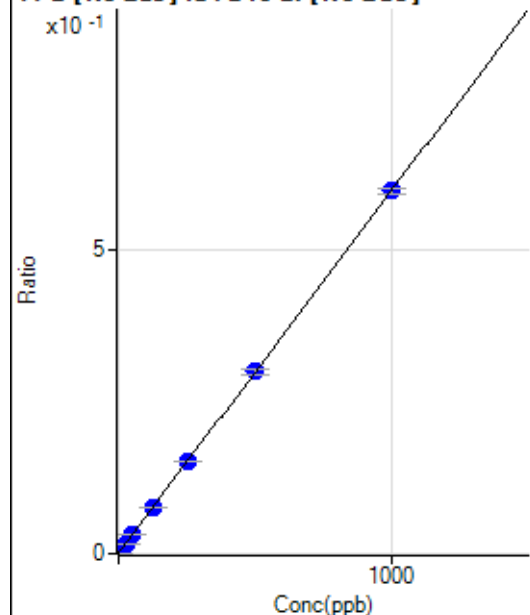
$$R = 1.0000$$

$$DL = 0.2695$$

$$BEC = 1.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1219.55	0.0011	P	6.1
2	☐	2.500					
3	☐	25.000	22.655	15458.88	0.0146	P	3.8
4	☐	50.000	51.301	33456.78	0.0317	P	4.5
5	☐	125.000	125.692	83498.49	0.0760	P	2.0
6	☐	250.000	251.219	170294.23	0.1508	P	0.7
7	☐	500.000	499.997	345768.43	0.2991	P	3.3
8	☐	1000.000	999.604	704255.61	0.5968	P	1.3
9	☐			28752.07	0.0252	P	3.6

$$y = 5.9588\text{E-}004 * x + 0.0011$$

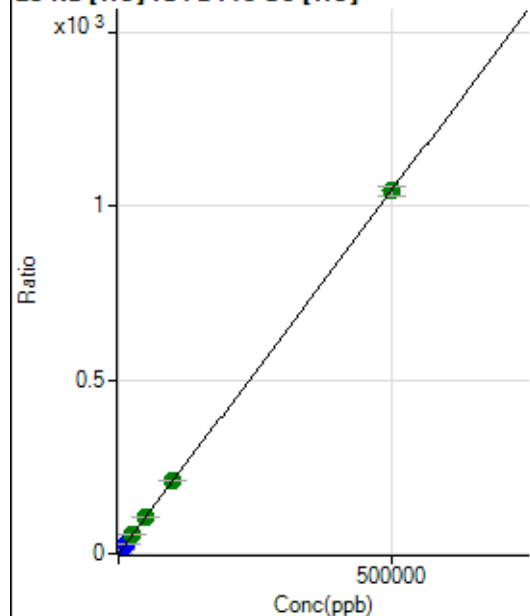
$$R = 1.0000$$

$$DL = 0.3521$$

$$BEC = 1.911$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12411.50	0.3264	P	1.9
2	☐	50.000					
3	☐	500.000	451.846	44598.69	1.2699	P	2.5
4	☐	5000.000	5025.902	396118.04	10.8213	P	1.0
5	☐	12500.000	12634.041	1019434.48	26.7083	P	0.7
6	☐	25000.000	25998.866	2066405.28	54.6162	A	1.9
7	☐	50000.000	50988.843	3925065.84	106.7993	A	0.7
8	☐	100000.00	100323.31	7180661.79	209.8176	A	0.6
9	☐	500000.00	499782.94	35381099.40	1,043.953	A	2.3

$$y = 0.0021 * x + 0.3264$$

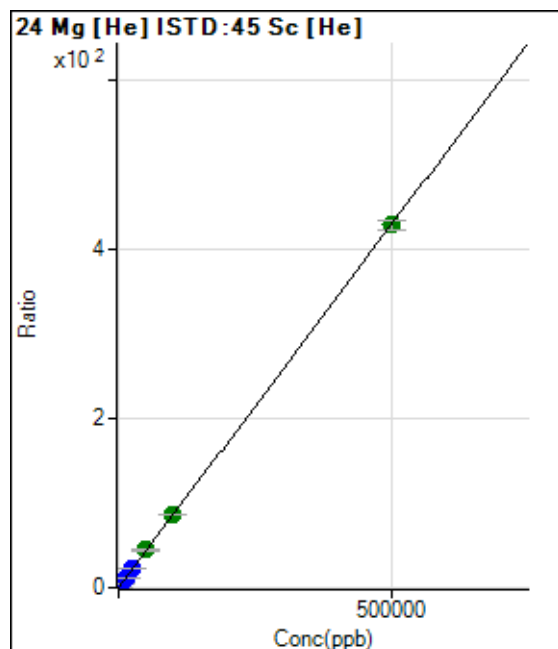
$$R = 1.0000$$

$$DL = 8.922$$

$$BEC = 156.3$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0088	P	27.1
2	☐	50.000					
3	☐	500.000	434.267	13390.18	0.3813	P	3.9
4	☐	5000.000	5039.401	158537.03	4.3315	P	0.3
5	☐	12500.000	12611.852	413254.05	10.8269	P	0.5
6	☐	25000.000	25369.312	823662.07	21.7699	P	1.3
7	☐	50000.000	51771.748	1632257.13	44.4172	A	1.9
8	☐	100000.00	101158.90	2969836.13	86.7801	A	1.4
9	☐	500000.00	499569.45	14523080.36	428.5256	A	2.5

$$y = 8.5777\text{E-}004 * x + 0.0088$$

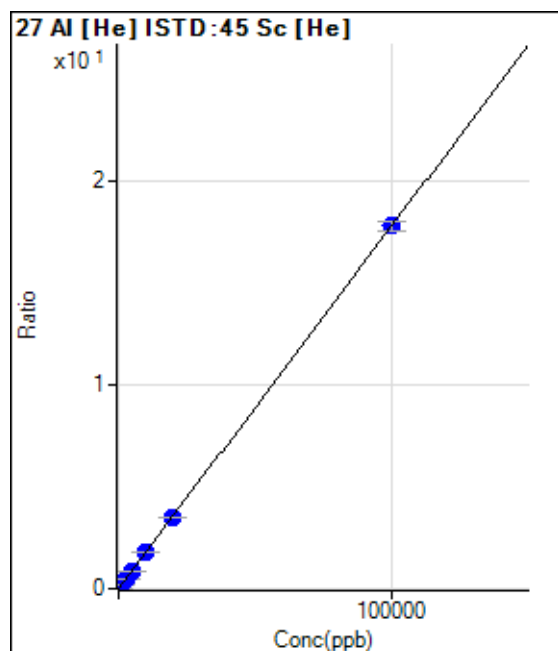
$$R = 1.0000$$

$$DL = 8.364$$

$$BEC = 10.3$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0004	P	69.2
2	☐	2.000					
3	☐	20.000	17.959	125.01	0.0036	P	16.6
4	☐	1000.000	969.373	6318.36	0.1725	P	4.7
5	☐	2500.000	2510.323	17030.28	0.4462	P	1.0
6	☐	5000.000	4935.829	33178.60	0.8769	P	1.6
7	☐	10000.000	9906.363	64675.89	1.7597	P	1.6
8	☐	20000.000	19625.393	119292.81	3.4857	P	0.7
9	☐	100000.00	100087.54	602431.79	17.7754	P	2.5

$$y = 1.7759\text{E-}004 * x + 3.6511\text{E-}004$$

$$R = 1.0000$$

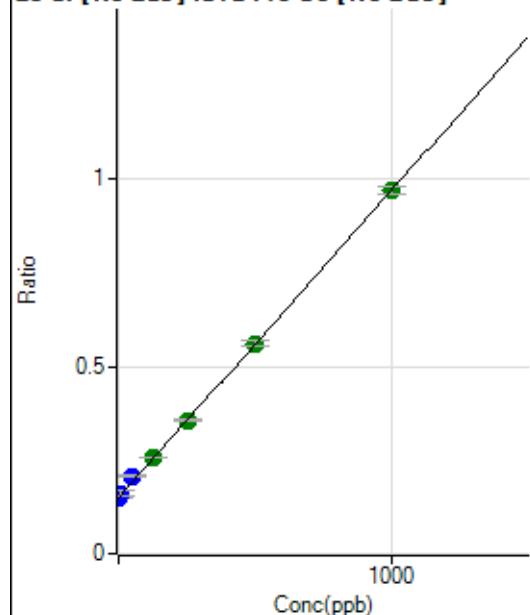
$$DL = 4.271$$

$$BEC = 2.056$$

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	569833.05	0.1498	P	1.0
2	☐	1.000					
3	☐	10.000	14.402	596592.14	0.1616	P	6.8
4	☐	50.000	69.690	776416.45	0.2070	P	1.9
5	☐	125.000	128.712	992307.44	0.2554	A	1.0
6	☐	250.000	249.654	1398004.69	0.3546	A	1.4
7	☐	500.000	501.640	2213210.05	0.5613	A	3.3
8	☐	1000.000	997.774	3791767.92	0.9683	A	2.1
9	☐			537947.31	0.1407	P	2.0

$$y = 8.2039\text{E-}004 * x + 0.1498$$

$$R = 0.9998$$

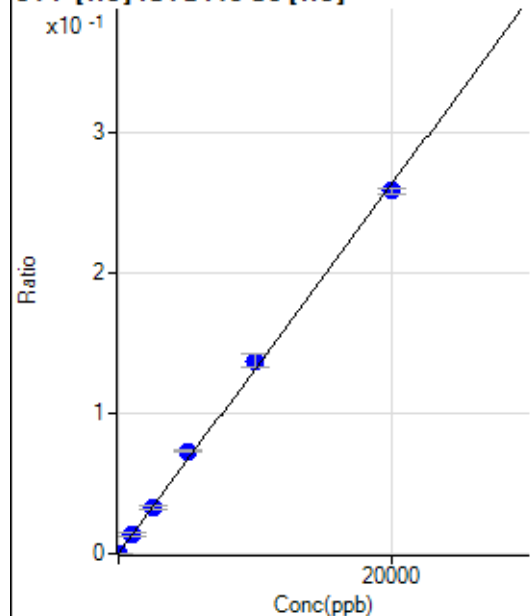
$$DL = 5.567$$

$$BEC = 182.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.494	5.55	0.0001	P	86.6
2	☐	0.000					
3	☐	0.000	0.494	5.55	0.0002	P	86.6
4	☐	1000.000	1028.698	500.03	0.0137	P	11.0
5	☐	2500.000	2499.608	1258.44	0.0330	P	7.5
6	☐	5000.000	5543.243	2758.74	0.0729	P	2.5
7	☐	10000.000	10425.708	5034.47	0.1370	P	7.2
8	☐	20000.000	19649.949	8833.70	0.2581	P	1.4
9	☐			16.67	0.0005	P	132.

$$y = 1.3127\text{E-}005 * x + 1.5258\text{E-}004$$

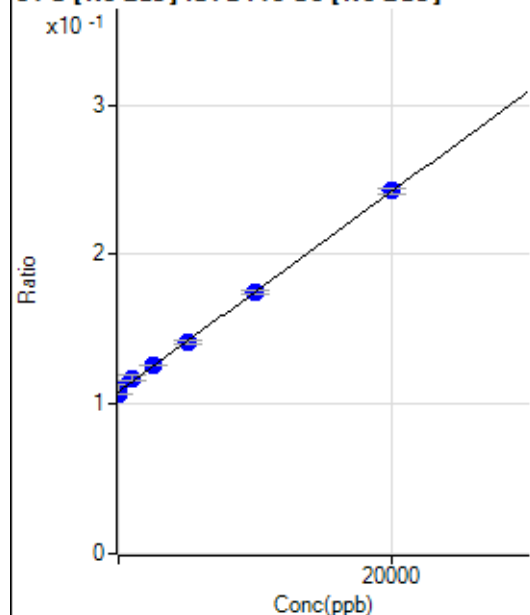
$$R = 0.9992$$

$$DL = 30.2$$

$$BEC = 11.62$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-266.823	405656.50	0.1066	P	0.8
2	☐	0.000					
3	☐	0.000	266.823	407045.32	0.1102	P	5.5
4	☐	1000.000	1367.636	440936.27	0.1176	P	3.1
5	☐	2500.000	2610.528	489157.28	0.1259	P	0.1
6	☐	5000.000	4859.227	555597.75	0.1409	P	1.7
7	☐	10000.000	9906.419	688962.34	0.1747	P	2.0
8	☐	20000.000	20049.786	949833.52	0.2426	P	1.9
9	☐			396186.97	0.1036	P	1.1

$$y = 6.6917\text{E-}006 * x + 0.1084$$

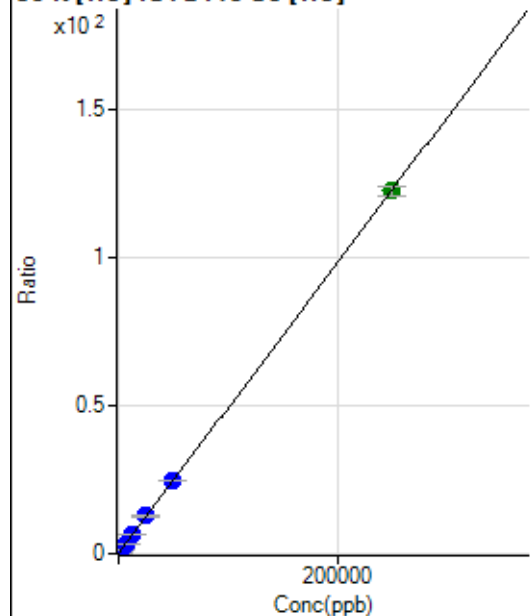
$$R = 0.9995$$

$$DL = 1540$$

$$BEC = 1.62\text{E+}04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3831.25	0.1008	P	4.8
2	☐	50.000					
3	☐	500.000	483.036	11849.95	0.3374	P	1.4
4	☐	2500.000	2657.046	51327.89	1.4023	P	0.4
5	☐	6250.000	6560.691	126511.92	3.3145	P	0.6
6	☐	12500.000	13015.412	245032.04	6.4763	P	1.6
7	☐	25000.000	25654.518	465560.42	12.6674	P	0.5
8	☐	50000.000	49754.428	837548.10	24.4726	P	0.3
9	☐	250000.00	249948.58	4152847.66	122.5363	A	2.5

$$y = 4.8984\text{E-}004 * x + 0.1008$$

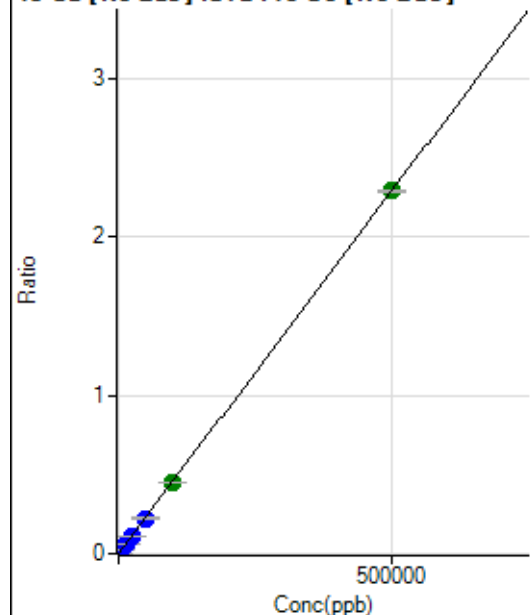
$$R = 1.0000$$

$$DL = 29.54$$

$$BEC = 205.7$$

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	2514.23	0.0007	P	8.5
2	☐	50.000					
3	☐	500.000	418.490	9523.09	0.0026	P	1.3
4	☐	5000.000	4947.923	87372.28	0.0233	P	2.0
5	☐	12500.000	12299.448	221034.34	0.0569	P	1.0
6	☐	25000.000	24304.624	440634.96	0.1118	P	1.2
7	☐	50000.000	48904.123	884019.48	0.2242	P	3.3
8	☐	100000.00	98028.037	1757446.61	0.4488	A	1.8
9	☐	500000.00	500544.36	8750168.86	2.2888	A	0.4

$$y = 4.5712\text{E-}006 * x + 6.6051\text{E-}004$$

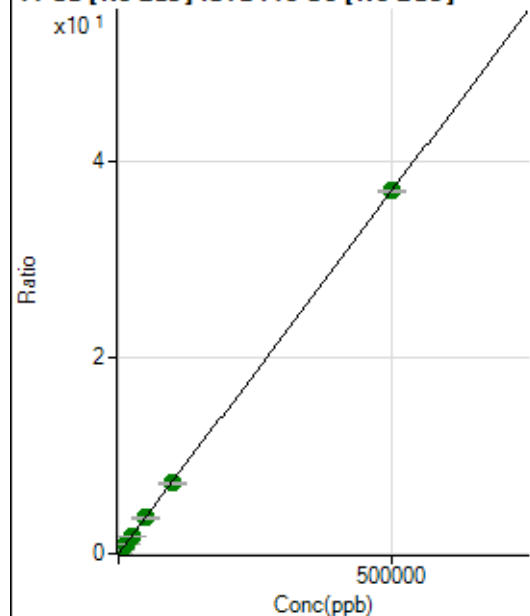
$$R = 1.0000$$

$$DL = 36.71$$

$$BEC = 144.5$$

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	39448.23	0.0104	P	1.4
2	☐	50.000					
3	☐	500.000	445.254	160080.32	0.0433	P	1.6
4	☐	5000.000	5050.779	1439231.66	0.3835	A	1.1
5	☐	12500.000	12484.649	3624544.70	0.9328	A	0.5
6	☐	25000.000	24467.107	7167585.84	1.8181	A	1.6
7	☐	50000.000	49305.815	14404408.13	3.6532	A	3.1
8	☐	100000.00	97266.525	28180715.91	7.1967	A	1.9
9	☐	500000.00	500642.68	141449958.7	36.9995	A	0.6

$$y = 7.3883\text{E-}005 * x + 0.0104$$

$$R = 1.0000$$

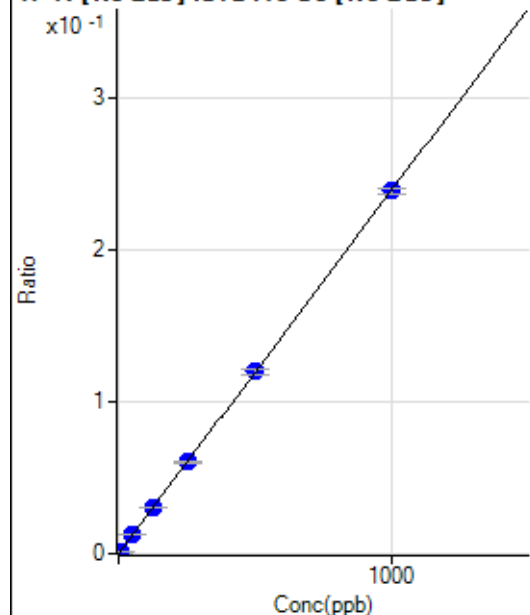
$$DL = 5.736$$

$$BEC = 140.3$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.34	0.0001	P	19.5
2	☐	0.500					
3	☐	5.000	4.447	4156.40	0.0011	P	8.4
4	☐	50.000	51.012	46013.00	0.0123	P	1.2
5	☐	125.000	127.843	119044.82	0.0306	P	0.4
6	☐	250.000	251.860	237737.13	0.0603	P	1.5
7	☐	500.000	500.780	472553.82	0.1198	P	2.9
8	☐	1000.000	998.742	935746.04	0.2390	P	1.6
9	☐			686.16	0.0002	P	13.7

$$y = 2.3921\text{E-}004 * x + 5.4840\text{E-}005$$

$$R = 1.0000$$

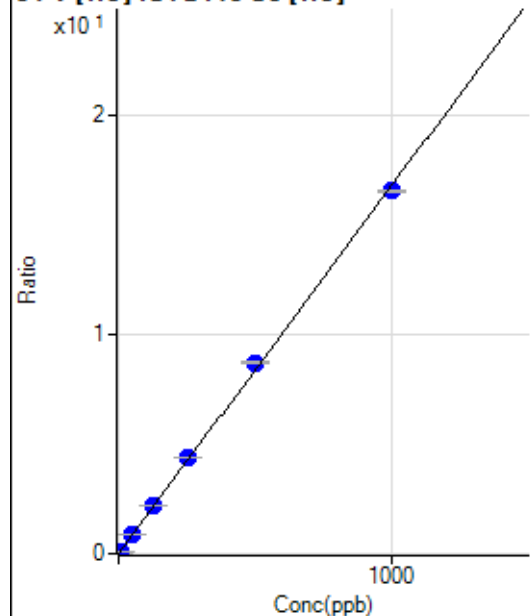
$$DL = 0.1341$$

$$BEC = 0.2293$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0005	P	47.1
2	☐	0.500					
3	☐	5.000	4.556	2700.31	0.0769	P	0.7
4	☐	50.000	52.913	32502.30	0.8878	P	1.6
5	☐	125.000	129.723	83056.77	2.1760	P	0.8
6	☐	250.000	261.022	165641.66	4.3779	P	1.0
7	☐	500.000	520.040	320532.83	8.7217	P	0.9
8	☐	1000.000	986.491	566197.25	16.5442	P	0.8
9	☐			142.23	0.0042	P	26.1

$$y = 0.0168 * x + 4.6737\text{E-}004$$

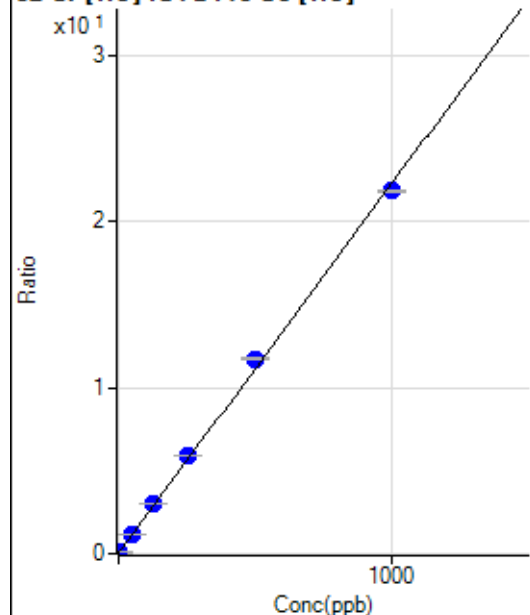
$$R = 0.9996$$

$$DL = 0.03935$$

$$BEC = 0.02787$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	667.81	0.0176	P	8.9
2	☐	0.200					
3	☐	2.000	2.044	2212.43	0.0630	P	6.9
4	☐	50.000	53.118	43901.17	1.1994	P	2.1
5	☐	125.000	132.850	113489.99	2.9733	P	0.3
6	☐	250.000	265.496	224176.47	5.9245	P	0.6
7	☐	500.000	527.410	431876.78	11.7518	P	1.3
8	☐	1000.000	981.284	747777.99	21.8500	P	0.7
9	☐			6028.07	0.1778	P	5.2

$$y = 0.0222 * x + 0.0176$$

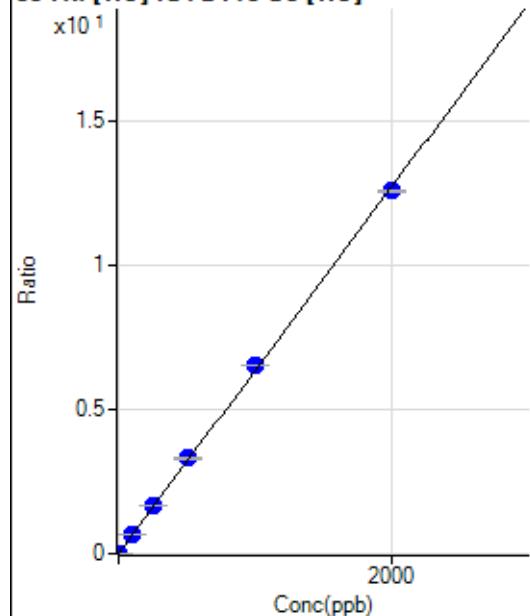
$$R = 0.9993$$

$$DL = 0.2115$$

$$BEC = 0.7893$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.11	0.0042	P	17.5
2	☐	0.100					
3	☐	1.000	0.796	326.68	0.0093	P	11.2
4	☐	100.000	104.503	24469.45	0.6686	P	1.1
5	☐	250.000	260.147	63283.76	1.6580	P	0.7
6	☐	500.000	519.423	125092.55	3.3062	P	1.1
7	☐	1000.000	1027.834	240296.73	6.5382	P	0.3
8	☐	2000.000	1979.734	430851.99	12.5894	P	0.6
9	☐			1525.67	0.0450	P	4.7

$$y = 0.0064 * x + 0.0042$$

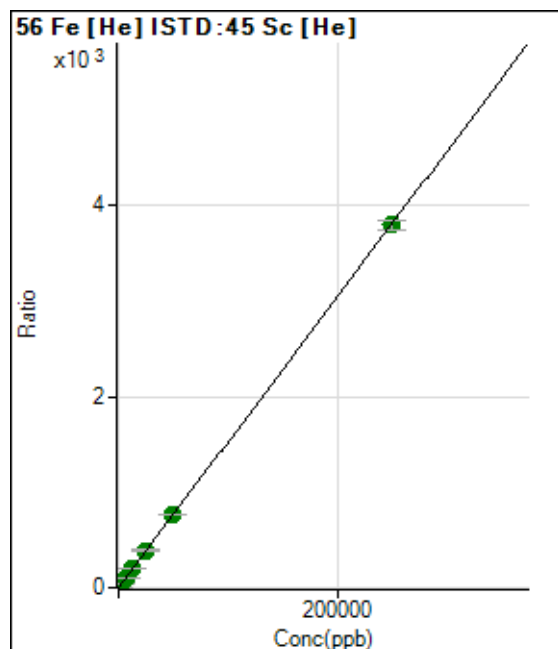
$$R = 0.9998$$

$$DL = 0.3508$$

$$BEC = 0.6665$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2585.50	0.0680	P	2.7
2	☐	5.000					
3	☐	50.000	45.737	26792.85	0.7629	P	2.1
4	☐	2500.000	2627.360	1463697.34	39.9858	A	1.1
5	☐	6250.000	6492.861	3767824.56	98.7149	A	0.8
6	☐	12500.000	12870.113	7401174.53	195.6053	A	0.9
7	☐	25000.000	25748.058	14379678.68	391.2617	A	0.7
8	☐	50000.000	50732.426	26381447.58	770.8525	A	0.3
9	☐	250000.00	249752.85	128603113.9	3,794.596	A	2.4

$$y = 0.0152 * x + 0.0680$$

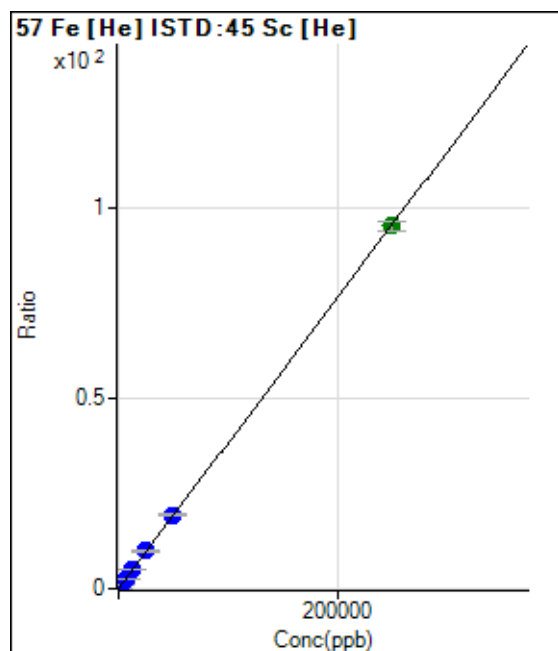
$$R = 1.0000$$

$$DL = 0.3568$$

$$BEC = 4.475$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0018	P	50.0
2	☐	5.000					
3	☐	50.000	49.585	727.82	0.0207	P	12.0
4	☐	2500.000	2580.318	36142.04	0.9872	P	1.6
5	☐	6250.000	6435.071	93873.62	2.4595	P	1.6
6	☐	12500.000	12872.304	186085.25	4.9180	P	1.1
7	☐	25000.000	25829.821	362605.17	9.8669	P	1.3
8	☐	50000.000	50867.044	664941.90	19.4292	P	0.7
9	☐	250000.00	249719.56	3232244.75	95.3763	A	2.9

$$y = 3.8193E-004 * x + 0.0018$$

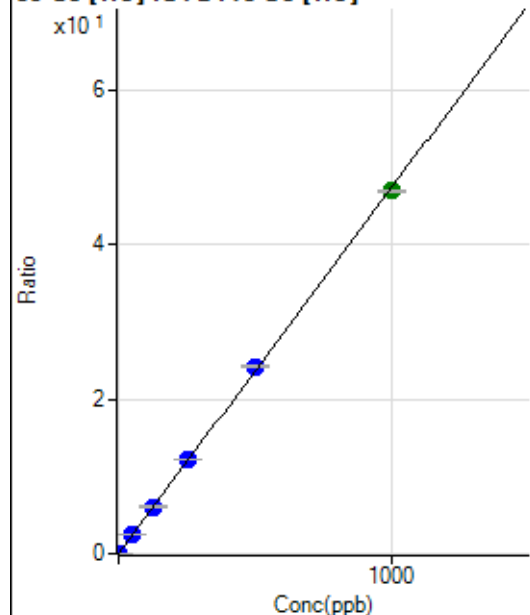
$$R = 1.0000$$

$$DL = 6.884$$

$$BEC = 4.591$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.34	0.0027	P	6.4
2	☐	0.100					
3	☐	1.000	0.912	1614.57	0.0460	P	3.8
4	☐	50.000	51.752	89924.86	2.4565	P	1.0
5	☐	125.000	128.327	232350.01	6.0874	P	0.8
6	☐	250.000	257.497	462060.70	12.2120	P	1.1
7	☐	500.000	512.103	892480.35	24.2843	P	0.9
8	☐	1000.000	991.571	1609150.65	47.0184	A	0.4
9	☐			1879.04	0.0554	P	4.5

$$y = 0.0474 * x + 0.0027$$

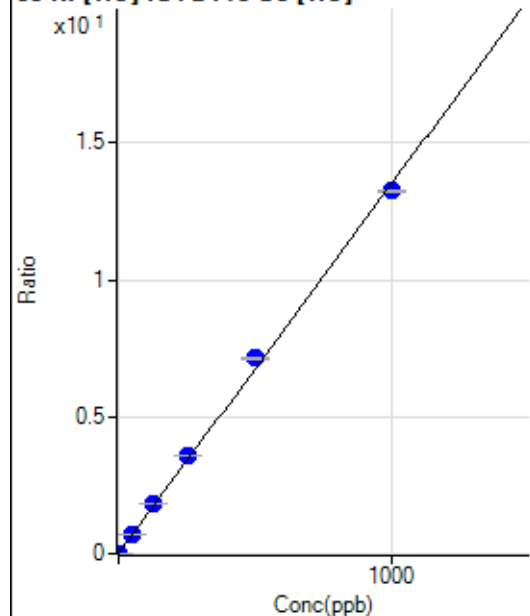
$$R = 0.9999$$

$$DL = 0.01103$$

$$BEC = 0.05731$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	280.01	0.0074	P	12.0
2	☐	0.100					
3	☐	1.000	0.869	670.03	0.0191	P	5.4
4	☐	50.000	53.049	26467.61	0.7230	P	2.0
5	☐	125.000	133.285	68908.48	1.8054	P	0.8
6	☐	250.000	263.394	134720.62	3.5605	P	0.6
7	☐	500.000	528.532	262294.66	7.1372	P	1.2
8	☐	1000.000	981.197	453240.99	13.2437	P	0.8
9	☐			1694.58	0.0500	P	5.7

$$y = 0.0135 * x + 0.0074$$

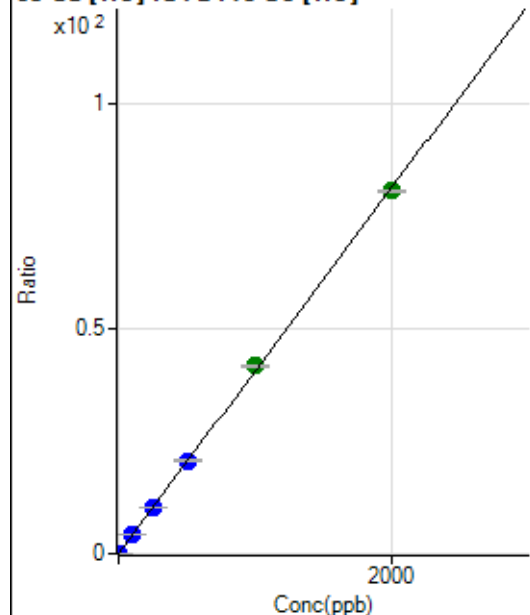
$$R = 0.9993$$

$$DL = 0.1957$$

$$BEC = 0.5458$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.90	0.0108	P	17.1
2	☐	0.200					
3	☐	2.000	2.078	3348.24	0.0954	P	5.6
4	☐	100.000	102.674	153400.69	4.1908	P	0.9
5	☐	250.000	254.246	395493.47	10.3615	P	0.4
6	☐	500.000	509.112	784617.19	20.7375	P	1.0
7	☐	1000.000	1025.678	1535067.69	41.7677	A	0.7
8	☐	2000.000	1984.218	2764958.32	80.7913	A	0.6
9	☐			4523.04	0.1334	P	1.8

$$y = 0.0407 * x + 0.0108$$

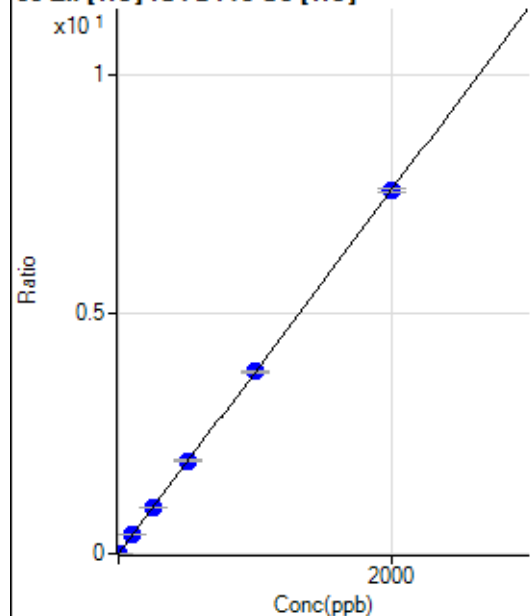
$$R = 0.9999$$

$$DL = 0.1353$$

$$BEC = 0.2642$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0014	P	27.4
2	☐	0.200					
3	☐	2.000	2.088	327.79	0.0093	P	8.1
4	☐	100.000	102.809	14319.79	0.3913	P	1.5
5	☐	250.000	255.928	37100.85	0.9720	P	1.3
6	☐	500.000	511.207	73415.11	1.9402	P	0.8
7	☐	1000.000	1001.417	139625.37	3.7994	P	1.4
8	☐	2000.000	1995.608	259066.59	7.5699	P	1.0
9	☐			993.39	0.0293	P	1.5

$$y = 0.0038 * x + 0.0014$$

$$R = 1.0000$$

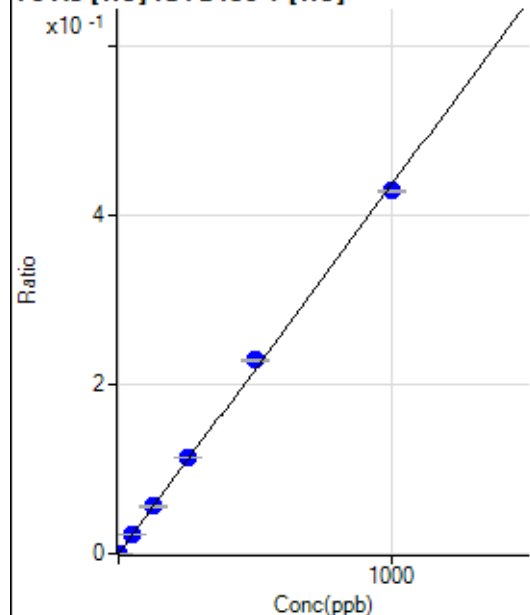
$$DL = 0.3043$$

$$BEC = 0.3699$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.41	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	0.781	85.19	0.0004	P	1.7
4	☐	50.000	52.007	5443.09	0.0227	P	1.1
5	☐	125.000	127.869	13931.18	0.0557	P	1.1
6	☐	250.000	261.020	28037.71	0.1138	P	0.9
7	☐	500.000	525.383	54158.00	0.2290	P	1.5
8	☐	1000.000	984.095	94159.86	0.4288	P	0.4
9	☐			40.74	0.0002	P	23.6

$$y = 4.3573\text{E-}004 * x + 2.9396\text{E-}005$$

$$R = 0.9994$$

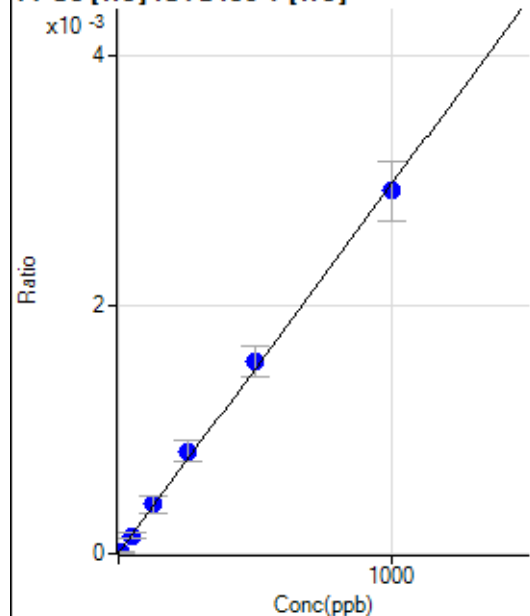
$$DL = 0.05024$$

$$BEC = 0.06746$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	3.422	3.33	0.0000	P	99.3
4	☐	50.000	47.033	34.45	0.0001	P	31.8
5	☐	125.000	132.210	98.89	0.0004	P	36.2
6	☐	250.000	276.600	203.34	0.0008	P	19.6
7	☐	500.000	521.018	365.57	0.0015	P	15.4
8	☐	1000.000	982.096	640.03	0.0029	P	16.4
9	☐			0.00	0.0000	P	

$$y = 2.9630\text{E-}006 * x + 4.3860\text{E-}006$$

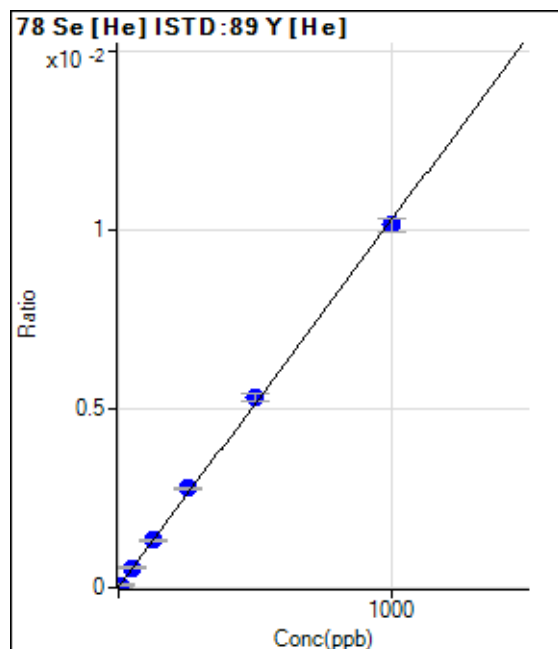
$$R = 0.9992$$

$$DL = 7.692$$

$$BEC = 1.48$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	50.0
2	☐	0.500					
3	☐	5.000	4.861	14.82	0.0001	P	54.9
4	☐	50.000	52.040	131.48	0.0005	P	8.7
5	☐	125.000	127.798	331.49	0.0013	P	4.5
6	☐	250.000	268.460	682.74	0.0028	P	1.0
7	☐	500.000	516.875	1258.10	0.0053	P	4.4
8	☐	1000.000	986.496	2226.13	0.0101	P	3.4
9	☐			3.08	0.0000	P	34.6

$$y = 1.0264\text{E-}005 * x + 1.4697\text{E-}005$$

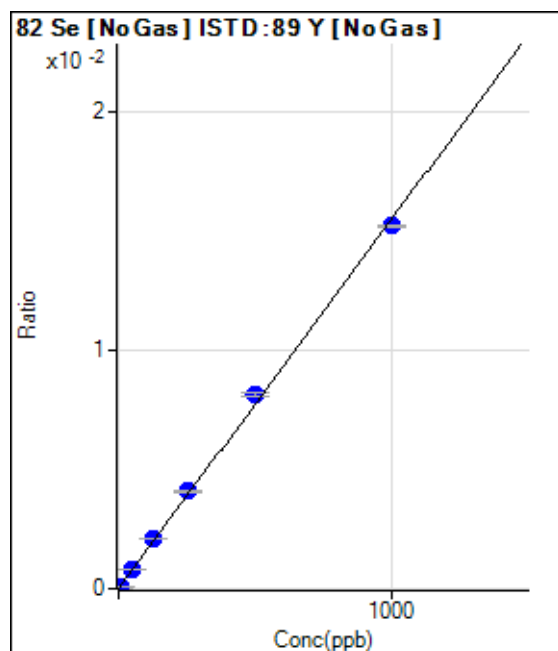
$$R = 0.9996$$

$$DL = 2.147$$

$$BEC = 1.432$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.78	0.0000	P	237.
2	☐	0.500					
3	☐	5.000	4.280	468.91	0.0001	P	9.6
4	☐	50.000	52.227	5490.42	0.0008	P	2.5
5	☐	125.000	133.653	14407.48	0.0021	P	0.6
6	☐	250.000	263.421	28684.44	0.0041	P	1.8
7	☐	500.000	525.998	57654.13	0.0082	P	2.1
8	☐	1000.000	982.457	108159.47	0.0152	P	0.7
9	☐			47.77	0.0000	P	136.

$$y = 1.5502\text{E-}005 * x + 3.8153\text{E-}006$$

$$R = 0.9994$$

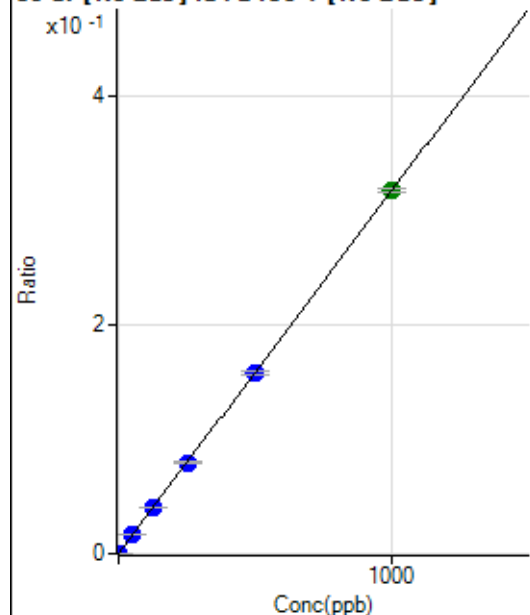
$$DL = 1.75$$

$$BEC = 0.2461$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	988.97	0.0001	P	10.5
2	☐	0.100					
3	☐	1.000	1.014	3117.17	0.0005	P	7.7
4	☐	50.000	50.386	108714.25	0.0161	P	1.1
5	☐	125.000	126.636	279379.37	0.0403	P	0.8
6	☐	250.000	250.423	557690.04	0.0795	P	0.9
7	☐	500.000	498.881	1117656.09	0.1582	P	2.7
8	☐	1000.000	1000.230	2250218.17	0.3170	A	1.2
9	☐			76084.93	0.0109	P	1.1

$$y = 3.1675\text{E-}004 * x + 1.4242\text{E-}004$$

$$R = 1.0000$$

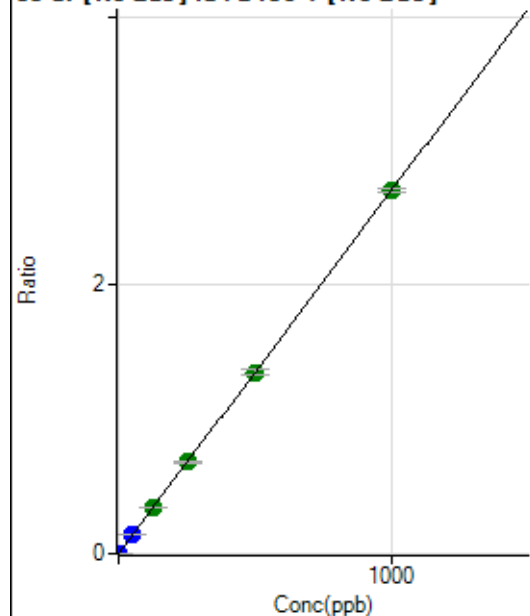
$$DL = 0.141$$

$$BEC = 0.4496$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	152.79	0.0000	P	22.4
2	☐	0.100					
3	☐	1.000	0.938	17164.24	0.0026	P	2.4
4	☐	50.000	51.030	932245.61	0.1380	P	0.4
5	☐	125.000	129.124	2423903.40	0.3492	A	0.7
6	☐	250.000	252.865	4799628.54	0.6839	A	1.3
7	☐	500.000	499.624	9549199.52	1.3513	A	2.6
8	☐	1000.000	998.905	19180239.15	2.7016	A	1.2
9	☐			650755.05	0.0934	P	0.7

$$y = 0.0027 * x + 2.2027\text{E-}005$$

$$R = 1.0000$$

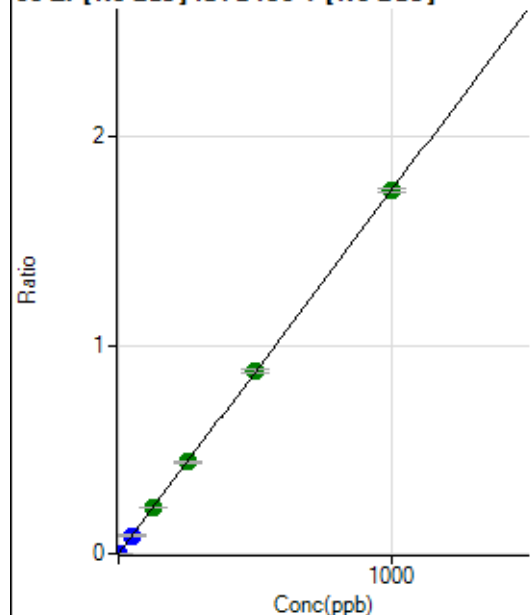
$$DL = 0.005478$$

$$BEC = 0.008144$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	500.04	0.0001	P	17.7
2	☐	0.100					
3	☐	1.000	0.872	10685.24	0.0016	P	0.9
4	☐	50.000	50.101	590620.76	0.0874	P	0.6
5	☐	125.000	128.229	1552460.19	0.2237	A	0.6
6	☐	250.000	252.333	3088502.50	0.4401	A	1.6
7	☐	500.000	501.173	6176880.61	0.8740	A	2.0
8	☐	1000.000	998.422	12361884.13	1.7411	A	1.0
9	☐			2464.22	0.0004	P	5.4

$$y = 0.0017 * x + 7.2074E-005$$

$$R = 1.0000$$

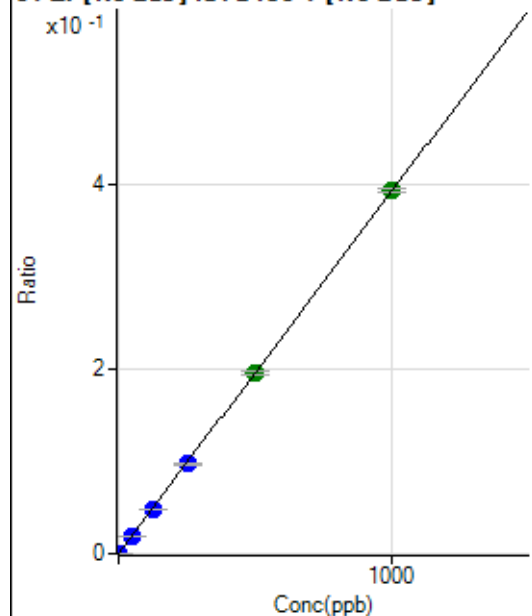
$$DL = 0.02196$$

$$BEC = 0.04133$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	30.1
2	☐	0.100					
3	☐	1.000	0.896	2494.78	0.0004	P	1.1
4	☐	50.000	49.599	131871.03	0.0195	P	0.6
5	☐	125.000	124.277	339386.28	0.0489	P	0.5
6	☐	250.000	247.375	682979.98	0.0973	P	0.9
7	☐	500.000	497.712	1383602.73	0.1958	A	1.8
8	☐	1000.000	1001.911	2797837.06	0.3941	A	1.2
9	☐			491.70	0.0001	P	14.9

$$y = 3.9331E-004 * x + 1.9588E-005$$

$$R = 1.0000$$

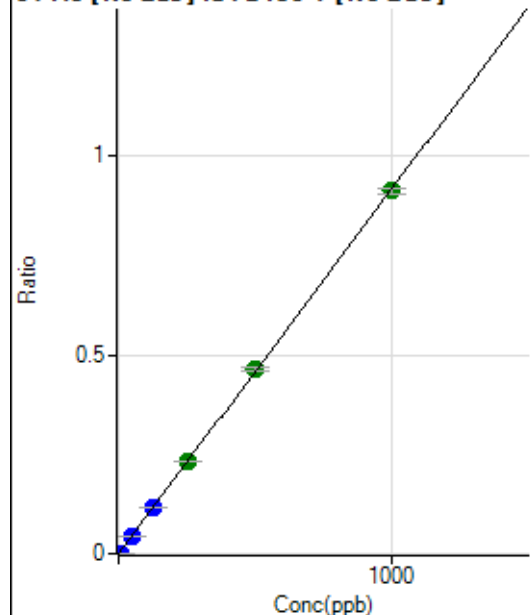
$$DL = 0.04503$$

$$BEC = 0.0498$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.68	0.0000	P	1.0
2	☐	0.500					
3	☐	5.000	1.971	12275.47	0.0018	P	4.1
4	☐	50.000	49.606	307435.00	0.0455	P	0.6
5	☐	125.000	125.588	799618.25	0.1152	P	0.6
6	☐	250.000	253.739	1633467.14	0.2327	A	1.1
7	☐	500.000	506.494	3283183.56	0.4646	A	2.1
8	☐	1000.000	995.779	6484261.56	0.9133	A	1.2
9	☐			3581.21	0.0005	P	4.3

$$y = 9.1717\text{E-}004 * x + 2.4017\text{E-}005$$

$$R = 0.9999$$

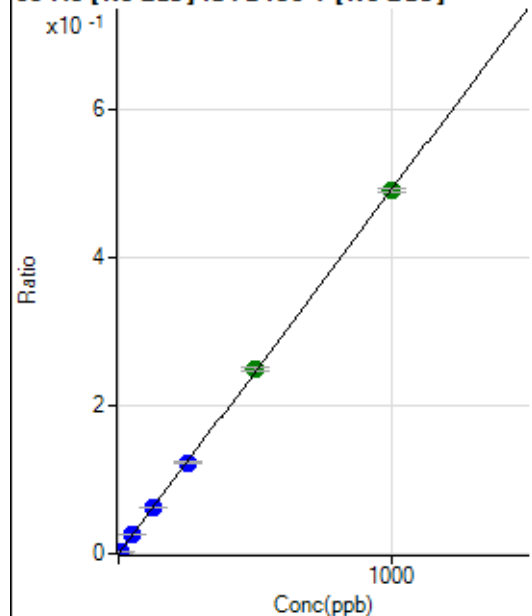
$$DL = 0.000748$$

$$BEC = 0.02619$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.33	0.0000	P	25.1
2	☐	0.500					
3	☐	5.000	4.233	13985.53	0.0021	P	3.8
4	☐	50.000	50.360	167106.72	0.0247	P	0.2
5	☐	125.000	125.252	427022.32	0.0615	P	1.4
6	☐	250.000	249.745	860945.59	0.1227	P	1.4
7	☐	500.000	505.725	1755457.92	0.2484	A	2.4
8	☐	1000.000	997.156	3476960.58	0.4898	A	1.0
9	☐			4667.68	0.0007	P	3.4

$$y = 4.9117\text{E-}004 * x + 8.4102\text{E-}006$$

$$R = 1.0000$$

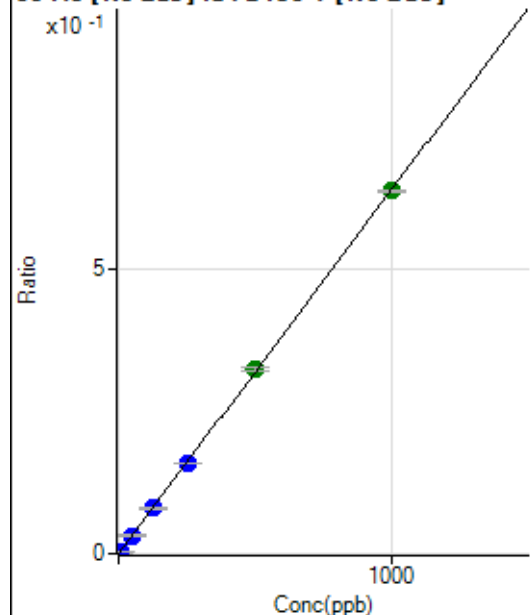
$$DL = 0.0129$$

$$BEC = 0.01712$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	23.2
2	☐	0.500					
3	☐	5.000	3.806	16441.20	0.0025	P	3.1
4	☐	50.000	49.706	215005.76	0.0319	P	2.1
5	☐	125.000	124.564	553826.09	0.0798	P	0.7
6	☐	250.000	247.138	1110994.94	0.1583	P	1.1
7	☐	500.000	507.186	2295818.74	0.3249	A	2.1
8	☐	1000.000	997.198	4534587.51	0.6387	A	0.7
9	☐			6590.83	0.0009	P	1.7

$$y = 6.4048\text{E-}004 * x + 1.5191\text{E-}005$$

$$R = 1.0000$$

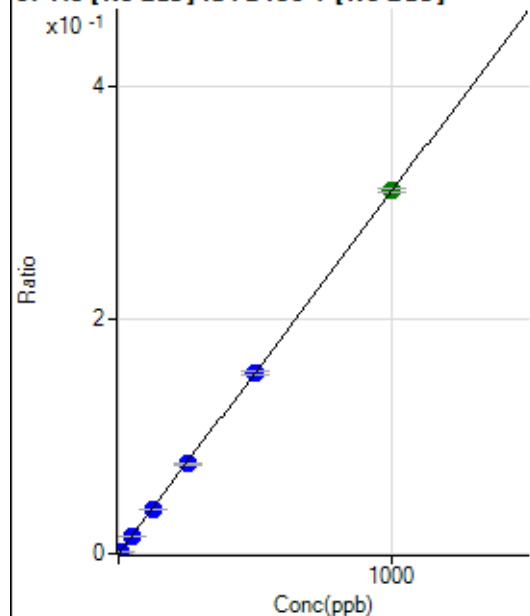
$$DL = 0.01651$$

$$BEC = 0.02372$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	7.3
2	☐	0.500					
3	☐	5.000	4.359	9114.57	0.0014	P	4.3
4	☐	50.000	49.321	103278.31	0.0153	P	0.5
5	☐	125.000	123.809	266306.25	0.0384	P	1.1
6	☐	250.000	248.336	540041.06	0.0770	P	1.8
7	☐	500.000	497.743	1089934.72	0.1542	P	2.2
8	☐	1000.000	1001.730	2203391.37	0.3104	A	1.1
9	☐			2853.21	0.0004	P	9.1

$$y = 3.0984\text{E-}004 * x + 1.0008\text{E-}005$$

$$R = 1.0000$$

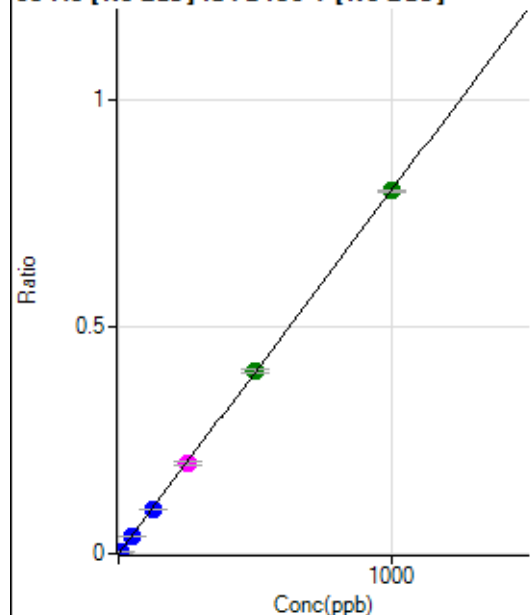
$$DL = 0.007092$$

$$BEC = 0.0323$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	29.2
2	☐	0.500					
3	☐	5.000	4.248	22939.77	0.0034	P	0.8
4	☐	50.000	49.129	265818.41	0.0394	P	0.4
5	☐	125.000	123.449	686308.88	0.0989	P	1.2
6	☐	250.000	249.051	1399722.86	0.1995	M	3.3
7	☐	500.000	504.074	2853157.94	0.4037	A	2.2
8	☐	1000.000	998.441	5677328.82	0.7997	A	0.3
9	☐			7155.04	0.0010	P	1.5

$$y = 8.0091\text{E-}004 * x + 1.6836\text{E-}005$$

$$R = 1.0000$$

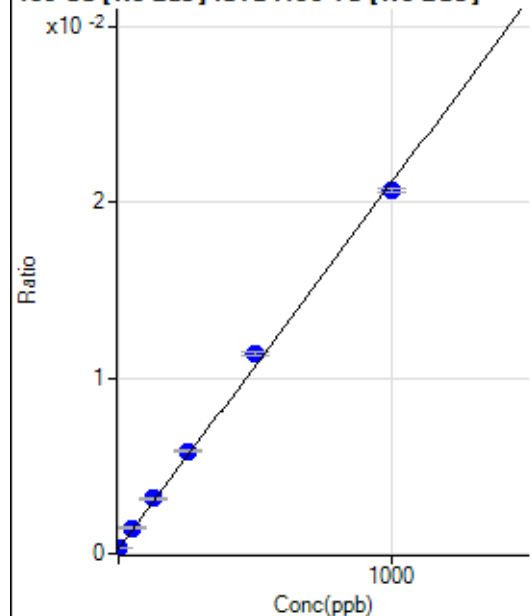
$$DL = 0.01839$$

$$BEC = 0.02102$$

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	2233.62	0.0003	P	3.8
2	☐	0.100					
3	☐	1.000	-0.290	2100.25	0.0003	P	1.0
4	☐	50.000	56.683	11005.03	0.0015	P	3.8
5	☐	125.000	136.898	24645.56	0.0031	P	1.6
6	☐	250.000	267.085	47598.89	0.0058	P	1.9
7	☐	500.000	532.333	95319.47	0.0114	P	1.7
8	☐	1000.000	977.742	179012.69	0.0206	P	1.1
9	☐			2003.02	0.0002	P	12.9

$$y = 2.0809\text{E-}005 * x + 2.8629\text{E-}004$$

$$R = 0.9990$$

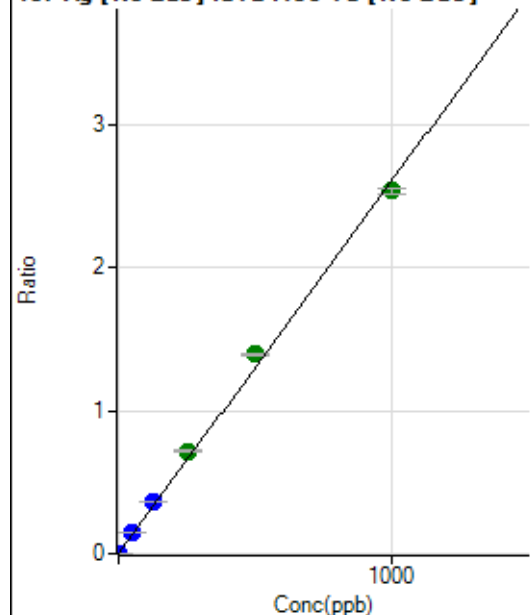
$$DL = 1.557$$

$$BEC = 13.76$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0000	P	59.2
2	☐	0.100					
3	☐	1.000	1.296	25391.92	0.0034	P	6.2
4	☐	50.000	56.358	1100804.61	0.1468	P	0.3
5	☐	125.000	138.965	2844621.62	0.3618	P	1.0
6	☐	250.000	274.981	5831523.90	0.7160	A	1.3
7	☐	500.000	535.006	11684767.75	1.3930	A	0.9
8	☐	1000.000	974.188	22007849.16	2.5364	A	1.5
9	☐			2098.49	0.0002	P	9.4

$$y = 0.0026 * x + 2.0768E-005$$

$$R = 0.9987$$

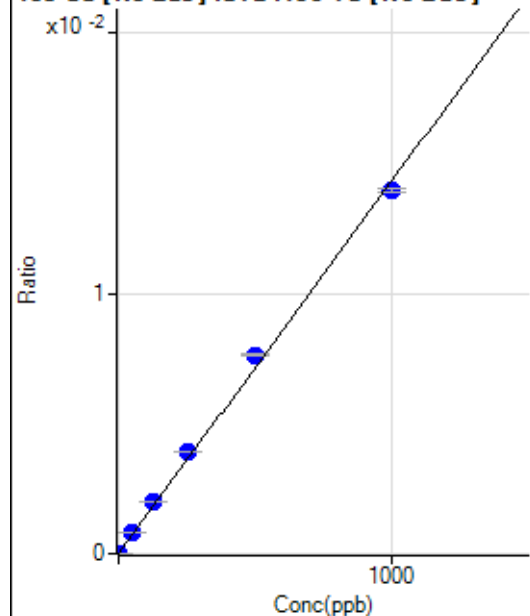
$$DL = 0.01416$$

$$BEC = 0.007977$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	69.2
2	☐	0.100					
3	☐	1.000	0.925	112.50	0.0000	P	18.0
4	☐	50.000	56.624	6094.57	0.0008	P	4.7
5	☐	125.000	138.841	15634.35	0.0020	P	1.5
6	☐	250.000	274.970	32069.05	0.0039	P	0.6
7	☐	500.000	534.214	64140.77	0.0076	P	1.6
8	☐	1000.000	974.589	121019.10	0.0139	P	1.2
9	☐			26.39	0.0000	P	19.8

$$y = 1.4311E-005 * x + 1.7786E-006$$

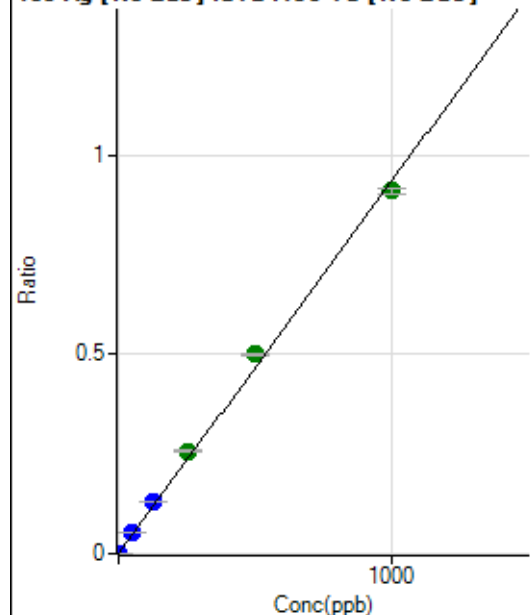
$$R = 0.9987$$

$$DL = 0.2579$$

$$BEC = 0.1243$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	52.5
2	☐	0.100					
3	☐	1.000	1.297	9111.83	0.0012	P	5.9
4	☐	50.000	56.370	394699.35	0.0526	P	0.2
5	☐	125.000	138.985	1019882.59	0.1297	P	1.0
6	☐	250.000	275.005	2090649.25	0.2567	A	1.3
7	☐	500.000	534.829	4187328.96	0.4992	A	0.9
8	☐	1000.000	974.267	7889924.05	0.9093	A	1.5
9	☐			758.39	0.0001	P	8.6

$$y = 9.3333\text{E-}004 * x + 7.8726\text{E-}006$$

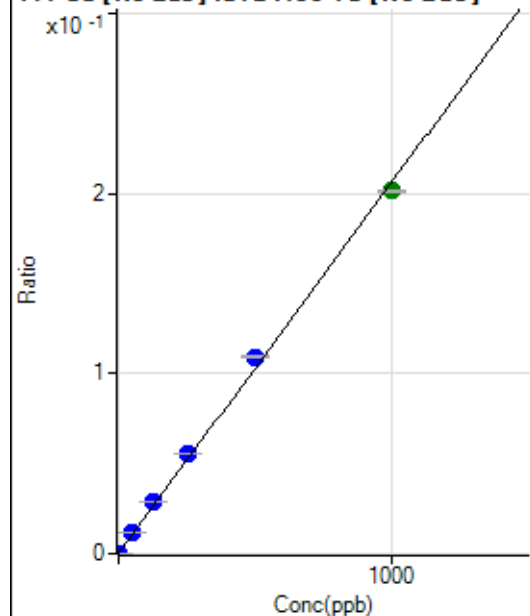
$$R = 0.9987$$

$$DL = 0.0133$$

$$BEC = 0.008435$$

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	1580.21	0.0002	P	3.3
2	☐	0.100					
3	☐	1.000	0.919	2931.83	0.0004	P	2.8
4	☐	50.000	56.004	87935.56	0.0117	P	1.1
5	☐	125.000	138.269	225258.55	0.0287	P	0.6
6	☐	250.000	269.662	453551.99	0.0557	P	1.2
7	☐	500.000	530.623	917491.63	0.1094	P	1.1
8	☐	1000.000	977.814	1747414.71	0.2014	A	0.8
9	☐			1676.71	0.0002	P	10.6

$$y = 2.0575\text{E-}004 * x + 2.0254\text{E-}004$$

$$R = 0.9990$$

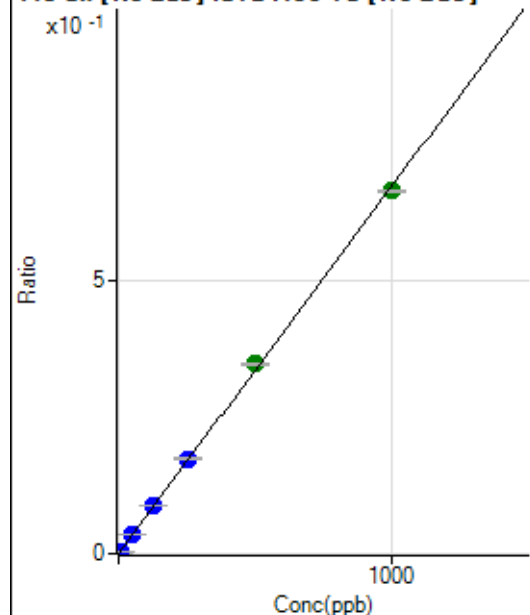
$$DL = 0.0962$$

$$BEC = 0.9844$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	683.39	0.0001	P	12.3
2	☐	0.500					
3	☐	5.000	4.642	24017.02	0.0032	P	1.8
4	☐	50.000	53.445	270102.76	0.0360	P	0.1
5	☐	125.000	131.296	694394.01	0.0883	P	1.9
6	☐	250.000	258.191	1414112.13	0.1736	P	1.4
7	☐	500.000	517.375	2917557.46	0.3478	A	1.3
8	☐	1000.000	988.307	5764286.41	0.6643	A	0.7
9	☐			4286.99	0.0005	P	2.2

$$y = 6.7211\text{E-}004 * x + 8.7611\text{E-}005$$

$$R = 0.9997$$

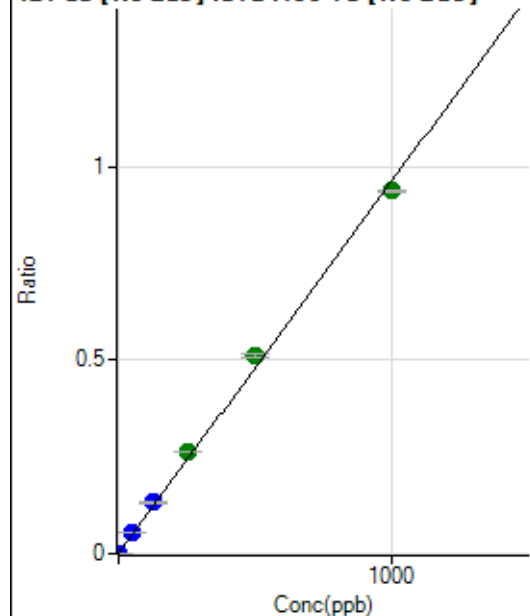
$$DL = 0.04813$$

$$BEC = 0.1304$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	44.8
2	☐	0.200					
3	☐	2.000	1.948	14071.91	0.0019	P	2.2
4	☐	50.000	55.134	397560.87	0.0530	P	0.4
5	☐	125.000	137.827	1041436.56	0.1325	P	2.2
6	☐	250.000	274.372	2148080.04	0.2637	A	1.0
7	☐	500.000	533.426	4300716.37	0.5127	A	1.6
8	☐	1000.000	975.334	8134446.19	0.9375	A	0.3
9	☐			18794.58	0.0022	P	1.0

$$y = 9.6118\text{E-}004 * x + 6.0680\text{E-}006$$

$$R = 0.9988$$

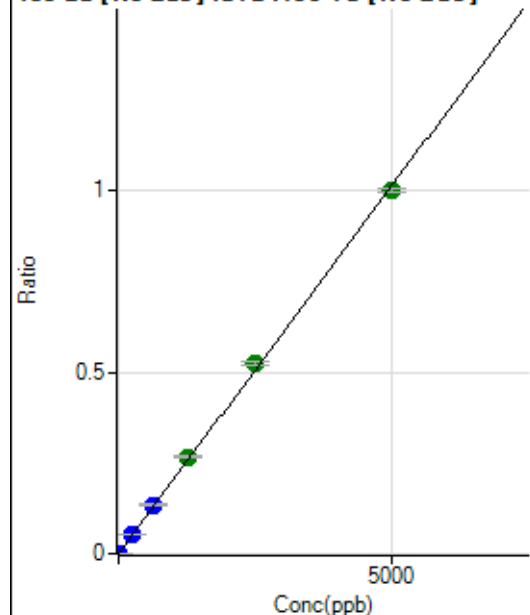
$$DL = 0.008481$$

$$BEC = 0.006313$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	10.5
2	☐	1.000					
3	☐	10.000	9.242	14046.88	0.0019	P	0.9
4	☐	250.000	269.553	409051.33	0.0545	P	0.3
5	☐	625.000	665.349	1058108.29	0.1346	P	1.5
6	☐	1250.000	1319.271	2173680.84	0.2669	A	1.3
7	☐	2500.000	2580.775	4378868.07	0.5221	A	1.9
8	☐	5000.000	4936.275	8664066.95	0.9985	A	0.9
9	☐			2667.07	0.0003	P	6.3

$$y = 2.0228\text{E-}004 * x + 6.0528\text{E-}006$$

$$R = 0.9997$$

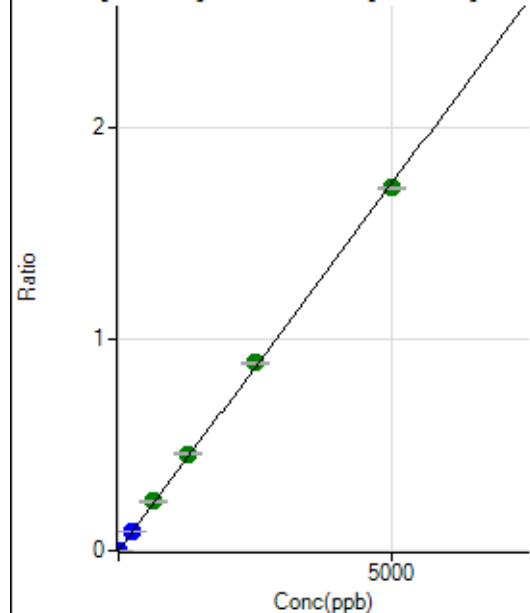
$$DL = 0.009397$$

$$BEC = 0.02992$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	6.3
2	☐	1.000					
3	☐	10.000	9.503	24735.18	0.0033	P	1.9
4	☐	250.000	268.445	698045.59	0.0931	P	0.3
5	☐	625.000	669.443	1824117.40	0.2320	A	1.8
6	☐	1250.000	1321.171	3730130.64	0.4579	A	0.4
7	☐	2500.000	2563.014	7451741.14	0.8884	A	1.3
8	☐	5000.000	4944.224	14870416.31	1.7137	A	0.6
9	☐			4987.30	0.0006	P	2.8

$$y = 3.4661\text{E-}004 * x + 9.9678\text{E-}006$$

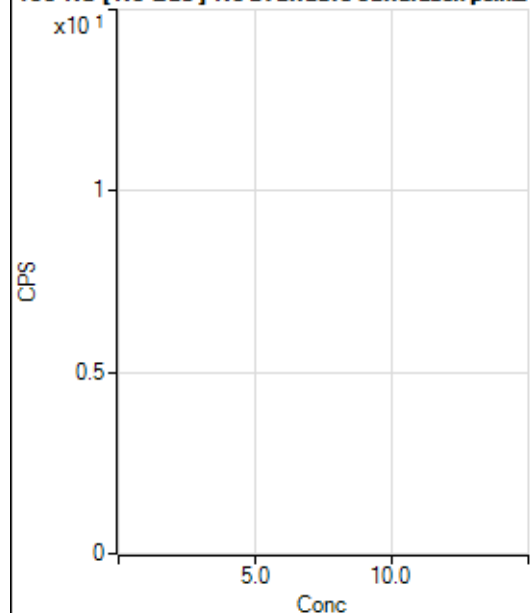
$$R = 0.9998$$

$$DL = 0.005397$$

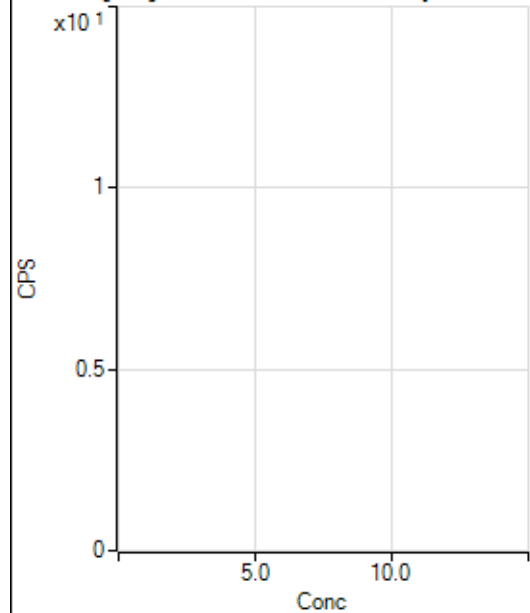
$$BEC = 0.02876$$

Weight: <None>

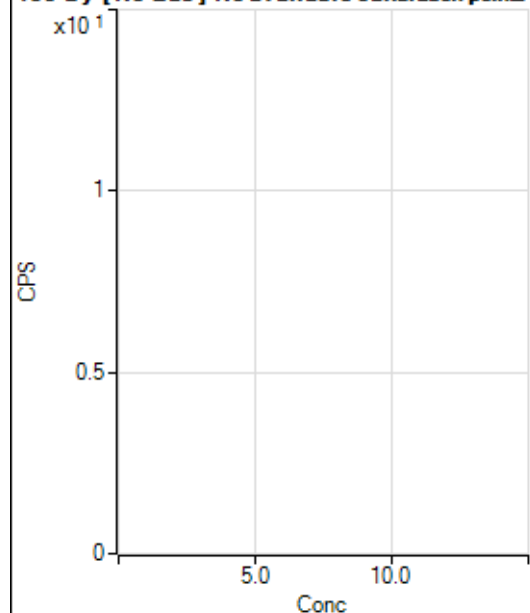
Min Conc: 0

150 Nd [No Gas] No available calibration points

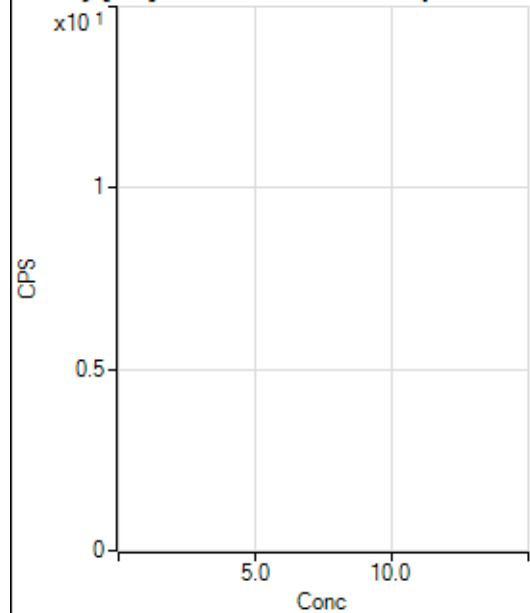
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	142.
2	☐						
3	☐			6.67		P	100.
4	☐			22.22		P	45.8
5	☐			57.78		P	63.5
6	☐			73.34		P	24.0
7	☐			180.01		P	19.6
8	☐			406.69		P	11.8
9	☐			80.01		P	14.4

150 Nd [He] No available calibration points

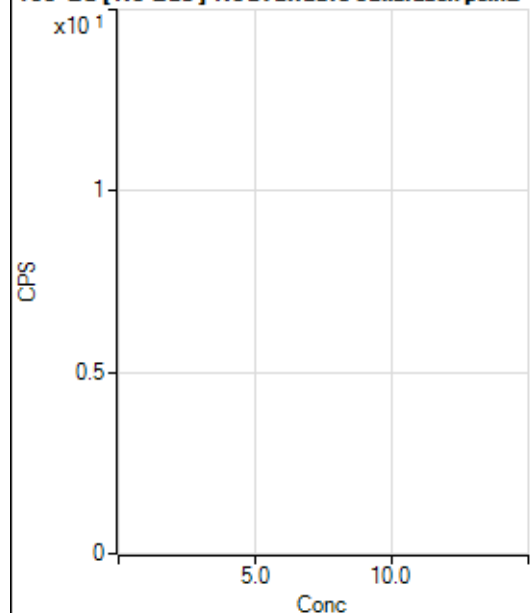
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			4.45		P	86.6
7	☐			5.55		P	69.3
8	☐			21.11		P	63.8
9	☐			10.00		P	33.3

156 Dy [No Gas] No available calibration points

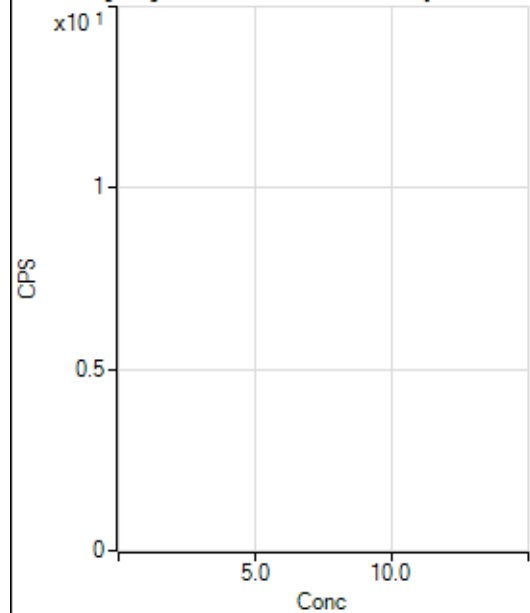
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			25.00		P	66.7
4	☐			41.67		P	69.3
5	☐			47.22		P	44.4
6	☐			61.11		P	43.8
7	☐			83.34		P	36.1
8	☐			252.79		P	39.1
9	☐			72.23		P	46.6

156 Dy [He] No available calibration points

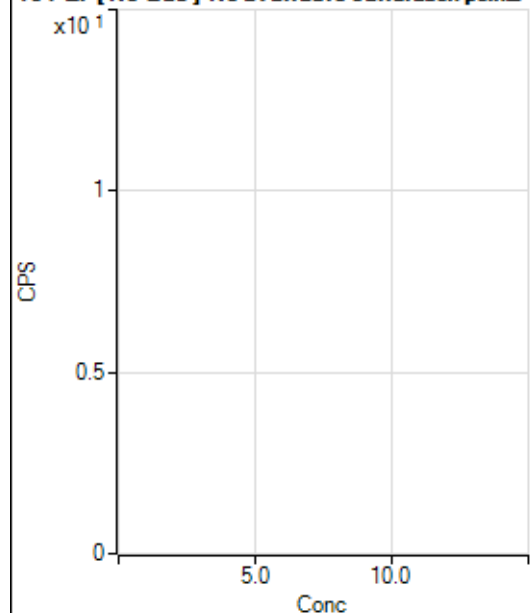
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			1.11		P	173.
6	☐			3.33		P	173.
7	☐			7.78		P	24.7
8	☐			35.56		P	51.6
9	☐			13.33		P	25.0

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

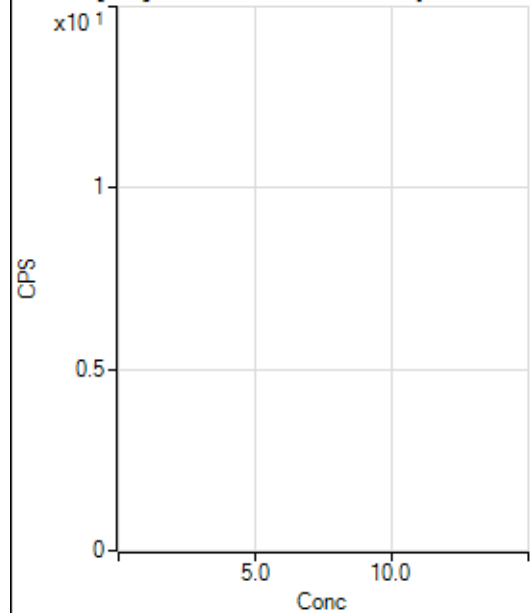
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	7.1
2	☐						
3	☐			94.45		P	28.4
4	☐			91.67		P	41.7
5	☐			127.79		P	13.6
6	☐			113.89		P	25.7
7	☐			122.23		P	3.9
8	☐			230.57		P	11.0
9	☐			141.68		P	21.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	35.3
2	☐						
3	☐			14.44		P	81.1
4	☐			11.11		P	17.3
5	☐			22.22		P	48.2
6	☐			23.33		P	37.8
7	☐			17.78		P	28.6
8	☐			34.44		P	24.3
9	☐			22.22		P	31.2

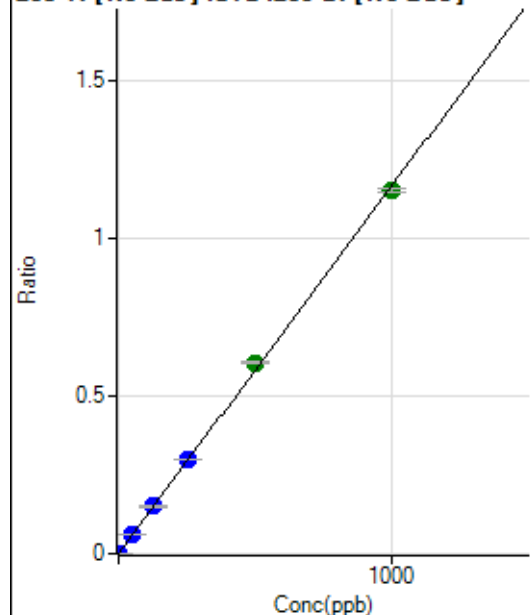
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	28.7
2	☐						
3	☐			27.78		P	45.8
4	☐			27.78		P	45.8
5	☐			25.00		P	33.3
6	☐			27.78		P	34.6
7	☐			58.34		P	14.3
8	☐			80.56		P	11.9
9	☐			55.56		P	48.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	132.
2	☐						
3	☐			4.44		P	114.
4	☐			5.56		P	91.6
5	☐			6.67		P	0.0
6	☐			2.22		P	86.6
7	☐			12.22		P	68.7
8	☐			13.34		P	43.3
9	☐			5.56		P	34.7

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	39.1
2	☐	0.100					
3	☐	1.000	0.957	4937.31	0.0011	P	6.8
4	☐	50.000	52.260	267719.24	0.0610	P	0.8
5	☐	125.000	128.301	689570.01	0.1496	P	0.8
6	☐	250.000	256.084	1423113.34	0.2986	P	1.6
7	☐	500.000	520.733	3031854.75	0.6072	A	1.7
8	☐	1000.000	987.587	5953232.95	1.1515	A	0.9
9	☐			2122.51	0.0004	P	9.4

$$y = 0.0012 * x + 2.3039E-005$$

$$R = 0.9997$$

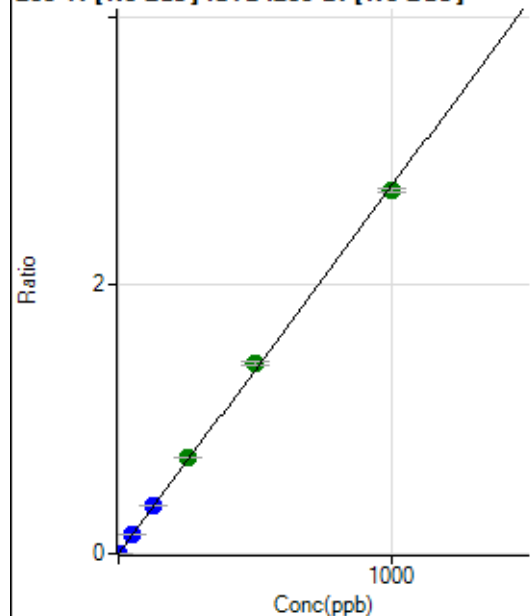
$$DL = 0.02319$$

$$BEC = 0.01976$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0001	P	20.9
2	☐	0.100					
3	☐	1.000	0.970	11730.91	0.0027	P	2.2
4	☐	50.000	52.660	633931.40	0.1443	P	0.2
5	☐	125.000	129.913	1640636.19	0.3560	P	0.8
6	☐	250.000	261.784	3418457.98	0.7172	A	0.8
7	☐	500.000	518.341	7091297.47	1.4201	A	1.6
8	☐	1000.000	987.137	13982405.52	2.7044	A	1.1
9	☐			5437.54	0.0011	P	5.1

$$y = 0.0027 * x + 5.6982E-005$$

$$R = 0.9997$$

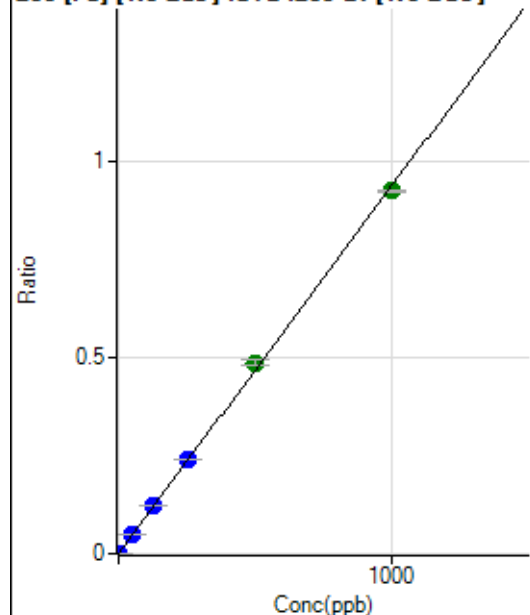
$$DL = 0.01307$$

$$BEC = 0.0208$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	646.33	0.0001	P	11.6
2	☐	0.100					
3	☐	1.000	1.086	5010.39	0.0012	P	3.3
4	☐	50.000	52.289	216053.45	0.0492	P	0.3
5	☐	125.000	129.345	559842.24	0.1215	P	1.0
6	☐	250.000	256.347	1146724.98	0.2406	P	0.8
7	☐	500.000	520.603	2438975.75	0.4885	A	2.5
8	☐	1000.000	987.454	4789408.50	0.9264	A	0.8
9	☐			8073.19	0.0016	P	3.3

$$y = 9.3801\text{E-}004 * x + 1.4082\text{E-}004$$

$$R = 0.9997$$

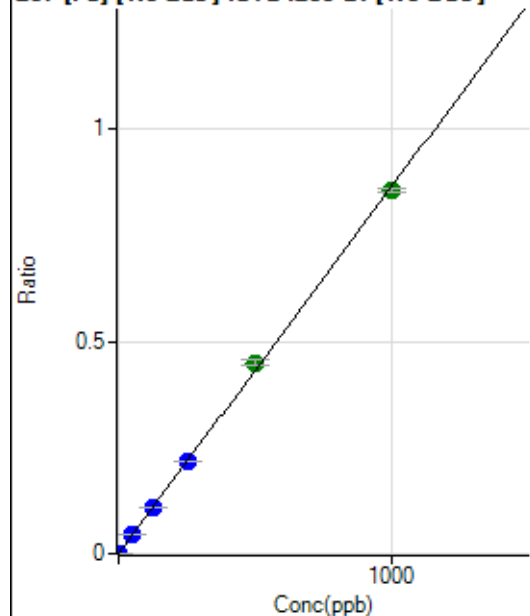
$$DL = 0.05212$$

$$BEC = 0.1501$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	494.47	0.0001	P	3.4
2	☐	0.100					
3	☐	1.000	1.119	4645.45	0.0011	P	2.9
4	☐	50.000	51.274	195098.92	0.0444	P	1.3
5	☐	125.000	126.765	505335.21	0.1096	P	0.7
6	☐	250.000	252.588	1040756.00	0.2184	P	0.7
7	☐	500.000	520.461	2245961.45	0.4498	A	2.5
8	☐	1000.000	988.838	4417764.33	0.8545	A	1.0
9	☐			6813.16	0.0014	P	2.5

$$y = 8.6406\text{E-}004 * x + 1.0783\text{E-}004$$

$$R = 0.9997$$

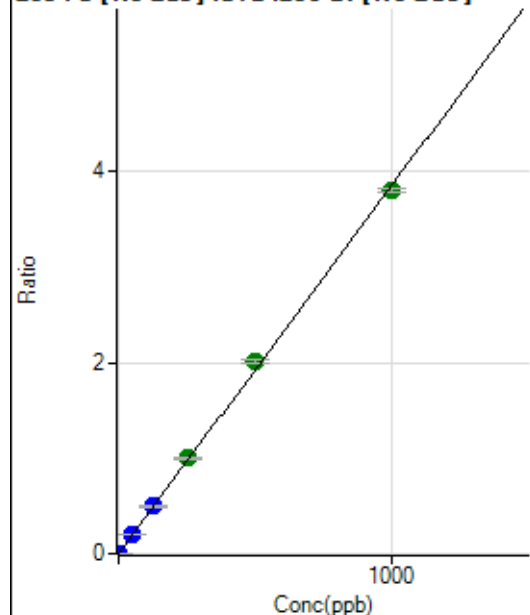
$$DL = 0.01267$$

$$BEC = 0.1248$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2403.87	0.0005	P	2.9
2	☐	0.100					
3	☐	1.000	1.096	20501.49	0.0047	P	2.4
4	☐	50.000	51.537	873819.22	0.1989	P	0.9
5	☐	125.000	128.289	2278893.34	0.4944	P	0.9
6	☐	250.000	259.722	4768547.36	1.0005	A	0.8
7	☐	500.000	521.251	10023363.25	2.0074	A	1.9
8	☐	1000.000	986.456	19636147.60	3.7984	A	1.2
9	☐			32111.44	0.0065	P	1.4

$$y = 0.0039 * x + 5.2404E-004$$

$$R = 0.9996$$

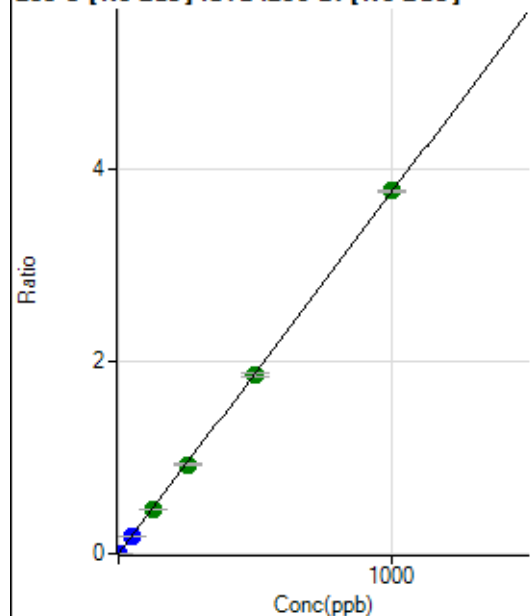
$$DL = 0.01194$$

$$BEC = 0.1361$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205.57	0.0000	P	7.1
2	☐	0.100					
3	☐	1.000	0.856	14108.60	0.0033	P	0.5
4	☐	50.000	49.059	810009.02	0.1844	P	1.0
5	☐	125.000	124.360	2154685.92	0.4675	A	0.6
6	☐	250.000	246.647	4418770.50	0.9271	A	1.4
7	☐	500.000	493.805	9268175.47	1.8562	A	2.1
8	☐	1000.000	1004.063	19511560.16	3.7741	A	0.7
9	☐			1655.74	0.0003	P	4.0

$$y = 0.0038 * x + 4.4844E-005$$

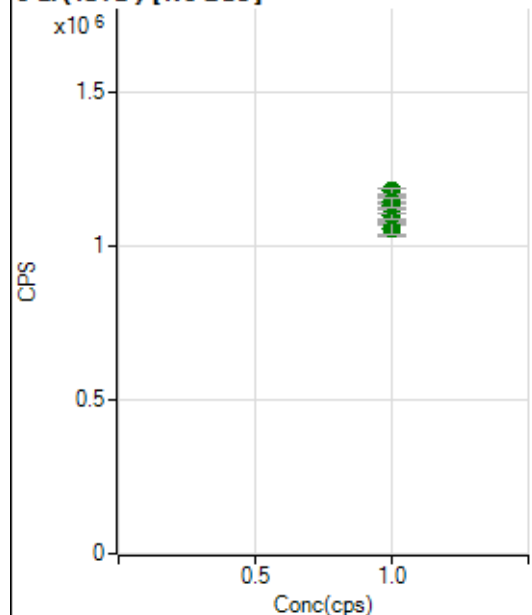
$$R = 1.0000$$

$$DL = 0.002556$$

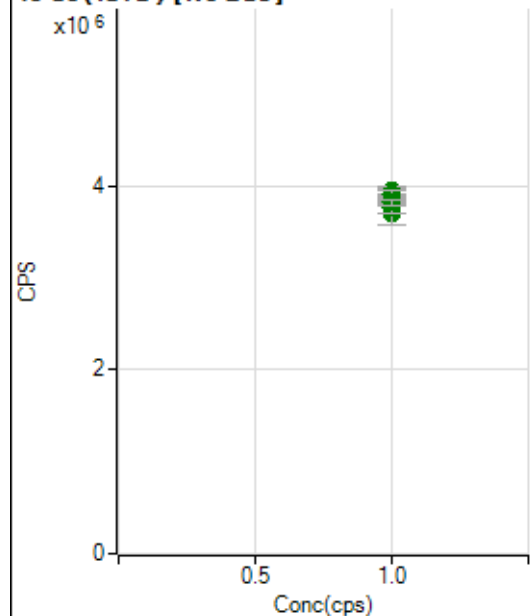
$$BEC = 0.01193$$

Weight: <None>

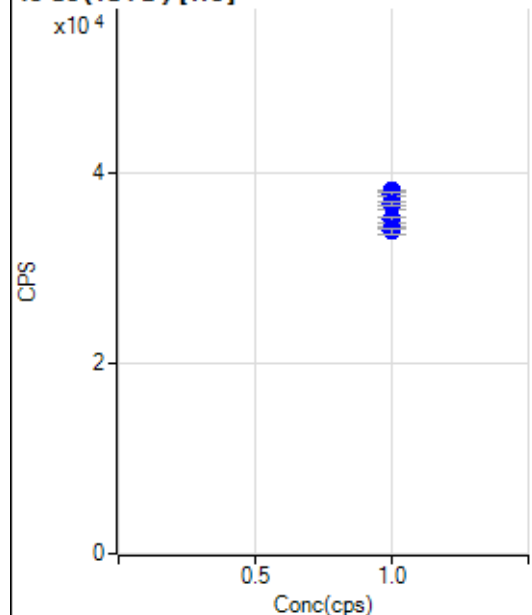
Min Conc: 0

6 Li (ISTD) [No Gas]

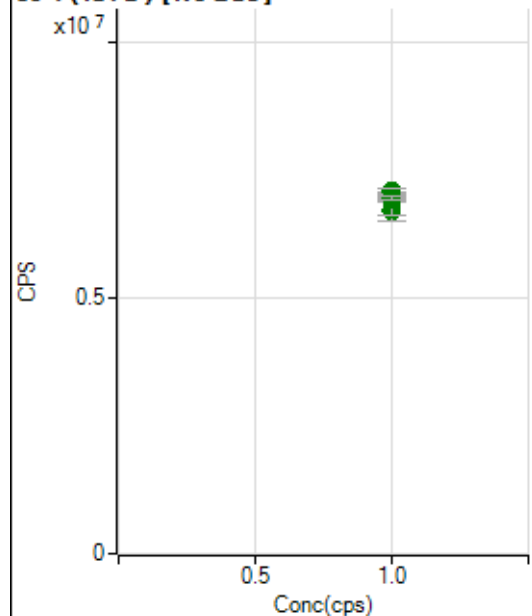
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1070458.22		A	0.8
2	☐	1.000					
3	☐	1.000		1057164.51		A	5.0
4	☐	1.000		1056181.15		A	3.3
5	☐	1.000		1098175.21		A	1.6
6	☐	1.000		1129067.03		A	1.6
7	☐	1.000		1156401.93		A	1.6
8	☐	1.000		1179974.83		A	1.9
9	☐	1.000		1142166.09		A	2.4

45 Sc (ISTD) [No Gas]

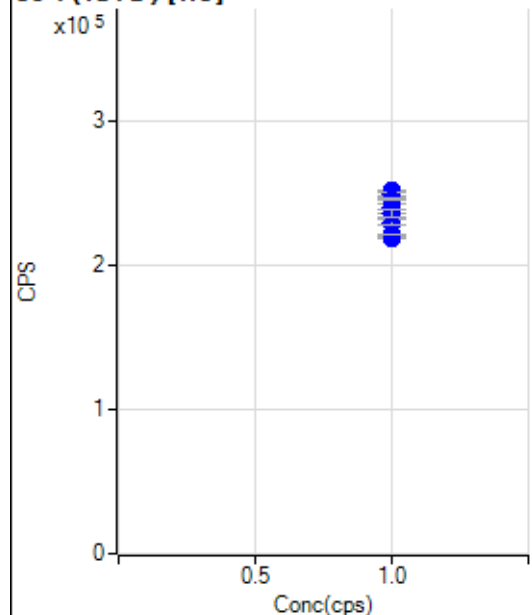
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3804596.40		A	1.1
2	☐	1.000					
3	☐	1.000		3702352.56		A	6.4
4	☐	1.000		3753054.55		A	3.3
5	☐	1.000		3885803.17		A	0.5
6	☐	1.000		3943034.20		A	1.6
7	☐	1.000		3944701.30		A	2.2
8	☐	1.000		3916423.70		A	2.0
9	☐	1.000		3823261.41		A	1.6

45 Sc (ISTD) [He]

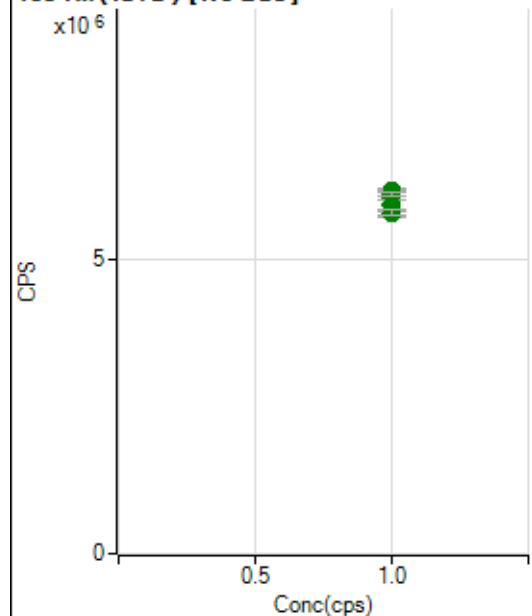
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		38024.90		P	0.2
2	☐	1.000					
3	☐	1.000		35129.65		P	1.9
4	☐	1.000		36601.20		P	2.0
5	☐	1.000		38169.68		P	0.4
6	☐	1.000		37838.84		P	1.2
7	☐	1.000		36753.72		P	1.2
8	☐	1.000		34224.05		P	0.5
9	☐	1.000		33899.95		P	1.6

89 Y (ISTD) [No Gas]

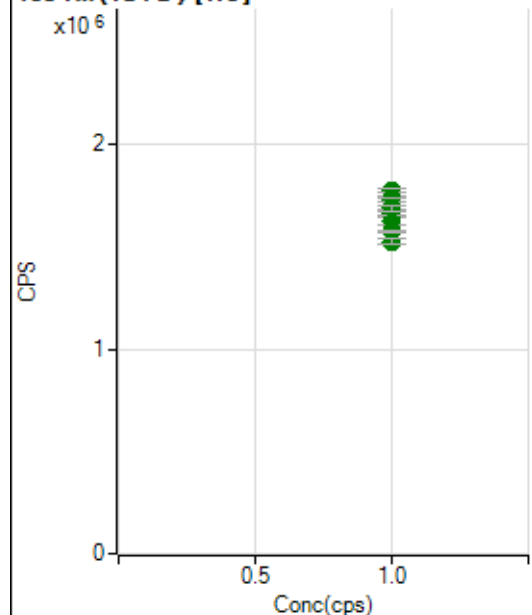
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6940249.90		A	1.0
2	☐	1.000					
3	☐	1.000		6710102.40		A	6.4
4	☐	1.000		6753466.91		A	4.0
5	☐	1.000		6940730.38		A	0.8
6	☐	1.000		7018820.31		A	1.4
7	☐	1.000		7068990.80		A	1.9
8	☐	1.000		7099720.10		A	1.8
9	☐	1.000		6964620.59		A	1.4

89 Y(ISTD) [He]

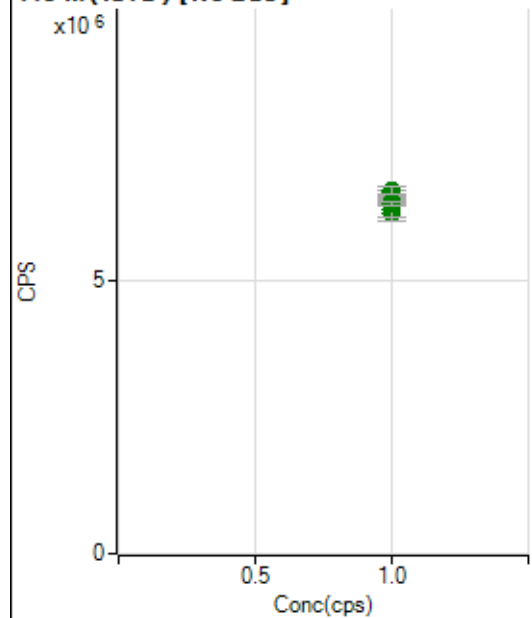
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		252049.69		P	0.6
2	☐	1.000					
3	☐	1.000		230398.23		P	1.7
4	☐	1.000		239927.94		P	2.7
5	☐	1.000		249916.03		P	0.6
6	☐	1.000		246471.15		P	1.0
7	☐	1.000		236590.55		P	1.9
8	☐	1.000		219574.19		P	0.8
9	☐	1.000		221895.99		P	0.0

103 Rh(ISTD) [No Gas]

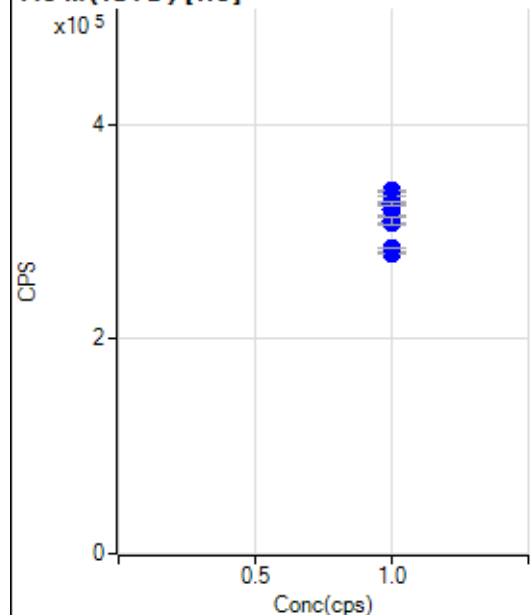
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6179043.89		A	1.2
2	☐	1.000					
3	☐	1.000		5919016.54		A	5.8
4	☐	1.000		5960223.18		A	4.4
5	☐	1.000		6060901.96		A	1.0
6	☐	1.000		6148370.01		A	1.4
7	☐	1.000		6132461.77		A	1.7
8	☐	1.000		6124281.56		A	1.6
9	☐	1.000		5811840.23		A	2.1

103 Rh (ISTD) [He]

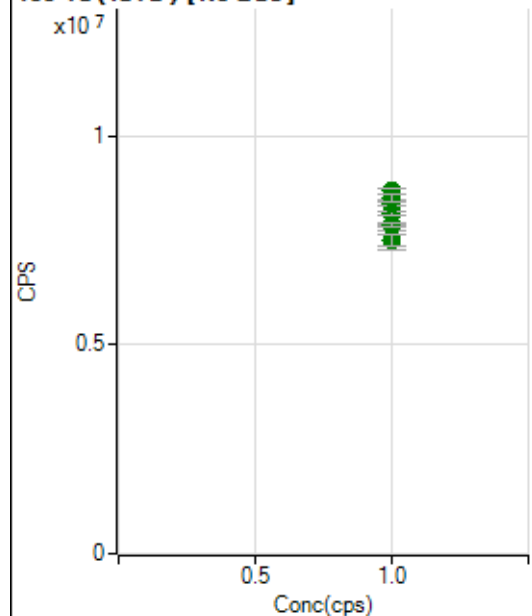
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1773961.29		A	1.0
2	☐	1.000					
3	☐	1.000		1625734.47		A	1.9
4	☐	1.000		1668822.91		A	1.6
5	☐	1.000		1742175.91		A	0.8
6	☐	1.000		1728863.48		A	1.1
7	☐	1.000		1689089.33		A	1.8
8	☐	1.000		1576346.99		A	0.6
9	☐	1.000		1527282.11		A	1.4

115 In (ISTD) [No Gas]

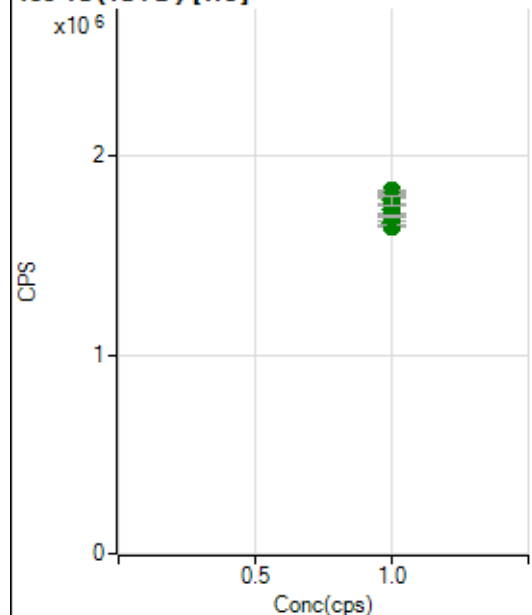
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6524025.63		A	1.2
2	☐	1.000					
3	☐	1.000		6232171.32		A	5.4
4	☐	1.000		6304198.35		A	4.8
5	☐	1.000		6446530.23		A	0.3
6	☐	1.000		6592982.17		A	1.0
7	☐	1.000		6623073.22		A	2.3
8	☐	1.000		6629190.27		A	2.2
9	☐	1.000		6395500.82		A	1.2

115 In (ISTD) [He]

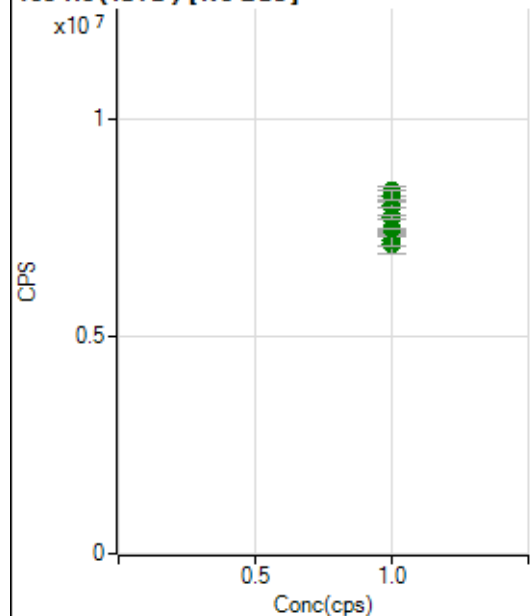
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		337951.07		P	0.9
2	☐	1.000					
3	☐	1.000		307561.40		P	0.9
4	☐	1.000		320777.59		P	3.3
5	☐	1.000		333279.68		P	0.0
6	☐	1.000		325655.16		P	1.1
7	☐	1.000		309779.36		P	2.6
8	☐	1.000		280322.16		P	0.1
9	☐	1.000		284573.79		P	0.4

159 Tb (ISTD) [No Gas]

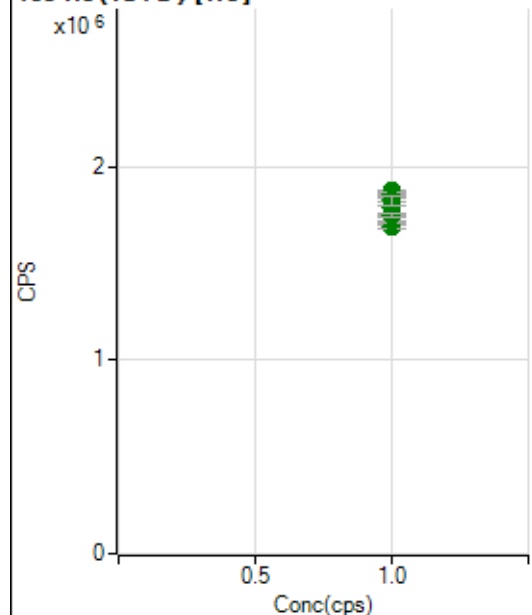
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7804130.02		A	1.7
2	☐	1.000					
3	☐	1.000		7492115.93		A	5.8
4	☐	1.000		7500958.78		A	3.9
5	☐	1.000		7862519.39		A	1.4
6	☐	1.000		8145777.87		A	1.3
7	☐	1.000		8389116.75		A	1.3
8	☐	1.000		8677161.33		A	1.9
9	☐	1.000		8521085.15		A	2.0

159 Tb (ISTD) [He]

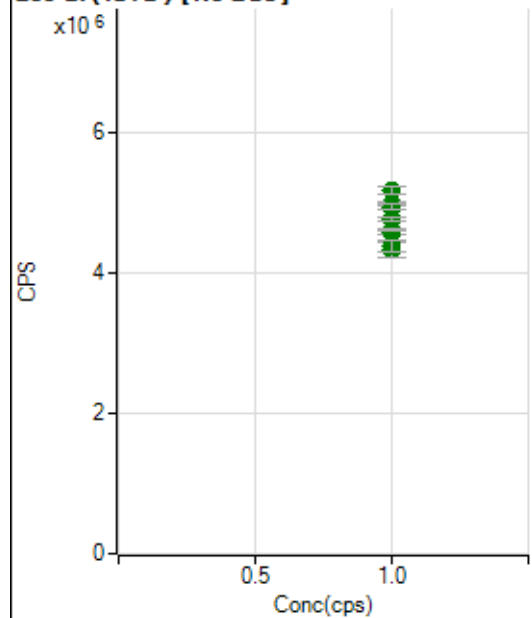
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1824445.37		A	0.4
2	☐	1.000					
3	☐	1.000		1650061.52		A	1.1
4	☐	1.000		1735738.81		A	2.8
5	☐	1.000		1825880.03		A	0.8
6	☐	1.000		1800945.39		A	1.1
7	☐	1.000		1776643.79		A	2.3
8	☐	1.000		1664658.03		A	0.7
9	☐	1.000		1697888.22		A	0.1

165 Ho (ISTD) [No Gas]

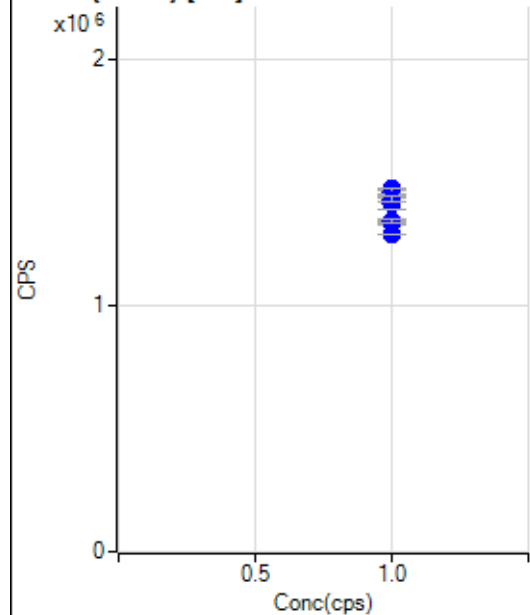
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7406217.09		A	1.1
2	☐	1.000					
3	☐	1.000		7120843.60		A	6.1
4	☐	1.000		7193381.58		A	3.3
5	☐	1.000		7467945.13		A	0.3
6	☐	1.000		7725340.89		A	1.4
7	☐	1.000		8018120.41		A	1.2
8	☐	1.000		8339161.47		A	2.5
9	☐	1.000		8228731.18		A	2.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1864637.06		A	0.4
2	☐	1.000					
3	☐	1.000		1691551.09		A	1.0
4	☐	1.000		1787620.65		A	3.7
5	☐	1.000		1875631.55		A	0.6
6	☐	1.000		1854133.50		A	1.4
7	☐	1.000		1827415.22		A	2.9
8	☐	1.000		1715640.48		A	0.8
9	☐	1.000		1754188.81		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4586255.90		A	1.1
2	☐	1.000					
3	☐	1.000		4325640.91		A	5.4
4	☐	1.000		4392676.88		A	4.0
5	☐	1.000		4609167.71		A	0.6
6	☐	1.000		4766373.72		A	0.8
7	☐	1.000		4994003.99		A	1.2
8	☐	1.000		5170299.61		A	2.2
9	☐	1.000		4941885.69		A	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1470907.17		P	0.1
2	☐	1.000					
3	☐	1.000		1333726.63		P	1.3
4	☐	1.000		1408788.88		P	3.3
5	☐	1.000		1471417.22		P	0.8
6	☐	1.000		1461988.66		P	1.3
7	☐	1.000		1430057.24		P	1.8
8	☐	1.000		1342481.16		P	0.8
9	☐	1.000		1286558.31		P	0.4

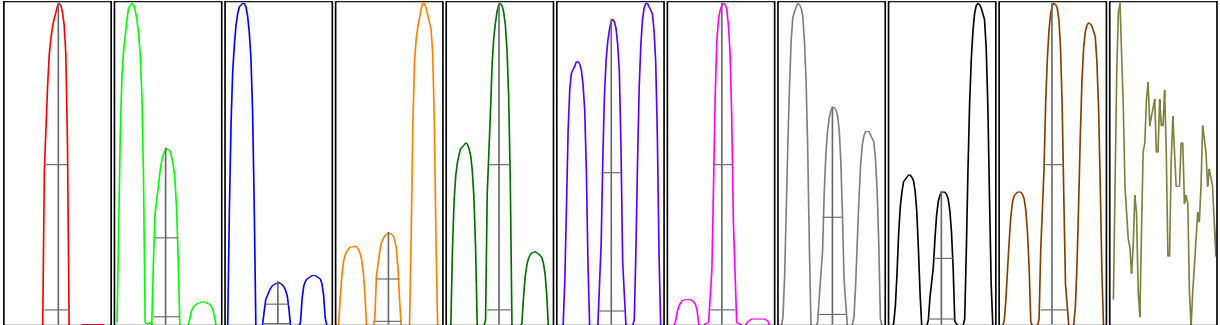
US EPA Tune Check Sample Report

Batch Folder D:\P8092517-MS .b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8193	1.01	5.00	
24	51493	1.10	5.00	
25	6876	1.41	5.00	
26	7725	1.13	5.00	
59	78507	1.05	5.00	
113	10816	1.62	5.00	
115	139726	1.29	5.00	
206	25677	0.70	5.00	
207	23015	0.82	5.00	
208	55472	1.47	5.00	
220	2	14.29		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8255	8287	8206	8120	8098
24	52275	51895	51234	50918	51144
25	6987	6945	6824	6742	6882
26	7809	7788	7683	7593	7752
59	78158	79038	77643	78028	79667
113	10702	10805	10602	10927	11042
115	139189	139412	137382	140329	142317
206	25824	25568	25412	25785	25798
207	23174	22731	22950	23030	23191
208	55467	54169	55582	55740	56402
220	2	2	2	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	13164	9.05	8.9 - 9.1		0.741	0.900	
24	82467	23.95	23.9 - 24.1		0.786	0.900	
25	11014	25.00	24.9 - 25.1		0.786	0.900	
26	12873	26.00	25.9 - 26.1		0.757	0.900	
59	132397	59.00	58.9 - 59.1		0.740	0.900	
113	19808	113.05	112.9 - 113.1		0.729	0.900	
115	253890	115.05	114.9 - 115.1		0.731	0.900	
206	46203	206.05	205.9 - 206.1		0.774	0.900	
207	41245	207.00	206.9 - 207.1		0.746	0.900	
208	99025	208.00	207.9 - 208.1		0.774	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.1	V	Deflect	13.6	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	10956	1.42	
89	2877	1.49	
205	14956	1.02	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11015	10957	10830	10796	11183
89	2900	2909	2833	2828	2915
205	15005	14966	14811	14818	15181

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.1	V	Deflect	2.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:46:18	DataFile Name :	003CALB_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.82	1.64	-0.82	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.02	0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	0.13	-0.02	-0.11	0.00	N/A	ppb
Boron	10-1	0.07	-0.10	0.04	0.00	N/A	ppb
Cadmium	106-1	-0.57	0.44	0.14	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.10	-0.05	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.02	0.01	0.00	N/A	ppb
Calcium	43-1	13.80	-4.25	-9.54	0.00	N/A	ppb
Calcium	44-1	-2.21	1.18	1.03	0.00	N/A	ppb
Chromium	52-2	-0.07	0.07	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	0.02	-0.05	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.11	-0.02	0.13	0.00	N/A	ppb
Iron	57-2	0.01	2.29	-2.30	0.00	N/A	ppb
Lead	206-1	0.00	0.01	-0.02	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-3.13	0.93	2.20	0.00	N/A	ppb
Manganese	55-2	0.00	-0.12	0.12	0.00	N/A	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:46:18	DataFile Name :	003CALB_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	0.06	0.01	0.00	N/A	ppb
Phosphorus	31-2	5.10	-11.62	5.04	-0.49		ppb
Potassium	39-2	-10.22	9.43	0.80	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	2.96	0.00	N/A	ppb
Selenium	78-2	0.01	0.71	-0.72	0.00	N/A	ppb
Selenium	82-1	0.58	-0.59	0.01	0.00	N/A	ppb
Silicon	28-1	0.57	-2.07	1.51	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.85	2.46	-3.31	0.00	N/A	ppb
Strontium	86-1	0.04	0.01	-0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-379.12	-283.20	-138.15	-266.82		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.02	0.01	0.00	N/A	ppb
Titanium	47-1	-0.04	-0.01	0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	-0.05	-0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:46:18	DataFile Name :	003CALB_P8092517-MS

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

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:53:25	DataFile Name :	005CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.69	21.76	16.42	17.96	18.46	ppb
Antimony	121-1	1.99	1.90	1.95	1.95	2.17	ppb
Arsenic	75-2	0.78	0.77	0.80	0.78	1.80	ppb
Barium	135-1	9.23	9.16	9.34	9.24	0.94	ppb
Barium	137-1	9.42	9.37	9.71	9.50	1.93	ppb
Beryllium	9-1	0.97	0.98	0.87	0.94	6.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	22.66	21.72	23.58	22.65	4.10	ppb
Boron	10-1	21.09	23.32	23.51	22.64	5.95	ppb
Cadmium	106-1	-0.14	-0.32	-0.41	-0.29		ppb
Cadmium	108-1	1.12	0.74	0.92	0.92	20.45	ppb
Cadmium	111-1	0.91	0.87	0.98	0.92	5.71	ppb
Calcium	43-1	412.67	416.31	426.49	418.49	1.71	ppb
Calcium	44-1	440.37	439.58	455.81	445.25	2.06	ppb
Chromium	52-2	2.27	1.94	1.92	2.04	9.62	ppb
Cobalt	59-2	0.95	0.89	0.89	0.91	4.05	ppb
Copper	63-2	2.21	2.08	1.95	2.08	6.34	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.93	45.11	45.17	45.74	2.25	ppb
Iron	57-2	42.80	55.71	50.24	49.59	13.07	ppb
Lead	206-1	1.06	1.07	1.13	1.09	3.81	ppb
Lead	207-1	1.09	1.11	1.16	1.12	3.21	ppb
Lead	208-1	1.08	1.08	1.13	1.10	2.64	ppb
Lithium	6-1						%
Magnesium	24-2	452.82	431.82	418.16	434.27	4.02	ppb
Manganese	55-2	0.80	0.96	0.63	0.80	20.62	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:53:25	DataFile Name :	005CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.21	4.28	4.25	4.25	0.80	ppb
Molybdenum	94-1	2.01	1.88	2.03	1.97	4.16	ppb
Molybdenum	95-1	4.11	4.18	4.42	4.23	3.82	ppb
Molybdenum	96-1	3.83	3.68	3.91	3.81	3.16	ppb
Molybdenum	97-1	4.20	4.31	4.57	4.36	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.81	0.84	0.87	8.83	ppb
Phosphorus	31-2	6.83	6.27	-11.62	0.49	2123.81	ppb
Potassium	39-2	490.89	485.46	472.76	483.04	1.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.49	-1.48	8.25	3.42	142.26	ppb
Selenium	78-2	6.55	0.88	7.15	4.86	71.12	ppb
Selenium	82-1	4.03	4.03	4.78	4.28	10.10	ppb
Silicon	28-1	8.29	5.24	29.68	14.40	92.46	ppb
Silver	109-1	1.21	1.31	1.36	1.30	5.98	ppb
Silver	107-1	1.21	1.32	1.36	1.30	6.21	ppb
Sodium	23-2	469.09	445.25	441.19	451.85	3.34	ppb
Strontium	86-1	1.14	0.98	0.92	1.01	11.15	ppb
Strontium	88-1	0.96	0.91	0.94	0.94	2.40	ppb
Sulfur	34-1	-315.82	-193.54	1309.82	266.82	339.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.03	0.93	0.91	0.96	6.90	ppb
Thallium	205-1	0.95	0.97	0.99	0.97	2.29	ppb
Tin	118-1	4.62	4.57	4.74	4.64	1.86	ppb
Titanium	47-1	4.65	4.70	4.00	4.45	8.80	ppb
Uranium	238-1	0.86	0.85	0.86	0.86	0.52	ppb
Vanadium	51-2	4.57	4.57	4.52	4.56	0.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.91	2.06	2.30	2.09	9.53	ppb
Zirconium	90-1	0.88	0.86	0.88	0.87	0.94	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:53:25	DataFile Name :	005CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.89	0.91	0.90	1.18	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:56:53	DataFile Name :	006CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	944.22	941.72	1022.17	969.37	4.72	ppb
Antimony	121-1	55.38	54.95	55.07	55.13	0.40	ppb
Arsenic	75-2	52.19	52.47	51.36	52.01	1.11	ppb
Barium	135-1	270.51	268.79	269.36	269.55	0.33	ppb
Barium	137-1	268.66	269.07	267.61	268.44	0.28	ppb
Beryllium	9-1	56.22	55.97	54.40	55.53	1.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	49.45	50.46	54.00	51.30	4.66	ppb
Boron	10-1	52.39	52.16	52.57	52.37	0.39	ppb
Cadmium	106-1	57.01	59.20	53.84	56.68	4.75	ppb
Cadmium	108-1	54.81	59.67	55.40	56.62	4.69	ppb
Cadmium	111-1	56.28	55.28	56.45	56.00	1.13	ppb
Calcium	43-1	4871.01	5065.53	4907.23	4947.92	2.09	ppb
Calcium	44-1	4982.70	5090.71	5078.92	5050.78	1.17	ppb
Chromium	52-2	51.99	54.28	53.08	53.12	2.15	ppb
Cobalt	59-2	51.41	51.47	52.37	51.75	1.03	ppb
Copper	63-2	101.63	103.18	103.22	102.67	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2593.99	2640.76	2647.33	2627.36	1.11	ppb
Iron	57-2	2554.09	2559.54	2627.32	2580.32	1.58	ppb
Lead	206-1	52.19	52.20	52.47	52.29	0.30	ppb
Lead	207-1	50.78	52.03	51.01	51.27	1.30	ppb
Lead	208-1	51.05	51.91	51.66	51.54	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	5026.98	5058.53	5032.69	5039.40	0.33	ppb
Manganese	55-2	103.76	105.77	103.98	104.50	1.06	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:56:53	DataFile Name :	006CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	48.93	49.10	49.36	49.13	0.44	ppb
Molybdenum	94-1	49.37	49.93	49.51	49.61	0.59	ppb
Molybdenum	95-1	50.31	50.45	50.32	50.36	0.16	ppb
Molybdenum	96-1	48.55	49.99	50.58	49.71	2.09	ppb
Molybdenum	97-1	49.58	49.21	49.17	49.32	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.05	52.00	54.10	53.05	1.99	ppb
Phosphorus	31-2	1099.07	896.46	1090.57	1028.70	11.14	ppb
Potassium	39-2	2642.60	2662.10	2666.44	2657.05	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	36.86	64.77	39.46	47.03	32.78	ppb
Selenium	78-2	53.91	55.49	46.72	52.04	8.98	ppb
Selenium	82-1	50.86	52.37	53.45	52.23	2.50	ppb
Silicon	28-1	64.92	69.87	74.28	69.69	6.72	ppb
Silver	109-1	56.25	56.49	56.37	56.37	0.21	ppb
Silver	107-1	56.22	56.51	56.35	56.36	0.26	ppb
Sodium	23-2	5015.10	4979.94	5082.67	5025.90	1.04	ppb
Strontium	86-1	49.84	50.38	50.94	50.39	1.09	ppb
Strontium	88-1	50.93	51.25	50.92	51.03	0.37	ppb
Sulfur	34-1	925.60	1207.76	1969.54	1367.64	39.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	52.36	51.79	52.63	52.26	0.83	ppb
Thallium	205-1	52.59	52.63	52.76	52.66	0.17	ppb
Tin	118-1	53.42	53.53	53.38	53.44	0.14	ppb
Titanium	47-1	51.32	51.38	50.33	51.01	1.16	ppb
Uranium	238-1	48.61	49.01	49.56	49.06	0.97	ppb
Vanadium	51-2	51.99	53.09	53.66	52.91	1.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.78	103.57	101.07	102.81	1.47	ppb
Zirconium	90-1	50.29	50.28	49.74	50.10	0.63	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:56:53	DataFile Name :	006CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.26	49.87	49.67	49.60	0.62	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:00:21	DataFile Name :	007CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2539.97	2492.82	2498.17	2510.32	1.03	ppb
Antimony	121-1	134.85	140.81	137.83	137.83	2.16	ppb
Arsenic	75-2	128.68	128.67	126.26	127.87	1.09	ppb
Barium	135-1	655.32	675.39	665.34	665.35	1.51	ppb
Barium	137-1	658.26	682.66	667.40	669.44	1.84	ppb
Beryllium	9-1	133.01	137.69	134.34	135.01	1.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	122.95	126.26	127.87	125.69	1.99	ppb
Boron	10-1	122.21	130.72	118.82	123.92	4.95	ppb
Cadmium	106-1	134.70	139.52	136.47	136.90	1.78	ppb
Cadmium	108-1	136.43	140.37	139.73	138.84	1.52	ppb
Cadmium	111-1	137.38	138.99	138.43	138.27	0.59	ppb
Calcium	43-1	12159.82	12334.93	12403.59	12299.45	1.02	ppb
Calcium	44-1	12452.81	12448.37	12552.77	12484.65	0.47	ppb
Chromium	52-2	132.82	133.28	132.45	132.85	0.31	ppb
Cobalt	59-2	129.50	127.36	128.12	128.33	0.84	ppb
Copper	63-2	255.18	253.25	254.31	254.25	0.38	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6552.04	6481.17	6445.37	6492.86	0.84	ppb
Iron	57-2	6550.55	6381.27	6373.39	6435.07	1.56	ppb
Lead	206-1	128.30	128.90	130.84	129.35	1.03	ppb
Lead	207-1	125.68	127.18	127.43	126.76	0.74	ppb
Lead	208-1	127.08	128.47	129.32	128.29	0.88	ppb
Lithium	6-1						%
Magnesium	24-2	12685.15	12601.16	12549.24	12611.85	0.54	ppb
Manganese	55-2	262.18	259.30	258.96	260.15	0.68	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:00:21	DataFile Name :	007CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	124.03	121.79	124.52	123.45	1.18	ppb
Molybdenum	94-1	125.41	124.92	126.43	125.59	0.61	ppb
Molybdenum	95-1	126.26	123.28	126.21	125.25	1.36	ppb
Molybdenum	96-1	124.55	123.69	125.45	124.56	0.70	ppb
Molybdenum	97-1	123.16	122.90	125.37	123.81	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.37	133.37	132.12	133.28	0.85	ppb
Phosphorus	31-2	2461.37	2332.63	2704.83	2499.61	7.56	ppb
Potassium	39-2	6582.47	6510.42	6589.18	6560.69	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	184.31	88.50	123.82	132.21	36.65	ppb
Selenium	78-2	130.11	121.22	132.06	127.80	4.52	ppb
Selenium	82-1	134.49	133.58	132.89	133.65	0.60	ppb
Silicon	28-1	126.27	127.67	132.20	128.71	2.41	ppb
Silver	109-1	137.60	140.41	138.94	138.99	1.01	ppb
Silver	107-1	137.59	140.33	138.98	138.96	0.99	ppb
Sodium	23-2	12731.84	12542.19	12628.09	12634.04	0.75	ppb
Strontium	86-1	126.98	125.49	127.44	126.64	0.81	ppb
Strontium	88-1	128.89	128.42	130.06	129.12	0.65	ppb
Sulfur	34-1	2626.14	2593.00	2612.45	2610.53	0.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	127.65	127.76	129.49	128.30	0.80	ppb
Thallium	205-1	129.69	129.04	131.01	129.91	0.77	ppb
Tin	118-1	128.62	133.56	131.71	131.30	1.90	ppb
Titanium	47-1	127.54	128.45	127.54	127.84	0.41	ppb
Uranium	238-1	124.30	123.63	125.15	124.36	0.61	ppb
Vanadium	51-2	129.82	128.69	130.66	129.72	0.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	259.04	256.45	252.29	255.93	1.33	ppb
Zirconium	90-1	128.53	127.40	128.75	128.23	0.57	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:00:21	DataFile Name :	007CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.19	123.70	124.94	124.28	0.50	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:03:46	DataFile Name :	008CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4917.91	5024.17	4865.40	4935.83	1.64	ppb
Antimony	121-1	272.24	273.45	277.42	274.37	0.99	ppb
Arsenic	75-2	258.56	262.88	261.62	261.02	0.85	ppb
Barium	135-1	1303.00	1318.64	1336.18	1319.27	1.26	ppb
Barium	137-1	1320.94	1316.23	1326.34	1321.17	0.38	ppb
Beryllium	9-1	268.81	259.88	267.45	265.38	1.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	250.48	249.98	253.20	251.22	0.69	ppb
Boron	10-1	241.47	249.58	253.16	248.07	2.41	ppb
Cadmium	106-1	261.73	267.41	272.11	267.09	1.95	ppb
Cadmium	108-1	273.93	276.76	274.22	274.97	0.57	ppb
Cadmium	111-1	268.44	267.06	273.48	269.66	1.25	ppb
Calcium	43-1	24309.88	24020.09	24583.90	24304.62	1.16	ppb
Calcium	44-1	24671.50	24026.28	24703.54	24467.11	1.56	ppb
Chromium	52-2	266.76	266.04	263.69	265.50	0.60	ppb
Cobalt	59-2	257.71	260.18	254.61	257.50	1.08	ppb
Copper	63-2	505.85	515.17	506.32	509.11	1.03	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12905.66	12966.27	12738.41	12870.11	0.92	ppb
Iron	57-2	12937.64	12972.87	12706.40	12872.30	1.12	ppb
Lead	206-1	255.45	254.81	258.78	256.35	0.83	ppb
Lead	207-1	250.61	252.98	254.18	252.59	0.72	ppb
Lead	208-1	257.28	260.61	261.27	259.72	0.82	ppb
Lithium	6-1						%
Magnesium	24-2	25152.15	25746.98	25208.81	25369.31	1.29	ppb
Manganese	55-2	517.03	525.98	515.26	519.42	1.11	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:03:46	DataFile Name :	008CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	258.55	244.24	244.36	249.05	3.30	ppb
Molybdenum	94-1	256.82	252.73	251.67	253.74	1.07	ppb
Molybdenum	95-1	252.31	245.65	251.27	249.74	1.43	ppb
Molybdenum	96-1	249.54	244.16	247.71	247.14	1.11	ppb
Molybdenum	97-1	253.32	246.56	245.13	248.34	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.88	265.17	262.13	263.39	0.60	ppb
Phosphorus	31-2	5390.70	5654.59	5584.44	5543.24	2.47	ppb
Potassium	39-2	13036.19	13216.34	12793.71	13015.41	1.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	332.75	224.20	272.86	276.60	19.66	ppb
Selenium	78-2	269.49	270.40	265.49	268.46	0.97	ppb
Selenium	82-1	268.82	259.49	261.95	263.42	1.84	ppb
Silicon	28-1	255.30	243.44	250.23	249.65	2.38	ppb
Silver	109-1	275.17	271.29	278.55	275.00	1.32	ppb
Silver	107-1	275.28	271.22	278.45	274.98	1.32	ppb
Sodium	23-2	26066.30	26449.60	25480.70	25998.87	1.88	ppb
Strontium	86-1	252.98	248.31	249.99	250.42	0.94	ppb
Strontium	88-1	256.46	250.41	251.72	252.87	1.26	ppb
Sulfur	34-1	5043.16	4456.44	5078.09	4859.23	7.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	255.24	252.49	260.52	256.08	1.59	ppb
Thallium	205-1	262.77	259.30	263.28	261.78	0.83	ppb
Tin	118-1	255.23	257.29	262.05	258.19	1.35	ppb
Titanium	47-1	255.03	247.78	252.77	251.86	1.47	ppb
Uranium	238-1	248.21	242.58	249.15	246.65	1.44	ppb
Vanadium	51-2	260.01	264.06	259.00	261.02	1.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	514.86	512.03	506.73	511.21	0.81	ppb
Zirconium	90-1	256.27	248.15	252.58	252.33	1.61	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:03:46	DataFile Name :	008CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.57	245.36	247.20	247.37	0.85	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:07:04	DataFile Name :	009CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9835.08	10087.00	9797.01	9906.36	1.59	ppb
Antimony	121-1	526.19	543.07	531.02	533.43	1.63	ppb
Arsenic	75-2	517.59	525.53	533.03	525.38	1.47	ppb
Barium	135-1	2547.85	2635.77	2558.70	2580.77	1.86	ppb
Barium	137-1	2539.73	2601.49	2547.83	2563.01	1.31	ppb
Beryllium	9-1	511.55	532.50	522.39	522.14	2.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	481.77	513.45	504.77	500.00	3.27	ppb
Boron	10-1	487.98	504.08	506.12	499.39	1.99	ppb
Cadmium	106-1	523.68	542.46	530.86	532.33	1.78	ppb
Cadmium	108-1	531.59	543.82	527.22	534.21	1.61	ppb
Cadmium	111-1	527.51	537.21	527.15	530.62	1.08	ppb
Calcium	43-1	47121.36	50328.90	49262.12	48904.12	3.34	ppb
Calcium	44-1	47608.69	50577.24	49731.51	49305.82	3.10	ppb
Chromium	52-2	521.32	526.15	534.76	527.41	1.29	ppb
Cobalt	59-2	506.90	514.52	514.89	512.10	0.88	ppb
Copper	63-2	1025.44	1018.23	1033.37	1025.68	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25542.03	25879.14	25823.01	25748.06	0.70	ppb
Iron	57-2	25450.55	25923.47	26115.44	25829.82	1.32	ppb
Lead	206-1	508.00	533.67	520.14	520.60	2.47	ppb
Lead	207-1	506.91	533.22	521.25	520.46	2.53	ppb
Lead	208-1	511.07	531.36	521.32	521.25	1.95	ppb
Lithium	6-1						%
Magnesium	24-2	51014.66	51443.02	52857.56	51771.75	1.86	ppb
Manganese	55-2	1024.91	1027.85	1030.75	1027.83	0.28	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:07:04	DataFile Name :	009CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	491.57	513.31	507.34	504.07	2.23	ppb
Molybdenum	94-1	496.38	517.81	505.29	506.49	2.13	ppb
Molybdenum	95-1	493.83	518.30	505.04	505.72	2.42	ppb
Molybdenum	96-1	495.67	515.95	509.93	507.19	2.05	ppb
Molybdenum	97-1	485.18	504.78	503.27	497.74	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.78	529.73	534.09	528.53	1.18	ppb
Phosphorus	31-2	10501.00	9644.44	11131.69	10425.71	7.16	ppb
Potassium	39-2	25497.75	25763.49	25702.32	25654.52	0.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	432.34	540.66	590.06	521.02	15.48	ppb
Selenium	78-2	491.60	535.53	523.49	516.88	4.39	ppb
Selenium	82-1	514.28	535.72	527.99	526.00	2.06	ppb
Silicon	28-1	480.34	525.09	499.48	501.64	4.48	ppb
Silver	109-1	532.79	540.45	531.24	534.83	0.92	ppb
Silver	107-1	532.85	540.55	531.62	535.01	0.90	ppb
Sodium	23-2	50606.60	51100.00	51259.92	50988.84	0.67	ppb
Strontium	86-1	484.06	510.04	502.55	498.88	2.68	ppb
Strontium	88-1	488.19	513.83	496.84	499.62	2.61	ppb
Sulfur	34-1	9399.67	10439.95	9879.63	9906.42	5.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	510.43	527.45	524.32	520.73	1.74	ppb
Thallium	205-1	508.78	523.35	522.90	518.34	1.60	ppb
Tin	118-1	515.86	524.66	511.61	517.37	1.29	ppb
Titanium	47-1	485.16	513.20	503.99	500.78	2.85	ppb
Uranium	238-1	483.54	504.21	493.67	493.81	2.09	ppb
Vanadium	51-2	515.13	521.15	523.84	520.04	0.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	989.69	997.70	1016.86	1001.42	1.39	ppb
Zirconium	90-1	490.21	509.97	503.34	501.17	2.01	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:07:04	DataFile Name :	009CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.71	505.76	499.67	497.71	1.85	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:10:17	DataFile Name :	010CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19690.87	19723.43	19461.88	19625.39	0.73	ppb
Antimony	121-1	976.40	971.60	978.00	975.33	0.34	ppb
Arsenic	75-2	980.08	985.00	987.20	984.09	0.37	ppb
Barium	135-1	4943.73	4889.37	4975.73	4936.28	0.88	ppb
Barium	137-1	4926.45	4927.99	4978.23	4944.22	0.60	ppb
Beryllium	9-1	981.38	985.22	984.06	983.55	0.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	988.47	996.81	1013.52	999.60	1.28	ppb
Boron	10-1	989.12	999.14	1014.33	1000.86	1.27	ppb
Cadmium	106-1	984.83	964.78	983.62	977.74	1.15	ppb
Cadmium	108-1	988.19	967.02	968.56	974.59	1.21	ppb
Cadmium	111-1	977.97	969.72	985.75	977.81	0.82	ppb
Calcium	43-1	96661.10	97432.39	99990.62	98028.04	1.78	ppb
Calcium	44-1	96652.20	95846.33	99301.05	97266.53	1.86	ppb
Chromium	52-2	982.92	986.94	973.99	981.28	0.68	ppb
Cobalt	59-2	996.39	988.50	989.81	991.57	0.43	ppb
Copper	63-2	1985.78	1994.55	1972.33	1984.22	0.56	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50918.49	50706.61	50572.18	50732.43	0.34	ppb
Iron	57-2	50631.95	51258.45	50710.73	50867.04	0.67	ppb
Lead	206-1	991.48	978.45	992.43	987.45	0.79	ppb
Lead	207-1	994.63	977.19	994.70	988.84	1.02	ppb
Lead	208-1	997.54	974.76	987.06	986.46	1.16	ppb
Lithium	6-1						%
Magnesium	24-2	102319.85	101524.70	99632.16	101158.90	1.36	ppb
Manganese	55-2	1986.33	1986.49	1966.38	1979.73	0.58	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:10:17	DataFile Name :	010CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	999.44	994.63	1001.25	998.44	0.34	ppb
Molybdenum	94-1	992.07	985.69	1009.59	995.78	1.24	ppb
Molybdenum	95-1	1005.00	986.46	1000.00	997.16	0.96	ppb
Molybdenum	96-1	995.05	991.88	1004.67	997.20	0.67	ppb
Molybdenum	97-1	1008.49	989.22	1007.48	1001.73	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.74	988.77	973.08	981.20	0.80	ppb
Phosphorus	31-2	19531.76	19449.61	19968.48	19649.95	1.42	ppb
Potassium	39-2	49669.87	49923.47	49669.95	49754.43	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1111.28	1033.86	801.14	982.10	16.44	ppb
Selenium	78-2	1023.97	960.73	974.79	986.50	3.37	ppb
Selenium	82-1	979.51	977.32	990.54	982.46	0.72	ppb
Silicon	28-1	987.54	980.04	1025.74	997.77	2.46	ppb
Silver	109-1	974.72	959.65	988.43	974.27	1.48	ppb
Silver	107-1	974.21	959.21	989.14	974.19	1.54	ppb
Sodium	23-2	100832.33	100521.35	99616.26	100323.32	0.63	ppb
Strontium	86-1	1000.84	988.27	1011.58	1000.23	1.17	ppb
Strontium	88-1	995.09	989.31	1012.32	998.90	1.20	ppb
Sulfur	34-1	20116.25	19327.42	20705.69	20049.79	3.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	990.80	977.17	994.79	987.59	0.94	ppb
Thallium	205-1	986.71	976.32	998.38	987.14	1.12	ppb
Tin	118-1	990.42	980.10	994.41	988.31	0.75	ppb
Titanium	47-1	991.69	987.29	1017.24	998.74	1.62	ppb
Uranium	238-1	1010.61	997.03	1004.55	1004.06	0.68	ppb
Vanadium	51-2	987.92	993.16	978.39	986.49	0.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1995.34	2015.30	1976.18	1995.61	0.98	ppb
Zirconium	90-1	992.06	993.11	1010.10	998.42	1.01	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:10:17	DataFile Name :	010CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	997.84	992.46	1015.43	1001.91	1.20	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:13:25	DataFile Name :	011CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100278.31	97466.32	102518.00	100087.54	2.53	ppb
Antimony	121-1	2.26	2.30	2.30	2.29	0.99	ppb
Arsenic	75-2	0.24	0.41	0.41	0.35	28.11	ppb
Barium	135-1	1.41	1.59	1.55	1.52	6.40	ppb
Barium	137-1	1.71	1.65	1.62	1.66	2.85	ppb
Beryllium	9-1	0.39	0.37	0.32	0.36	10.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	42.06	39.38	39.51	40.32	3.75	ppb
Boron	10-1	43.01	40.21	37.94	40.39	6.29	ppb
Cadmium	106-1	-2.88	-3.63	-0.82	-2.44		ppb
Cadmium	108-1	0.12	0.04	0.12	0.09	46.42	ppb
Cadmium	111-1	-0.04	-0.12	0.08	-0.03		ppb
Calcium	43-1	501192.09	498165.18	502275.83	500544.37	0.43	ppb
Calcium	44-1	500456.45	497786.99	503684.62	500642.69	0.59	ppb
Chromium	52-2	6.78	7.22	7.61	7.20	5.72	ppb
Cobalt	59-2	1.17	1.08	1.08	1.11	4.75	ppb
Copper	63-2	3.06	3.03	2.95	3.01	1.94	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	253940.86	242818.94	252498.78	249752.86	2.42	ppb
Iron	57-2	254361.25	241438.07	253359.37	249719.56	2.88	ppb
Lead	206-1	1.54	1.65	1.59	1.59	3.56	ppb
Lead	207-1	1.43	1.48	1.50	1.47	2.66	ppb
Lead	208-1	1.55	1.53	1.57	1.55	1.54	ppb
Lithium	6-1						%
Magnesium	24-2	503366.12	485452.53	509889.72	499569.45	2.53	ppb
Manganese	55-2	6.76	6.10	6.38	6.42	5.14	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:13:25	DataFile Name :	011CAL5_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.24	1.27	1.27	1.26	1.51	ppb
Molybdenum	94-1	0.56	0.51	0.53	0.53	4.47	ppb
Molybdenum	95-1	1.30	1.34	1.40	1.35	3.47	ppb
Molybdenum	96-1	1.44	1.44	1.48	1.45	1.70	ppb
Molybdenum	97-1	1.37	1.34	1.15	1.29	9.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.20	2.93	3.35	3.16	6.72	ppb
Phosphorus	31-2	7.26	-11.62	82.97	26.20	191.05	ppb
Potassium	39-2	252420.99	242803.53	254621.24	249948.59	2.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.62	0.19	0.19	-0.08		ppb
Selenium	82-1	-0.50	0.55	0.55	0.20	307.33	ppb
Silicon	28-1	-8.06	-14.82	-10.23	-11.04		ppb
Silver	109-1	0.09	0.09	0.08	0.09	9.45	ppb
Silver	107-1	0.10	0.09	0.08	0.09	10.26	ppb
Sodium	23-2	503664.03	486621.35	509063.46	499782.95	2.34	ppb
Strontium	86-1	33.66	34.03	34.44	34.04	1.15	ppb
Strontium	88-1	34.44	34.36	34.82	34.54	0.71	ppb
Sulfur	34-1	-701.02	-891.31	-549.01	-713.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.37	0.37	0.31	0.35	9.91	ppb
Thallium	205-1	0.40	0.37	0.36	0.38	5.41	ppb
Tin	118-1	0.63	0.60	0.63	0.62	2.63	ppb
Titanium	47-1	0.47	0.45	0.64	0.52	19.78	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	4.58	ppb
Vanadium	51-2	0.19	0.18	0.30	0.22	29.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.37	7.24	7.46	7.36	1.52	ppb
Zirconium	90-1	0.17	0.15	0.16	0.16	6.72	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:13:25	DataFile Name :	011CALS_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.16	0.10	0.13	20.58	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:16:44	DataFile Name :	012ICV01_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	543.47	540.92	535.01	539.80	0.80	ppb
Antimony	121-1	209.72	220.15	205.00	211.63	3.66	ppb
Arsenic	75-2	209.49	209.97	209.48	209.65	0.13	ppb
Barium	135-1	102.51	105.07	97.30	101.63	3.90	ppb
Barium	137-1	103.36	105.31	98.06	102.24	3.67	ppb
Beryllium	9-1	101.15	102.04	98.78	100.66	1.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	611.22	618.40	597.98	609.20	1.70	ppb
Boron	10-1	612.81	608.19	599.93	606.98	1.08	ppb
Cadmium	106-1	168.59	171.72	151.13	163.81	6.77	ppb
Cadmium	108-1	137.54	147.92	136.12	140.53	4.58	ppb
Cadmium	111-1	108.06	111.17	103.15	107.46	3.76	ppb
Calcium	43-1	2097.50	2130.61	2028.61	2085.57	2.49	ppb
Calcium	44-1	2092.39	2126.67	2006.38	2075.15	2.99	ppb
Chromium	52-2	105.45	101.15	102.07	102.89	2.20	ppb
Cobalt	59-2	107.06	102.89	103.49	104.48	2.16	ppb
Copper	63-2	106.84	102.46	102.99	104.10	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1042.06	1006.73	1012.98	1020.59	1.85	ppb
Iron	57-2	1031.02	1029.99	1012.60	1024.54	1.01	ppb
Lead	206-1	208.13	209.71	203.67	207.17	1.51	ppb
Lead	207-1	196.91	199.25	190.69	195.62	2.26	ppb
Lead	208-1	207.18	208.15	200.23	205.18	2.11	ppb
Lithium	6-1						%
Magnesium	24-2	1293.40	1215.36	1255.22	1254.66	3.11	ppb
Manganese	55-2	104.78	100.28	103.16	102.74	2.22	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:16:44	DataFile Name :	012ICV01_P8092517-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	533.51	536.75	509.50	526.59	2.83	ppb
Molybdenum	94-1	522.80	535.63	510.81	523.08	2.37	ppb
Molybdenum	95-1	531.10	542.23	513.41	528.91	2.75	ppb
Molybdenum	96-1	533.85	535.21	508.48	525.85	2.86	ppb
Molybdenum	97-1	517.67	522.44	502.35	514.15	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.97	104.84	107.69	107.83	2.84	ppb
Phosphorus	31-2	6.68	6.33	24.71	12.57	83.61	ppb
Potassium	39-2	2022.19	2024.12	2091.46	2045.92	1.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	256.27	215.31	269.19	246.92	11.39	ppb
Selenium	78-2	222.75	203.14	205.18	210.35	5.13	ppb
Selenium	82-1	205.03	211.03	205.68	207.25	1.59	ppb
Silicon	28-1	490.98	501.38	456.37	482.91	4.88	ppb
Silver	109-1	106.80	110.47	104.14	107.13	2.97	ppb
Silver	107-1	106.73	110.40	104.18	107.10	2.92	ppb
Sodium	23-2	2214.54	2139.01	2172.86	2175.47	1.74	ppb
Strontium	86-1	522.97	532.34	510.05	521.79	2.14	ppb
Strontium	88-1	531.83	530.05	516.50	526.13	1.59	ppb
Sulfur	34-1	-833.55	-955.04	-1844.06	-1210.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	210.32	212.35	205.32	209.33	1.73	ppb
Thallium	205-1	218.24	218.37	214.17	216.93	1.10	ppb
Tin	118-1	551.04	562.68	524.76	546.16	3.56	ppb
Titanium	47-1	522.98	536.17	504.25	521.13	3.08	ppb
Uranium	238-1	540.25	563.11	533.07	545.48	2.88	ppb
Vanadium	51-2	102.96	102.49	103.33	102.92	0.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	208.73	206.39	207.66	207.60	0.56	ppb
Zirconium	90-1	522.88	531.65	505.30	519.94	2.58	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:16:44	DataFile Name :	012ICV01_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	523.95	527.00	507.44	519.46	2.03	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:19:49	DataFile Name :	013CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.00	-0.80	-2.06	0.05	5565.95	ppb
Antimony	121-1	0.18	0.17	0.17	0.17	2.50	ppb
Arsenic	75-2	-0.03	0.02	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.12	0.19	0.17	0.16	22.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	18.27	16.70	16.86	17.28	4.99	ppb
Boron	10-1	17.51	16.99	17.88	17.46	2.57	ppb
Cadmium	106-1	-2.30	-3.25	-2.49	-2.68		ppb
Cadmium	108-1	0.11	-0.02	-0.02	0.02	351.50	ppb
Cadmium	111-1	-0.17	-0.22	-0.17	-0.19		ppb
Calcium	43-1	-44.53	-43.60	-45.14	-44.42		ppb
Calcium	44-1	-11.96	-5.23	-8.94	-8.71		ppb
Chromium	52-2	-0.02	-0.04	0.03	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.25	0.18	0.16	0.20	24.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.32	0.75	0.69	0.92	37.57	ppb
Iron	57-2	0.89	3.19	1.21	1.76	70.58	ppb
Lead	206-1	0.05	0.06	0.06	0.05	12.11	ppb
Lead	207-1	0.04	0.08	0.08	0.06	34.41	ppb
Lead	208-1	0.06	0.07	0.07	0.07	7.96	ppb
Lithium	6-1						%
Magnesium	24-2	-4.02	-0.43	-2.30	-2.25		ppb
Manganese	55-2	-0.14	-0.15	-0.07	-0.12		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:19:49	DataFile Name :	013CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.12	0.11	0.08	0.10	19.88	ppb
Molybdenum	94-1	0.06	0.05	0.05	0.05	7.75	ppb
Molybdenum	95-1	0.12	0.11	0.10	0.11	8.59	ppb
Molybdenum	96-1	0.10	0.10	0.11	0.10	6.13	ppb
Molybdenum	97-1	0.12	0.12	0.10	0.11	12.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.16	0.00	-0.11		ppb
Phosphorus	31-2	5.47	5.35	38.97	16.60	116.77	ppb
Potassium	39-2	16.14	12.28	0.00	9.48	88.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-1.43	-1.43	-0.69	-1.18		ppb
Selenium	82-1	-0.45	-0.06	-0.86	-0.46		ppb
Silicon	28-1	-28.79	-24.32	-25.41	-26.17		ppb
Silver	109-1	0.01	0.01	0.02	0.01	43.17	ppb
Silver	107-1	0.01	0.01	0.02	0.01	48.39	ppb
Sodium	23-2	79.58	83.56	77.84	80.32	3.65	ppb
Strontium	86-1	-0.02	-0.02	-0.07	-0.04		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	116.37	ppb
Sulfur	34-1	-1496.07	-1080.81	-1031.86	-1202.91		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.09	0.08	0.09	9.38	ppb
Thallium	205-1	0.09	0.07	0.09	0.08	9.88	ppb
Tin	118-1	0.16	0.15	0.14	0.15	6.13	ppb
Titanium	47-1	0.00	-0.03	-0.06	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	195.17	ppb
Vanadium	51-2	-0.01	0.00	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.16	0.01	0.12	-0.01		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	11.44	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:19:49	DataFile Name :	013CCBE_P8092517-MS

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

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:22:58	DataFile Name :	014ICSA01_P8092517-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90911.93	90887.71	89837.29	90545.64	0.68	ppb
Antimony	121-1	1.19	1.27	1.21	1.22	3.16	ppb
Arsenic	75-2	0.36	0.38	0.24	0.32	23.97	ppb
Barium	135-1	1.25	1.49	1.38	1.37	8.70	ppb
Barium	137-1	1.41	1.43	1.43	1.42	0.77	ppb
Beryllium	9-1	0.39	0.34	0.41	0.38	9.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	15.20	15.05	13.66	14.64	5.80	ppb
Boron	10-1	13.90	17.70	15.67	15.76	12.06	ppb
Cadmium	106-1	-4.57	-5.46	-3.98	-4.67		ppb
Cadmium	108-1	7.20	7.02	7.65	7.29	4.50	ppb
Cadmium	111-1	-0.02	-0.06	0.00	-0.03		ppb
Calcium	43-1	92227.32	96503.71	96364.67	95031.90	2.56	ppb
Calcium	44-1	92708.03	96447.22	95254.00	94803.08	2.01	ppb
Chromium	52-2	24.03	23.83	23.66	23.84	0.79	ppb
Cobalt	59-2	1.17	1.17	1.22	1.19	2.49	ppb
Copper	63-2	7.71	7.84	8.11	7.89	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98100.80	98093.73	98766.64	98320.39	0.39	ppb
Iron	57-2	98152.59	97980.07	98268.20	98133.62	0.15	ppb
Lead	206-1	4.67	4.65	4.59	4.64	0.85	ppb
Lead	207-1	3.95	4.10	4.08	4.04	2.10	ppb
Lead	208-1	4.21	4.31	4.31	4.28	1.30	ppb
Lithium	6-1						%
Magnesium	24-2	98512.91	99767.25	99422.65	99234.27	0.65	ppb
Manganese	55-2	7.06	7.97	8.01	7.68	6.98	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:22:58	DataFile Name :	014ICSA01_P8092517-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1809.46	1868.20	1894.43	1857.36	2.34	ppb
Molybdenum	94-1	559.17	574.87	581.27	571.77	1.99	ppb
Molybdenum	95-1	1831.70	1863.96	1871.05	1855.57	1.13	ppb
Molybdenum	96-1	1532.08	1562.15	1572.68	1555.64	1.35	ppb
Molybdenum	97-1	1813.07	1868.38	1871.81	1851.09	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.28	7.56	8.02	7.62	4.88	ppb
Phosphorus	31-2	98158.20	95975.94	97300.00	97144.72	1.13	ppb
Potassium	39-2	99851.13	98612.33	98305.24	98922.90	0.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	3.26	-1.48	0.10	2732.05	ppb
Selenium	78-2	-0.68	-1.43	0.08	-0.68		ppb
Selenium	82-1	0.50	-0.09	-0.17	0.08	445.36	ppb
Silicon	28-1	11.36	20.28	16.04	15.90	28.07	ppb
Silver	109-1	0.13	0.16	0.15	0.15	8.32	ppb
Silver	107-1	0.13	0.16	0.14	0.15	8.88	ppb
Sodium	23-2	98382.96	97432.97	96671.32	97495.75	0.88	ppb
Strontium	86-1	31.59	31.96	32.45	32.00	1.35	ppb
Strontium	88-1	31.90	32.91	33.08	32.63	1.96	ppb
Sulfur	34-1	73801.36	76802.22	77296.53	75966.71	2.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.12	0.11	0.11	17.93	ppb
Thallium	205-1	0.10	0.13	0.13	0.12	13.18	ppb
Tin	118-1	0.22	0.21	0.18	0.20	10.57	ppb
Titanium	47-1	1885.84	1895.03	1915.63	1898.83	0.80	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	15.13	ppb
Vanadium	51-2	0.16	0.21	0.12	0.16	28.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.36	11.04	11.42	11.27	1.83	ppb
Zirconium	90-1	0.06	0.05	0.06	0.06	8.66	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:22:58	DataFile Name :	014ICSA01_P8092517-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.02	0.03	44.43	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:26:02	DataFile Name :	015ICSB_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92976.39	89258.79	88494.63	90243.27	2.66	ppb
Antimony	121-1	20.85	21.08	20.96	20.97	0.55	ppb
Arsenic	75-2	19.55	20.78	19.10	19.81	4.39	ppb
Barium	135-1	20.84	21.49	21.17	21.17	1.55	ppb
Barium	137-1	21.41	21.38	21.25	21.35	0.40	ppb
Beryllium	9-1	20.51	20.97	20.59	20.69	1.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	74.23	72.12	72.09	72.81	1.68	ppb
Boron	10-1	75.94	73.76	73.55	74.42	1.78	ppb
Cadmium	106-1	18.37	20.72	17.67	18.92	8.44	ppb
Cadmium	108-1	31.20	28.30	32.23	30.58	6.67	ppb
Cadmium	111-1	19.66	20.38	19.70	19.91	2.02	ppb
Calcium	43-1	95304.02	94780.10	95673.96	95252.69	0.47	ppb
Calcium	44-1	94514.93	94469.40	94777.75	94587.36	0.18	ppb
Chromium	52-2	44.86	42.53	43.40	43.59	2.70	ppb
Cobalt	59-2	22.01	21.35	20.66	21.34	3.18	ppb
Copper	63-2	28.61	28.17	27.65	28.14	1.70	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99597.42	96706.07	96081.14	97461.54	1.92	ppb
Iron	57-2	99825.35	97000.52	95443.46	97423.11	2.28	ppb
Lead	206-1	25.27	25.42	25.46	25.38	0.39	ppb
Lead	207-1	23.22	22.47	22.48	22.72	1.91	ppb
Lead	208-1	23.99	23.77	23.78	23.85	0.51	ppb
Lithium	6-1						%
Magnesium	24-2	102257.74	97476.17	98332.69	99355.53	2.57	ppb
Manganese	55-2	29.30	28.18	26.71	28.06	4.62	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:26:02	DataFile Name :	015ICSB_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1929.99	1909.64	1902.93	1914.19	0.74	ppb
Molybdenum	94-1	625.76	630.81	623.19	626.59	0.62	ppb
Molybdenum	95-1	1897.24	1923.79	1888.90	1903.31	0.96	ppb
Molybdenum	96-1	1599.08	1612.33	1573.51	1594.97	1.24	ppb
Molybdenum	97-1	1919.67	1934.89	1881.73	1912.10	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.78	27.23	26.82	27.61	3.75	ppb
Phosphorus	31-2	100985.81	97627.86	97354.34	98656.00	2.05	ppb
Potassium	39-2	102381.45	98503.53	98346.35	99743.78	2.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.39	8.07	27.46	12.97	98.36	ppb
Selenium	78-2	18.90	16.18	21.78	18.95	14.78	ppb
Selenium	82-1	18.73	19.99	18.65	19.12	3.94	ppb
Silicon	28-1	87.03	82.10	84.03	84.39	2.95	ppb
Silver	109-1	19.36	19.64	19.16	19.39	1.26	ppb
Silver	107-1	19.35	19.64	19.14	19.38	1.30	ppb
Sodium	23-2	100614.89	96647.93	95344.76	97535.86	2.81	ppb
Strontium	86-1	85.76	85.63	84.61	85.33	0.74	ppb
Strontium	88-1	89.37	89.50	87.38	88.75	1.34	ppb
Sulfur	34-1	75984.60	75415.68	74822.88	75407.72	0.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.52	20.66	20.60	20.59	0.34	ppb
Thallium	205-1	20.57	20.73	20.98	20.76	0.98	ppb
Tin	118-1	54.39	54.47	54.15	54.34	0.31	ppb
Titanium	47-1	1965.91	1976.78	1960.93	1967.87	0.41	ppb
Uranium	238-1	54.25	54.67	54.62	54.51	0.42	ppb
Vanadium	51-2	20.87	19.47	19.44	19.92	4.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.50	30.00	31.36	30.95	2.67	ppb
Zirconium	90-1	54.28	53.87	53.32	53.82	0.89	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:26:02	DataFile Name :	015ICSB_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	52.98	53.29	52.37	52.88	0.88	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:35:32	DataFile Name :	018CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49379.92	51456.83	51737.30	50858.01	2.53	ppb
Antimony	121-1	508.36	517.31	526.56	517.41	1.76	ppb
Arsenic	75-2	514.30	508.81	514.58	512.56	0.63	ppb
Barium	135-1	2531.16	2517.99	2573.89	2541.02	1.15	ppb
Barium	137-1	2505.22	2515.60	2538.37	2519.73	0.67	ppb
Beryllium	9-1	522.04	534.19	534.46	530.23	1.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	504.86	520.20	534.56	519.87	2.86	ppb
Boron	10-1	508.50	522.98	526.30	519.26	1.82	ppb
Cadmium	106-1	500.82	502.66	516.30	506.59	1.67	ppb
Cadmium	108-1	500.08	512.62	510.09	507.60	1.31	ppb
Cadmium	111-1	493.04	503.06	503.76	499.95	1.20	ppb
Calcium	43-1	237701.71	239370.53	239905.83	238992.69	0.48	ppb
Calcium	44-1	240012.20	242537.43	240335.53	240961.72	0.57	ppb
Chromium	52-2	531.48	541.97	551.64	541.70	1.86	ppb
Cobalt	59-2	491.15	500.43	507.60	499.73	1.65	ppb
Copper	63-2	952.77	969.39	990.76	970.97	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122227.48	124456.35	126788.62	124490.82	1.83	ppb
Iron	57-2	123384.15	126019.66	127746.12	125716.64	1.75	ppb
Lead	206-1	517.67	527.09	535.10	526.62	1.66	ppb
Lead	207-1	519.20	520.20	526.60	522.00	0.77	ppb
Lead	208-1	520.41	522.65	529.06	524.04	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	244515.10	248590.30	252389.31	248498.24	1.58	ppb
Manganese	55-2	998.84	1027.02	1039.03	1021.63	2.02	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:35:32	DataFile Name :	018CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	507.50	499.48	506.63	504.54	0.87	ppb
Molybdenum	94-1	503.46	504.82	513.62	507.30	1.09	ppb
Molybdenum	95-1	504.84	509.79	507.53	507.39	0.49	ppb
Molybdenum	96-1	503.71	505.98	518.06	509.25	1.51	ppb
Molybdenum	97-1	490.39	490.11	498.22	492.91	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.77	519.29	526.62	518.56	1.63	ppb
Phosphorus	31-2	10269.24	11029.50	10964.78	10754.51	3.92	ppb
Potassium	39-2	123466.66	126561.20	128242.08	126089.98	1.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	448.32	491.22	578.90	506.15	13.15	ppb
Selenium	78-2	508.82	506.99	506.72	507.51	0.22	ppb
Selenium	82-1	506.09	500.93	508.95	505.32	0.80	ppb
Silicon	28-1	488.05	502.36	514.34	501.58	2.62	ppb
Silver	109-1	489.62	494.33	492.85	492.27	0.49	ppb
Silver	107-1	489.47	494.71	492.40	492.19	0.53	ppb
Sodium	23-2	242762.80	244973.24	250473.81	246069.95	1.61	ppb
Strontium	86-1	504.18	499.73	508.37	504.09	0.86	ppb
Strontium	88-1	508.92	506.00	522.65	512.52	1.74	ppb
Sulfur	34-1	8907.49	8992.77	8901.03	8933.77	0.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	520.25	525.81	533.31	526.46	1.25	ppb
Thallium	205-1	523.02	523.16	524.81	523.66	0.19	ppb
Tin	118-1	500.82	499.91	512.51	504.41	1.39	ppb
Titanium	47-1	486.21	496.17	496.09	492.82	1.16	ppb
Uranium	238-1	506.59	511.74	514.49	510.94	0.78	ppb
Vanadium	51-2	508.90	523.57	531.91	521.46	2.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	957.79	973.36	988.91	973.35	1.60	ppb
Zirconium	90-1	498.77	501.72	505.38	501.96	0.66	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:35:32	DataFile Name :	018CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.43	491.10	509.77	499.43	1.90	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:38:31	DataFile Name :	019CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.76	-0.67	-0.70	-0.71		ppb
Antimony	121-1	0.31	0.35	0.34	0.33	6.85	ppb
Arsenic	75-2	-0.01	-0.03	-0.01	-0.02		ppb
Barium	135-1	0.01	-0.01	0.01	0.00	1752.51	ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.23	0.21	0.14	0.20	24.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	20.91	17.90	17.68	18.83	9.57	ppb
Boron	10-1	19.92	17.18	18.22	18.44	7.50	ppb
Cadmium	106-1	-3.38	-3.05	-3.26	-3.23		ppb
Cadmium	108-1	0.06	0.02	-0.02	0.02	196.36	ppb
Cadmium	111-1	-0.24	-0.20	-0.22	-0.22		ppb
Calcium	43-1	-37.91	-50.42	-41.91	-43.42		ppb
Calcium	44-1	-5.44	-11.18	-7.67	-8.10		ppb
Chromium	52-2	0.01	-0.03	0.02	0.00		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	92.89	ppb
Copper	63-2	0.10	0.08	0.02	0.07	59.46	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.66	3.18	2.50	2.78	12.66	ppb
Iron	57-2	1.82	1.84	6.34	3.33	78.21	ppb
Lead	206-1	0.07	0.03	0.04	0.05	39.43	ppb
Lead	207-1	0.06	0.09	0.08	0.07	22.75	ppb
Lead	208-1	0.07	0.06	0.07	0.07	3.08	ppb
Lithium	6-1						%
Magnesium	24-2	0.66	2.29	5.42	2.79	86.59	ppb
Manganese	55-2	-0.12	-0.02	0.15	0.01	2483.87	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:38:31	DataFile Name :	019CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.16	0.17	0.14	0.16	8.09	ppb
Molybdenum	94-1	0.08	0.08	0.06	0.08	13.47	ppb
Molybdenum	95-1	0.15	0.15	0.16	0.16	2.60	ppb
Molybdenum	96-1	0.18	0.11	0.13	0.14	23.99	ppb
Molybdenum	97-1	0.20	0.19	0.16	0.18	13.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.13	-0.13	-0.14		ppb
Phosphorus	31-2	-11.62	-11.62	-11.62	-11.62		ppb
Potassium	39-2	30.88	36.48	31.38	32.91	9.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.30	-1.48	-1.48	0.11	2451.04	ppb
Selenium	78-2	-0.67	-0.60	1.86	0.20	731.02	ppb
Selenium	82-1	-0.37	0.21	0.31	0.05	730.71	ppb
Silicon	28-1	-13.49	-24.64	-22.24	-20.13		ppb
Silver	109-1	0.05	0.04	0.05	0.05	9.88	ppb
Silver	107-1	0.05	0.05	0.05	0.05	9.24	ppb
Sodium	23-2	102.39	109.62	107.46	106.49	3.49	ppb
Strontium	86-1	0.00	-0.05	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	34.76	ppb
Sulfur	34-1	-1135.87	-1316.63	-1005.80	-1152.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.14	0.14	0.14	6.45	ppb
Thallium	205-1	0.14	0.14	0.12	0.13	6.63	ppb
Tin	118-1	0.14	0.11	0.15	0.14	15.59	ppb
Titanium	47-1	0.03	-0.12	-0.03	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.03	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.10	-0.03	-0.12	-0.08		ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	18.62	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:38:31	DataFile Name :	019CCBE_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.04	0.03	31.32	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:41:41	DataFile Name :	020SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.59	18.58	15.47	18.88	18.92	ppb
Antimony	121-1	2.01	2.06	2.14	2.07	3.06	ppb
Arsenic	75-2	0.91	0.79	0.87	0.85	7.28	ppb
Barium	135-1	9.15	8.72	8.86	8.91	2.46	ppb
Barium	137-1	8.99	9.39	9.61	9.33	3.36	ppb
Beryllium	9-1	1.08	1.11	1.20	1.13	5.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	33.04	33.93	34.23	33.73	1.83	ppb
Boron	10-1	31.80	31.06	32.92	31.93	2.94	ppb
Cadmium	106-1	-2.35	-1.90	-2.74	-2.33		ppb
Cadmium	108-1	0.95	0.74	0.92	0.87	13.23	ppb
Cadmium	111-1	0.64	0.82	0.62	0.69	15.73	ppb
Calcium	43-1	386.81	419.13	433.87	413.27	5.82	ppb
Calcium	44-1	431.30	428.63	434.03	431.32	0.63	ppb
Chromium	52-2	2.19	1.94	2.14	2.09	6.31	ppb
Cobalt	59-2	0.82	0.89	0.99	0.90	9.25	ppb
Copper	63-2	2.07	2.09	1.98	2.05	2.82	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.21	46.71	47.08	46.67	0.94	ppb
Iron	57-2	53.31	53.39	48.95	51.88	4.90	ppb
Lead	206-1	1.05	1.01	1.00	1.02	2.59	ppb
Lead	207-1	1.07	0.99	1.00	1.02	4.32	ppb
Lead	208-1	1.05	1.04	0.99	1.02	2.90	ppb
Lithium	6-1						%
Magnesium	24-2	454.54	468.77	429.39	450.90	4.42	ppb
Manganese	55-2	0.90	1.08	1.11	1.03	11.04	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:41:41	DataFile Name :	020SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.44	4.29	4.35	4.36	1.73	ppb
Molybdenum	94-1	1.95	2.05	2.15	2.05	5.06	ppb
Molybdenum	95-1	4.27	4.68	4.56	4.50	4.72	ppb
Molybdenum	96-1	3.69	3.71	3.85	3.75	2.39	ppb
Molybdenum	97-1	4.35	4.31	4.51	4.39	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.93	0.85	0.87	6.40	ppb
Phosphorus	31-2	-11.62	-11.62	-11.62	-11.62		ppb
Potassium	39-2	443.09	450.69	489.33	461.04	5.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	3.32	3.19	1.68	163.12	ppb
Selenium	78-2	4.81	5.50	3.82	4.71	18.02	ppb
Selenium	82-1	4.27	4.18	4.26	4.24	1.15	ppb
Silicon	28-1	-11.61	-14.09	-7.20	-10.97		ppb
Silver	109-1	1.23	1.36	1.32	1.30	4.78	ppb
Silver	107-1	1.23	1.35	1.32	1.30	4.84	ppb
Sodium	23-2	505.86	518.33	492.85	505.68	2.52	ppb
Strontium	86-1	0.81	0.93	0.86	0.87	7.21	ppb
Strontium	88-1	0.95	0.94	0.96	0.95	1.22	ppb
Sulfur	34-1	-1163.71	-1309.44	-587.74	-1020.29		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.04	1.06	1.02	1.04	1.82	ppb
Thallium	205-1	0.99	1.03	0.97	1.00	2.66	ppb
Tin	118-1	4.60	4.82	4.65	4.69	2.46	ppb
Titanium	47-1	4.56	4.42	4.39	4.46	1.97	ppb
Uranium	238-1	0.88	0.87	0.88	0.88	0.73	ppb
Vanadium	51-2	4.89	4.50	4.50	4.63	4.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.42	2.09	1.83	2.12	13.97	ppb
Zirconium	90-1	0.91	0.90	0.89	0.90	0.98	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:41:41	DataFile Name :	020SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.93	0.84	0.87	5.55	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BL	Instrumnet Name :	P8
Client Sample ID :	PB102577BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:44:49	DataFile Name :	021CCBE_P8092517-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.06	6.31	2.22	2.16	193.78	ppb
Antimony	121-1	0.05	0.06	0.05	0.06	0.65	ppb
Arsenic	75-2	-0.03	-0.05	-0.05	-0.04		ppb
Barium	135-1	-0.01	0.01	0.01	0.00	1132.01	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.16	0.18	0.11	0.15	22.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	10.06	9.87	8.83	9.59	6.90	ppb
Boron	10-1	9.03	8.99	9.53	9.19	3.27	ppb
Cadmium	106-1	-5.39	-3.82	-1.93	-3.72		ppb
Cadmium	108-1	0.02	-0.02	-0.09	-0.03		ppb
Cadmium	111-1	-0.38	-0.27	-0.14	-0.26		ppb
Calcium	43-1	-29.37	-54.49	-34.22	-39.36		ppb
Calcium	44-1	-12.31	-13.08	-6.99	-10.79		ppb
Chromium	52-2	0.06	0.00	0.03	0.03	95.24	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.03	0.01	0.03	72.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.16	1.20	1.58	1.31	17.77	ppb
Iron	57-2	3.52	3.62	2.92	3.35	11.27	ppb
Lead	206-1	0.02	0.03	0.04	0.03	30.81	ppb
Lead	207-1	0.04	0.02	0.02	0.02	53.23	ppb
Lead	208-1	0.03	0.03	0.03	0.03	8.15	ppb
Lithium	6-1						%
Magnesium	24-2	4.23	1.54	5.05	3.61	50.92	ppb
Manganese	55-2	-0.04	0.10	0.00	0.02	320.25	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BL	Instrumnet Name :	P8
Client Sample ID :	PB102577BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:44:49	DataFile Name :	021CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.04	0.06	0.05	0.05	23.55	ppb
Molybdenum	94-1	0.01	0.02	0.03	0.02	29.65	ppb
Molybdenum	95-1	0.05	0.06	0.07	0.06	15.41	ppb
Molybdenum	96-1	0.04	0.07	0.04	0.05	28.05	ppb
Molybdenum	97-1	0.06	0.05	0.02	0.04	45.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.16	-0.05	-0.08		ppb
Phosphorus	31-2	6.99	7.24	26.96	13.73	83.45	ppb
Potassium	39-2	25.93	16.36	45.58	29.29	50.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.62	-1.43	1.99	-0.02		ppb
Selenium	82-1	-0.33	-0.27	-0.43	-0.34		ppb
Silicon	28-1	-23.81	-25.41	-12.81	-20.68		ppb
Silver	109-1	0.02	0.02	0.03	0.02	3.70	ppb
Silver	107-1	0.02	0.03	0.03	0.02	4.96	ppb
Sodium	23-2	48.68	62.57	64.38	58.54	14.67	ppb
Strontium	86-1	-0.07	0.07	0.01	0.00	4604.03	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	63.33	ppb
Sulfur	34-1	-781.53	-1011.18	-425.16	-739.29		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.04	0.03	15.12	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	26.57	ppb
Tin	118-1	0.02	0.04	0.03	0.03	35.11	ppb
Titanium	47-1	-0.07	-0.10	0.02	-0.05		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.03	-0.02	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.04	-0.11	0.00	-0.02		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	46.41	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BL	Instrumnet Name :	P8
Client Sample ID :	PB102577BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:44:49	DataFile Name :	021CCBE_P8092517-MS

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

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BS	Instrumnet Name :	P8
Client Sample ID :	PB102577BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:47:59	DataFile Name :	022LCS6_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10120.21	9825.48	9820.53	9922.07	1.73	ppb
Antimony	121-1	533.38	534.90	544.05	537.44	1.07	ppb
Arsenic	75-2	516.81	515.15	518.65	516.87	0.34	ppb
Barium	135-1	2580.65	2610.49	2637.35	2609.50	1.09	ppb
Barium	137-1	2582.49	2596.11	2586.49	2588.36	0.27	ppb
Beryllium	9-1	520.50	511.99	528.49	520.33	1.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	474.52	481.24	506.26	487.34	3.43	ppb
Boron	10-1	472.87	480.27	503.59	485.58	3.30	ppb
Cadmium	106-1	536.44	528.37	532.32	532.38	0.76	ppb
Cadmium	108-1	526.52	524.92	533.30	528.25	0.84	ppb
Cadmium	111-1	521.76	528.40	531.63	527.26	0.96	ppb
Calcium	43-1	48959.14	49474.93	48951.29	49128.45	0.61	ppb
Calcium	44-1	49502.24	49989.09	49698.34	49729.89	0.49	ppb
Chromium	52-2	523.47	517.78	516.17	519.14	0.74	ppb
Cobalt	59-2	511.88	500.77	501.44	504.70	1.24	ppb
Copper	63-2	1038.63	1006.73	1000.13	1015.16	2.03	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25972.58	25605.09	25443.19	25673.62	1.06	ppb
Iron	57-2	25625.54	25482.25	25329.66	25479.15	0.58	ppb
Lead	206-1	518.33	523.31	532.97	524.87	1.42	ppb
Lead	207-1	522.50	512.22	521.83	518.85	1.11	ppb
Lead	208-1	522.61	517.38	529.84	523.28	1.20	ppb
Lithium	6-1						%
Magnesium	24-2	52747.11	50801.51	50749.07	51432.57	2.21	ppb
Manganese	55-2	1027.39	1021.56	1017.70	1022.22	0.48	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BS	Instrumnet Name :	P8
Client Sample ID :	PB102577BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:47:59	DataFile Name :	022LCS6_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	509.51	499.38	508.82	505.90	1.12	ppb
Molybdenum	94-1	510.56	514.18	512.95	512.56	0.36	ppb
Molybdenum	95-1	510.36	502.45	504.33	505.72	0.82	ppb
Molybdenum	96-1	510.16	511.66	510.67	510.83	0.15	ppb
Molybdenum	97-1	493.76	491.27	491.68	492.24	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.89	512.89	514.08	517.29	1.28	ppb
Phosphorus	31-2	10662.55	10360.65	10602.54	10541.91	1.52	ppb
Potassium	39-2	25665.22	25706.08	25478.05	25616.45	0.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	545.27	550.54	575.72	557.18	2.92	ppb
Selenium	78-2	527.61	520.35	517.29	521.75	1.02	ppb
Selenium	82-1	522.56	520.51	519.03	520.70	0.34	ppb
Silicon	28-1	484.01	499.74	486.98	490.24	1.70	ppb
Silver	109-1	534.07	537.33	540.56	537.32	0.60	ppb
Silver	107-1	533.81	537.51	540.58	537.30	0.63	ppb
Sodium	23-2	51413.46	50739.25	50609.00	50920.57	0.85	ppb
Strontium	86-1	501.10	493.78	498.99	497.96	0.76	ppb
Strontium	88-1	505.95	499.36	506.14	503.82	0.77	ppb
Sulfur	34-1	9214.31	9539.49	9245.33	9333.04	1.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	528.62	516.21	535.12	526.65	1.82	ppb
Thallium	205-1	526.63	515.76	534.62	525.67	1.80	ppb
Tin	118-1	517.04	515.04	521.35	517.81	0.62	ppb
Titanium	47-1	500.16	502.53	499.74	500.81	0.30	ppb
Uranium	238-1	495.50	491.14	503.40	496.68	1.25	ppb
Vanadium	51-2	520.49	508.10	511.47	513.35	1.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.96	990.52	985.56	994.68	1.18	ppb
Zirconium	90-1	505.93	499.10	505.68	503.57	0.77	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BS	Instrumnet Name :	P8
Client Sample ID :	PB102577BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:47:59	DataFile Name :	022LCS6_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.02	495.85	504.76	502.21	1.10	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01	Instrumnet Name :	P8
Client Sample ID :	AC01A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:51:04	DataFile Name :	023SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.16	7.61	16.45	13.41	37.46	ppb
Antimony	121-1	0.46	0.45	0.47	0.46	2.61	ppb
Arsenic	75-2	1.23	1.01	1.39	1.21	15.59	ppb
Barium	135-1	30.16	30.38	29.85	30.13	0.89	ppb
Barium	137-1	30.96	29.71	31.01	30.56	2.42	ppb
Beryllium	9-1	0.20	0.12	0.18	0.16	25.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	93.43	92.90	95.73	94.02	1.60	ppb
Boron	10-1	93.99	95.86	97.84	95.89	2.01	ppb
Cadmium	106-1	-3.79	-4.60	-4.31	-4.23		ppb
Cadmium	108-1	0.01	0.14	0.19	0.11	81.31	ppb
Cadmium	111-1	-0.20	-0.28	-0.26	-0.25		ppb
Calcium	43-1	76942.34	78750.48	77594.53	77762.45	1.18	ppb
Calcium	44-1	76532.57	76500.68	77472.37	76835.21	0.72	ppb
Chromium	52-2	1.67	1.70	1.64	1.67	1.84	ppb
Cobalt	59-2	0.33	0.32	0.34	0.33	2.75	ppb
Copper	63-2	132.48	129.42	129.60	130.50	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	17.36	17.70	18.05	17.71	1.94	ppb
Iron	57-2	17.24	21.25	16.82	18.44	13.25	ppb
Lead	206-1	0.21	0.22	0.22	0.21	3.49	ppb
Lead	207-1	0.27	0.25	0.27	0.26	5.11	ppb
Lead	208-1	0.24	0.24	0.24	0.24	1.63	ppb
Lithium	6-1						%
Magnesium	24-2	28205.15	27419.28	27500.85	27708.43	1.56	ppb
Manganese	55-2	0.47	0.06	0.51	0.35	71.16	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01	Instrumnet Name :	P8
Client Sample ID :	AC01A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:51:04	DataFile Name :	023SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.57	0.50	0.55	0.54	7.37	ppb
Molybdenum	94-1	0.26	0.23	0.25	0.25	4.50	ppb
Molybdenum	95-1	0.60	0.49	0.62	0.57	12.29	ppb
Molybdenum	96-1	0.52	0.44	0.48	0.48	7.69	ppb
Molybdenum	97-1	0.52	0.55	0.54	0.54	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.83	0.82	0.77	11.75	ppb
Phosphorus	31-2	54.07	21.07	38.44	37.86	43.61	ppb
Potassium	39-2	1439.89	1410.46	1411.09	1420.48	1.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.91	-1.48	-1.48	-0.02		ppb
Selenium	78-2	3.50	0.75	0.04	1.43	127.83	ppb
Selenium	82-1	1.08	-0.56	-0.34	0.06	1443.68	ppb
Silicon	28-1	10294.76	10387.82	10244.69	10309.09	0.70	ppb
Silver	109-1	0.41	0.45	0.48	0.45	7.24	ppb
Silver	107-1	0.42	0.45	0.48	0.45	6.88	ppb
Sodium	23-2	28249.91	28045.96	27794.36	28030.08	0.81	ppb
Strontium	86-1	252.72	256.33	255.50	254.85	0.74	ppb
Strontium	88-1	262.53	263.03	263.03	262.86	0.11	ppb
Sulfur	34-1	12160.93	12245.45	12357.32	12254.57	0.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.31	0.27	0.25	0.28	11.25	ppb
Thallium	205-1	0.29	0.27	0.28	0.28	3.10	ppb
Tin	118-1	0.25	0.23	0.24	0.24	4.35	ppb
Titanium	47-1	0.26	0.37	0.32	0.31	17.27	ppb
Uranium	238-1	2.05	1.92	1.98	1.98	3.33	ppb
Vanadium	51-2	2.77	2.72	3.11	2.87	7.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	72.64	70.43	71.91	71.66	1.57	ppb
Zirconium	90-1	0.11	0.11	0.11	0.11	3.42	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01	Instrumnet Name :	P8
Client Sample ID :	AC01A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:51:04	DataFile Name :	023SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.14	0.12	0.11	35.72	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUP	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:54:11	DataFile Name :	024SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.15	6.49	6.64	9.42	52.59	ppb
Antimony	121-1	0.27	0.29	0.29	0.28	4.02	ppb
Arsenic	75-2	1.06	0.87	1.15	1.03	13.77	ppb
Barium	135-1	30.61	30.87	30.12	30.53	1.25	ppb
Barium	137-1	30.57	30.58	30.26	30.47	0.59	ppb
Beryllium	9-1	0.10	0.10	0.09	0.10	10.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	89.25	89.46	89.39	89.37	0.12	ppb
Boron	10-1	89.36	87.73	86.73	87.94	1.51	ppb
Cadmium	106-1	-3.74	-4.89	-4.50	-4.38		ppb
Cadmium	108-1	0.01	-0.06	0.08	0.01	624.26	ppb
Cadmium	111-1	-0.22	-0.31	-0.27	-0.27		ppb
Calcium	43-1	78337.90	77794.99	77158.70	77763.86	0.76	ppb
Calcium	44-1	77478.25	76575.65	76456.15	76836.68	0.73	ppb
Chromium	52-2	1.58	1.51	1.52	1.54	2.55	ppb
Cobalt	59-2	0.30	0.30	0.31	0.30	0.66	ppb
Copper	63-2	131.33	129.67	128.65	129.88	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	16.94	17.84	16.80	17.20	3.29	ppb
Iron	57-2	25.88	20.76	18.51	21.72	17.39	ppb
Lead	206-1	0.21	0.14	0.18	0.18	19.31	ppb
Lead	207-1	0.20	0.18	0.18	0.19	5.50	ppb
Lead	208-1	0.19	0.17	0.17	0.18	6.90	ppb
Lithium	6-1						%
Magnesium	24-2	27915.16	27520.89	27738.75	27724.93	0.71	ppb
Manganese	55-2	0.16	0.37	0.32	0.28	39.33	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUP	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:54:11	DataFile Name :	024SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.49	0.47	0.49	0.48	2.33	ppb
Molybdenum	94-1	0.22	0.21	0.23	0.22	4.52	ppb
Molybdenum	95-1	0.57	0.48	0.43	0.49	13.58	ppb
Molybdenum	96-1	0.40	0.45	0.43	0.43	7.03	ppb
Molybdenum	97-1	0.49	0.46	0.46	0.47	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.71	0.95	0.85	14.39	ppb
Phosphorus	31-2	21.63	-11.62	5.17	5.06	328.57	ppb
Potassium	39-2	1354.71	1351.10	1407.82	1371.21	2.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.02	0.75	-0.68	0.03	2473.97	ppb
Selenium	82-1	0.70	0.66	0.16	0.51	59.53	ppb
Silicon	28-1	10394.17	10261.71	10334.84	10330.24	0.64	ppb
Silver	109-1	0.32	0.38	0.36	0.35	8.86	ppb
Silver	107-1	0.32	0.38	0.36	0.35	8.93	ppb
Sodium	23-2	27997.13	28020.21	27889.14	27968.83	0.25	ppb
Strontium	86-1	257.01	256.66	257.80	257.15	0.23	ppb
Strontium	88-1	264.95	265.00	264.60	264.85	0.08	ppb
Sulfur	34-1	12206.08	11919.88	12201.87	12109.28	1.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.06	0.05	0.05	11.18	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	9.77	ppb
Tin	118-1	0.10	0.14	0.10	0.11	18.09	ppb
Titanium	47-1	0.31	0.37	0.40	0.36	12.89	ppb
Uranium	238-1	2.03	2.05	1.97	2.02	2.13	ppb
Vanadium	51-2	2.83	2.74	2.79	2.79	1.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	73.26	72.14	71.62	72.34	1.16	ppb
Zirconium	90-1	0.12	0.11	0.09	0.11	12.43	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUP	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:54:11	DataFile Name :	024SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.07	0.13	0.12	34.23	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LX5	Instrumnet Name :	P8
Client Sample ID :	AC01A1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-25 12:57:19	DataFile Name :	025SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.80	-0.73	4.51	1.86	140.92	ppb
Antimony	121-1	0.11	0.10	0.10	0.10	5.31	ppb
Arsenic	75-2	0.09	0.15	0.21	0.15	37.59	ppb
Barium	135-1	6.21	6.07	6.23	6.17	1.45	ppb
Barium	137-1	6.34	6.07	6.36	6.26	2.57	ppb
Beryllium	9-1	0.06	0.02	0.12	0.07	76.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	27.31	28.61	29.02	28.31	3.16	ppb
Boron	10-1	28.68	28.79	28.24	28.57	1.02	ppb
Cadmium	106-1	-3.56	-4.44	-4.37	-4.12		ppb
Cadmium	108-1	0.01	0.01	0.06	0.03	94.57	ppb
Cadmium	111-1	-0.25	-0.32	-0.31	-0.29		ppb
Calcium	43-1	15653.56	15488.95	15442.89	15528.47	0.71	ppb
Calcium	44-1	15819.97	15778.80	15966.07	15854.95	0.62	ppb
Chromium	52-2	0.28	0.31	0.30	0.30	4.09	ppb
Cobalt	59-2	0.08	0.07	0.09	0.08	12.87	ppb
Copper	63-2	26.33	26.86	26.63	26.61	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.18	4.36	4.30	4.28	2.18	ppb
Iron	57-2	3.37	3.64	7.21	4.74	45.19	ppb
Lead	206-1	0.03	0.04	0.01	0.02	68.78	ppb
Lead	207-1	0.04	0.06	0.02	0.04	50.83	ppb
Lead	208-1	0.03	0.04	0.02	0.03	33.44	ppb
Lithium	6-1						%
Magnesium	24-2	5629.97	5696.75	5539.61	5622.11	1.40	ppb
Manganese	55-2	0.11	0.06	0.10	0.09	27.95	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LX5	Instrumnet Name :	P8
Client Sample ID :	AC01A1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-25 12:57:19	DataFile Name :	025SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.11	0.09	0.10	10.13	ppb
Molybdenum	94-1	0.04	0.08	0.05	0.05	38.00	ppb
Molybdenum	95-1	0.09	0.12	0.13	0.11	16.46	ppb
Molybdenum	96-1	0.10	0.08	0.11	0.10	16.29	ppb
Molybdenum	97-1	0.11	0.15	0.17	0.14	21.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.07	0.03	0.06	37.03	ppb
Phosphorus	31-2	57.84	42.27	23.89	41.34	41.11	ppb
Potassium	39-2	280.40	291.84	263.61	278.62	5.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.09	-1.43	-1.43	-0.92		ppb
Selenium	82-1	-0.04	-0.36	-0.55	-0.32		ppb
Silicon	28-1	2109.49	2077.75	2095.22	2094.16	0.76	ppb
Silver	109-1	0.12	0.11	0.14	0.12	11.72	ppb
Silver	107-1	0.12	0.11	0.14	0.13	12.67	ppb
Sodium	23-2	5468.11	5651.11	5517.65	5545.62	1.71	ppb
Strontium	86-1	51.92	50.62	51.57	51.37	1.30	ppb
Strontium	88-1	54.00	52.54	53.21	53.25	1.37	ppb
Sulfur	34-1	1441.51	1369.72	1814.60	1541.94	15.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	497.79	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	21.53	ppb
Tin	118-1	0.04	0.04	0.04	0.04	7.09	ppb
Titanium	47-1	0.01	0.05	0.00	0.02	135.83	ppb
Uranium	238-1	0.39	0.38	0.39	0.39	1.27	ppb
Vanadium	51-2	0.67	0.47	0.60	0.58	17.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	14.20	14.88	13.69	14.26	4.18	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	16.61	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LX5	Instrumnet Name :	P8
Client Sample ID :	AC01A1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-25 12:57:19	DataFile Name :	025SMPL_P8092517-MS

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

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MS	Instrumnet Name :	P8
Client Sample ID :	AC01A1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:00:26	DataFile Name :	026SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9739.56	9871.06	9670.76	9760.46	1.04	ppb
Antimony	121-1	540.94	540.30	543.21	541.48	0.28	ppb
Arsenic	75-2	533.74	533.68	531.29	532.91	0.26	ppb
Barium	135-1	2666.35	2659.10	2671.81	2665.75	0.24	ppb
Barium	137-1	2654.82	2632.54	2642.08	2643.15	0.42	ppb
Beryllium	9-1	546.86	539.35	542.15	542.79	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	573.75	587.26	590.68	583.90	1.53	ppb
Boron	10-1	578.83	575.25	588.31	580.80	1.16	ppb
Cadmium	106-1	541.25	540.14	534.50	538.63	0.67	ppb
Cadmium	108-1	533.46	541.29	537.21	537.32	0.73	ppb
Cadmium	111-1	533.03	534.53	532.71	533.42	0.18	ppb
Calcium	43-1	128881.44	129142.25	128334.18	128785.96	0.32	ppb
Calcium	44-1	128075.99	128669.81	128429.58	128391.79	0.23	ppb
Chromium	52-2	537.55	532.18	532.91	534.21	0.55	ppb
Cobalt	59-2	514.18	506.34	509.65	510.06	0.77	ppb
Copper	63-2	1150.92	1140.96	1150.45	1147.44	0.49	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25534.83	25193.82	25266.23	25331.63	0.71	ppb
Iron	57-2	25556.99	25039.59	25188.05	25261.55	1.05	ppb
Lead	206-1	535.62	537.01	531.84	534.82	0.50	ppb
Lead	207-1	535.05	533.40	525.48	531.31	0.96	ppb
Lead	208-1	535.05	544.24	532.17	537.15	1.17	ppb
Lithium	6-1						%
Magnesium	24-2	80462.20	80074.81	80925.07	80487.36	0.53	ppb
Manganese	55-2	1044.63	1021.08	1024.95	1030.22	1.23	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MS	Instrumnet Name :	P8
Client Sample ID :	AC01A1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:00:26	DataFile Name :	026SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	514.05	509.32	511.65	511.67	0.46	ppb
Molybdenum	94-1	498.46	492.58	497.21	496.08	0.63	ppb
Molybdenum	95-1	510.35	516.37	515.37	514.03	0.63	ppb
Molybdenum	96-1	509.84	504.53	510.20	508.19	0.62	ppb
Molybdenum	97-1	496.88	496.00	498.32	497.07	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.25	522.25	525.58	524.36	0.35	ppb
Phosphorus	31-2	3.88	19.06	34.83	19.26	80.38	ppb
Potassium	39-2	26995.05	26903.56	26865.96	26921.52	0.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	583.20	534.22	573.84	563.75	4.61	ppb
Selenium	78-2	551.64	550.51	545.97	549.37	0.55	ppb
Selenium	82-1	530.87	537.97	540.74	536.52	0.95	ppb
Silicon	28-1	10430.26	10425.57	10426.19	10427.34	0.02	ppb
Silver	109-1	576.82	574.61	575.01	575.48	0.20	ppb
Silver	107-1	577.30	574.35	574.66	575.44	0.28	ppb
Sodium	23-2	78699.20	78068.14	78017.91	78261.75	0.49	ppb
Strontium	86-1	763.00	750.42	759.35	757.59	0.85	ppb
Strontium	88-1	759.73	758.23	761.29	759.75	0.20	ppb
Sulfur	34-1	12010.04	12353.07	12390.61	12251.24	1.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	554.54	549.38	542.74	548.89	1.08	ppb
Thallium	205-1	551.49	546.57	536.92	544.99	1.36	ppb
Tin	118-1	530.56	532.24	526.85	529.88	0.52	ppb
Titanium	47-1	506.10	505.18	503.47	504.92	0.26	ppb
Uranium	238-1	502.04	501.76	492.58	498.79	1.08	ppb
Vanadium	51-2	526.63	521.45	526.34	524.80	0.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1068.60	1067.60	1058.29	1064.83	0.53	ppb
Zirconium	90-1	490.38	484.96	490.07	488.47	0.62	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MS	Instrumnet Name :	P8
Client Sample ID :	AC01A1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:00:26	DataFile Name :	026SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.23	482.46	483.14	484.28	0.53	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSD	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:03:26	DataFile Name :	027SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9957.68	9639.35	10104.24	9900.42	2.40	ppb
Antimony	121-1	551.95	677.43	544.28	591.22	12.64	ppb
Arsenic	75-2	541.65	544.84	546.18	544.23	0.43	ppb
Barium	135-1	2669.56	3327.27	2669.37	2888.73	13.15	ppb
Barium	137-1	2672.28	3295.18	2662.32	2876.59	12.60	ppb
Beryllium	9-1	546.62	678.34	551.24	592.07	12.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	593.45	742.56	615.06	650.36	12.39	ppb
Boron	10-1	604.00	738.79	607.92	650.24	11.80	ppb
Cadmium	106-1	545.45	669.81	534.50	583.25	12.89	ppb
Cadmium	108-1	537.86	673.46	548.38	586.57	12.86	ppb
Cadmium	111-1	539.26	661.15	535.96	578.79	12.33	ppb
Calcium	43-1	127847.57	159253.55	128326.10	138475.74	13.00	ppb
Calcium	44-1	127706.57	161106.45	127654.22	138822.42	13.90	ppb
Chromium	52-2	551.81	542.50	550.89	548.40	0.94	ppb
Cobalt	59-2	523.57	515.46	525.72	521.59	1.04	ppb
Copper	63-2	1186.71	1174.99	1187.40	1183.03	0.59	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26167.12	25456.71	26026.11	25883.31	1.45	ppb
Iron	57-2	26063.13	25395.94	25788.27	25749.11	1.30	ppb
Lead	206-1	537.30	684.66	540.73	587.56	14.31	ppb
Lead	207-1	537.04	677.68	551.98	588.90	13.12	ppb
Lead	208-1	539.99	683.28	542.50	588.59	13.93	ppb
Lithium	6-1						%
Magnesium	24-2	82022.57	80710.77	81642.70	81458.68	0.83	ppb
Manganese	55-2	1052.69	1045.20	1063.00	1053.63	0.85	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSD	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:03:26	DataFile Name :	027SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	524.40	661.90	520.36	568.89	14.16	ppb
Molybdenum	94-1	503.47	635.77	504.41	547.88	13.89	ppb
Molybdenum	95-1	524.79	653.94	522.88	567.20	13.25	ppb
Molybdenum	96-1	517.35	660.11	526.24	567.90	14.08	ppb
Molybdenum	97-1	508.53	640.87	506.60	552.00	13.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.28	532.26	538.00	537.18	0.85	ppb
Phosphorus	31-2	56.17	71.60	84.67	70.81	20.15	ppb
Potassium	39-2	27890.98	27206.80	27796.82	27631.53	1.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	613.43	533.95	537.02	561.47	8.02	ppb
Selenium	78-2	588.81	576.54	538.90	568.08	4.58	ppb
Selenium	82-1	552.60	681.15	544.57	592.77	12.93	ppb
Silicon	28-1	10363.36	13046.96	10380.22	11263.51	13.71	ppb
Silver	109-1	581.19	715.73	578.73	625.22	12.54	ppb
Silver	107-1	581.39	715.17	578.77	625.11	12.48	ppb
Sodium	23-2	81285.05	78978.58	80799.05	80354.23	1.51	ppb
Strontium	86-1	767.71	957.82	757.45	827.66	13.63	ppb
Strontium	88-1	762.46	954.14	758.76	825.12	13.54	ppb
Sulfur	34-1	11616.27	18409.51	11705.59	13910.46	28.01	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	556.01	709.51	557.19	607.57	14.53	ppb
Thallium	205-1	551.72	695.65	552.90	600.09	13.79	ppb
Tin	118-1	533.03	653.63	527.07	571.25	12.50	ppb
Titanium	47-1	513.35	643.85	518.96	558.72	13.20	ppb
Uranium	238-1	502.23	631.18	503.81	545.74	13.56	ppb
Vanadium	51-2	540.19	528.83	537.96	535.66	1.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1085.08	1064.27	1092.37	1080.58	1.35	ppb
Zirconium	90-1	492.32	618.24	497.66	536.08	13.28	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSD	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:03:26	DataFile Name :	027SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.18	615.27	485.93	530.79	13.79	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01A	Instrumnet Name :	P8
Client Sample ID :	AC01A1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:06:26	DataFile Name :	028SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9618.86	9730.09	9844.95	9731.30	1.16	ppb
Antimony	121-1	545.93	543.44	543.59	544.32	0.26	ppb
Arsenic	75-2	543.51	537.71	537.15	539.45	0.65	ppb
Barium	135-1	2643.64	2630.78	2630.64	2635.02	0.28	ppb
Barium	137-1	2625.09	2651.35	2648.52	2641.65	0.55	ppb
Beryllium	9-1	545.32	539.36	542.55	542.41	0.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	591.47	600.25	603.03	598.25	1.01	ppb
Boron	10-1	603.73	597.28	601.08	600.70	0.54	ppb
Cadmium	106-1	532.81	526.30	525.69	528.27	0.75	ppb
Cadmium	108-1	537.86	530.59	540.47	536.31	0.96	ppb
Cadmium	111-1	530.36	531.23	528.74	530.11	0.24	ppb
Calcium	43-1	127699.80	128053.64	127005.67	127586.37	0.42	ppb
Calcium	44-1	126823.37	128073.71	126693.60	127196.89	0.60	ppb
Chromium	52-2	543.16	545.60	533.58	540.78	1.18	ppb
Cobalt	59-2	516.65	520.58	512.39	516.54	0.79	ppb
Copper	63-2	1170.92	1199.48	1151.15	1173.85	2.07	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25480.23	25902.78	25284.87	25555.96	1.24	ppb
Iron	57-2	25401.01	25815.95	25235.17	25484.04	1.17	ppb
Lead	206-1	538.86	531.70	545.54	538.70	1.28	ppb
Lead	207-1	542.45	535.34	542.13	539.97	0.74	ppb
Lead	208-1	540.93	533.95	542.74	539.21	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	81587.21	81588.67	80511.18	81229.02	0.77	ppb
Manganese	55-2	1029.08	1042.58	1017.65	1029.77	1.21	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01A	Instrumnet Name :	P8
Client Sample ID :	AC01A1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:06:26	DataFile Name :	028SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	516.34	514.86	511.50	514.23	0.48	ppb
Molybdenum	94-1	501.68	495.84	500.34	499.29	0.61	ppb
Molybdenum	95-1	523.78	507.30	513.04	514.71	1.62	ppb
Molybdenum	96-1	518.72	519.42	509.41	515.85	1.08	ppb
Molybdenum	97-1	501.87	500.76	494.23	498.95	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.01	539.14	523.36	531.50	1.49	ppb
Phosphorus	31-2	51.05	67.33	19.41	45.93	53.06	ppb
Potassium	39-2	27095.15	27154.44	26977.07	27075.55	0.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	507.50	494.43	522.66	508.20	2.78	ppb
Selenium	78-2	534.11	532.31	548.50	538.30	1.65	ppb
Selenium	82-1	533.34	535.11	533.36	533.94	0.19	ppb
Silicon	28-1	10307.79	10284.54	10243.74	10278.69	0.32	ppb
Silver	109-1	570.85	572.59	572.14	571.86	0.16	ppb
Silver	107-1	570.57	572.88	571.99	571.81	0.20	ppb
Sodium	23-2	79708.33	79706.84	78690.80	79368.66	0.74	ppb
Strontium	86-1	751.72	767.54	760.65	759.97	1.04	ppb
Strontium	88-1	748.59	757.02	751.72	752.44	0.57	ppb
Sulfur	34-1	10966.25	10836.32	11104.07	10968.88	1.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	550.83	538.21	554.61	547.89	1.57	ppb
Thallium	205-1	552.80	544.37	550.19	549.12	0.79	ppb
Tin	118-1	528.68	525.91	523.73	526.11	0.47	ppb
Titanium	47-1	502.92	506.30	505.05	504.76	0.34	ppb
Uranium	238-1	501.60	497.44	503.72	500.92	0.64	ppb
Vanadium	51-2	530.29	535.32	527.35	530.99	0.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1057.08	1077.36	1049.61	1061.35	1.35	ppb
Zirconium	90-1	488.28	487.86	482.75	486.30	0.63	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01A	Instrumnet Name :	P8
Client Sample ID :	AC01A1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:06:26	DataFile Name :	028SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.88	484.88	490.70	489.49	0.84	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02	Instrumnet Name :	P8
Client Sample ID :	AC01B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:09:25	DataFile Name :	029SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.24	7.17	6.17	9.19	47.85	ppb
Antimony	121-1	0.24	0.23	0.29	0.25	12.95	ppb
Arsenic	75-2	1.35	1.43	1.22	1.34	7.91	ppb
Barium	135-1	38.48	39.76	38.90	39.05	1.67	ppb
Barium	137-1	38.80	39.89	37.96	38.88	2.48	ppb
Beryllium	9-1	0.31	0.31	0.28	0.30	6.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	107.70	109.83	109.01	108.85	0.99	ppb
Boron	10-1	107.55	104.53	106.44	106.18	1.44	ppb
Cadmium	106-1	-4.50	-3.67	-5.13	-4.44		ppb
Cadmium	108-1	0.07	0.21	0.04	0.11	84.16	ppb
Cadmium	111-1	-0.25	-0.23	-0.33	-0.27		ppb
Calcium	43-1	86605.66	87343.29	85686.65	86545.20	0.96	ppb
Calcium	44-1	86237.07	86837.15	85538.68	86204.30	0.75	ppb
Chromium	52-2	1.43	1.43	1.40	1.42	1.15	ppb
Cobalt	59-2	0.21	0.16	0.18	0.18	12.35	ppb
Copper	63-2	74.47	73.08	74.14	73.90	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	118.81	118.02	119.40	118.74	0.58	ppb
Iron	57-2	110.52	117.72	114.86	114.37	3.17	ppb
Lead	206-1	0.17	0.19	0.18	0.18	3.64	ppb
Lead	207-1	0.16	0.15	0.14	0.15	5.43	ppb
Lead	208-1	0.15	0.17	0.16	0.16	7.42	ppb
Lithium	6-1						%
Magnesium	24-2	30302.16	30216.50	30647.33	30388.67	0.75	ppb
Manganese	55-2	0.61	0.74	0.32	0.55	38.80	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02	Instrumnet Name :	P8
Client Sample ID :	AC01B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:09:25	DataFile Name :	029SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.63	0.64	0.63	0.63	1.25	ppb
Molybdenum	94-1	0.36	0.38	0.35	0.37	4.72	ppb
Molybdenum	95-1	0.66	0.52	0.62	0.60	11.88	ppb
Molybdenum	96-1	0.54	0.58	0.55	0.55	3.88	ppb
Molybdenum	97-1	0.66	0.68	0.57	0.64	9.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.87	0.86	0.77	21.16	ppb
Phosphorus	31-2	51.36	97.64	51.94	66.98	39.65	ppb
Potassium	39-2	1473.73	1484.83	1468.72	1475.76	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	2.85	-0.04		ppb
Selenium	78-2	-0.74	2.03	1.35	0.88	164.21	ppb
Selenium	82-1	0.37	0.47	0.80	0.55	41.88	ppb
Silicon	28-1	10610.80	10808.59	10721.80	10713.73	0.93	ppb
Silver	109-1	0.22	0.27	0.25	0.25	9.31	ppb
Silver	107-1	0.22	0.27	0.25	0.25	10.04	ppb
Sodium	23-2	35301.06	34779.41	35347.33	35142.60	0.90	ppb
Strontium	86-1	291.98	296.60	296.14	294.91	0.86	ppb
Strontium	88-1	299.03	301.39	301.16	300.53	0.43	ppb
Sulfur	34-1	11682.80	12017.22	11947.36	11882.46	1.48	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.16	0.14	0.17	19.62	ppb
Thallium	205-1	0.18	0.17	0.13	0.16	16.51	ppb
Tin	118-1	0.16	0.15	0.13	0.15	9.40	ppb
Titanium	47-1	0.25	0.48	0.37	0.36	30.86	ppb
Uranium	238-1	1.99	2.06	2.02	2.02	1.69	ppb
Vanadium	51-2	2.72	3.14	2.94	2.94	7.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	106.15	106.20	106.14	106.16	0.03	ppb
Zirconium	90-1	0.25	0.25	0.27	0.26	4.59	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02	Instrumnet Name :	P8
Client Sample ID :	AC01B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:09:25	DataFile Name :	029SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.26	0.27	0.25	12.00	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:12:32	DataFile Name :	030CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50001.79	50184.66	50451.25	50212.56	0.45	ppb
Antimony	121-1	511.77	501.67	512.52	508.66	1.19	ppb
Arsenic	75-2	507.63	514.87	509.47	510.65	0.74	ppb
Barium	135-1	2547.83	2533.01	2539.01	2539.95	0.29	ppb
Barium	137-1	2545.38	2512.22	2529.90	2529.17	0.66	ppb
Beryllium	9-1	533.33	537.95	528.97	533.42	0.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	526.78	542.85	535.82	535.15	1.51	ppb
Boron	10-1	523.74	529.62	525.71	526.36	0.57	ppb
Cadmium	106-1	502.27	500.74	506.28	503.10	0.57	ppb
Cadmium	108-1	494.46	503.50	507.76	501.91	1.35	ppb
Cadmium	111-1	499.45	496.55	491.40	495.80	0.82	ppb
Calcium	43-1	241474.01	240859.78	241415.13	241249.64	0.14	ppb
Calcium	44-1	240687.84	241457.90	240688.74	240944.83	0.18	ppb
Chromium	52-2	535.13	548.90	538.64	540.89	1.32	ppb
Cobalt	59-2	491.64	504.98	498.19	498.27	1.34	ppb
Copper	63-2	957.24	1002.38	988.12	982.58	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122934.29	125449.05	124730.63	124371.33	1.04	ppb
Iron	57-2	124098.55	127167.67	126024.37	125763.53	1.23	ppb
Lead	206-1	524.93	524.25	519.70	522.96	0.54	ppb
Lead	207-1	526.64	528.83	516.28	523.91	1.28	ppb
Lead	208-1	525.71	525.14	520.32	523.72	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	249389.04	249252.11	249025.49	249222.21	0.07	ppb
Manganese	55-2	1000.71	1032.91	1013.35	1015.65	1.60	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:12:32	DataFile Name :	030CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	514.01	510.24	501.78	508.67	1.23	ppb
Molybdenum	94-1	507.88	509.58	509.85	509.10	0.21	ppb
Molybdenum	95-1	513.00	509.55	500.58	507.71	1.26	ppb
Molybdenum	96-1	518.86	515.43	509.64	514.65	0.91	ppb
Molybdenum	97-1	495.30	492.30	489.44	492.35	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.09	522.37	519.76	518.40	0.92	ppb
Phosphorus	31-2	10353.50	10350.27	9949.44	10217.73	2.27	ppb
Potassium	39-2	125658.79	128975.34	126985.39	127206.51	1.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	421.92	611.21	480.36	504.50	19.21	ppb
Selenium	78-2	502.40	523.15	479.33	501.63	4.37	ppb
Selenium	82-1	510.50	502.53	499.86	504.30	1.10	ppb
Silicon	28-1	483.00	480.81	491.34	485.05	1.15	ppb
Silver	109-1	488.62	489.62	489.82	489.35	0.13	ppb
Silver	107-1	488.41	489.68	489.52	489.20	0.14	ppb
Sodium	23-2	246727.35	250158.35	246817.52	247901.07	0.79	ppb
Strontium	86-1	503.72	504.90	499.27	502.63	0.59	ppb
Strontium	88-1	511.67	512.57	513.73	512.66	0.20	ppb
Sulfur	34-1	9021.78	8964.42	8825.98	8937.39	1.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	517.91	527.63	528.14	524.56	1.10	ppb
Thallium	205-1	517.52	519.90	514.94	517.45	0.48	ppb
Tin	118-1	500.26	495.19	500.78	498.74	0.62	ppb
Titanium	47-1	490.68	497.69	495.25	494.54	0.72	ppb
Uranium	238-1	509.93	509.46	507.51	508.97	0.25	ppb
Vanadium	51-2	518.09	529.58	518.07	521.92	1.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	947.56	982.46	971.72	967.25	1.85	ppb
Zirconium	90-1	497.60	502.03	499.19	499.61	0.45	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:12:32	DataFile Name :	030CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.94	505.53	504.01	505.49	0.29	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:15:31	DataFile Name :	031CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	5.32	-0.83	1.65	196.11	ppb
Antimony	121-1	0.33	0.33	0.27	0.31	10.48	ppb
Arsenic	75-2	0.09	0.02	0.00	0.04	127.86	ppb
Barium	135-1	0.00	0.00	0.01	0.00	292.29	ppb
Barium	137-1	0.03	0.00	-0.01	0.01	246.93	ppb
Beryllium	9-1	0.25	0.33	0.28	0.28	13.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	26.81	25.40	23.94	25.38	5.67	ppb
Boron	10-1	29.06	25.12	22.38	25.52	13.16	ppb
Cadmium	106-1	-3.99	-4.21	-3.11	-3.77		ppb
Cadmium	108-1	0.11	0.21	-0.06	0.09	152.79	ppb
Cadmium	111-1	-0.27	-0.28	-0.21	-0.25		ppb
Calcium	43-1	-43.01	-30.14	-56.19	-43.12		ppb
Calcium	44-1	-24.41	-22.98	-28.49	-25.29		ppb
Chromium	52-2	-0.08	-0.10	0.00	-0.06		ppb
Cobalt	59-2	-0.03	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.02	0.06	0.01	0.03	97.07	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.00	1.60	1.42	1.67	17.58	ppb
Iron	57-2	-0.29	0.74	3.39	1.28	148.05	ppb
Lead	206-1	0.06	0.04	0.06	0.05	20.14	ppb
Lead	207-1	0.06	0.04	0.07	0.06	22.51	ppb
Lead	208-1	0.06	0.04	0.06	0.05	17.35	ppb
Lithium	6-1						%
Magnesium	24-2	0.41	0.64	1.63	0.89	72.71	ppb
Manganese	55-2	-0.12	0.05	-0.21	-0.09		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:15:31	DataFile Name :	031CCBE_P8092517-M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.17	0.15	0.12	0.15	16.09	ppb
Molybdenum	94-1	0.09	0.07	0.06	0.07	25.57	ppb
Molybdenum	95-1	0.15	0.14	0.13	0.14	5.75	ppb
Molybdenum	96-1	0.12	0.13	0.11	0.12	8.59	ppb
Molybdenum	97-1	0.17	0.20	0.16	0.18	10.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.24	-0.14	-0.13		ppb
Phosphorus	31-2	-11.62	-11.62	21.57	-0.56		ppb
Potassium	39-2	8.48	1.98	-3.75	2.24	273.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.03	0.75	-1.43	-0.22		ppb
Selenium	82-1	-1.02	-0.21	-0.68	-0.63		ppb
Silicon	28-1	-31.13	-25.33	-37.56	-31.34		ppb
Silver	109-1	0.07	0.06	0.06	0.06	8.41	ppb
Silver	107-1	0.07	0.06	0.06	0.06	8.79	ppb
Sodium	23-2	25.71	25.23	22.59	24.51	6.86	ppb
Strontium	86-1	-0.05	-0.01	-0.01	-0.02		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	16.77	ppb
Sulfur	34-1	-1673.53	-1775.49	-2161.51	-1870.17		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.11	0.14	0.13	9.52	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	3.05	ppb
Tin	118-1	0.11	0.11	0.14	0.12	14.23	ppb
Titanium	47-1	0.00	-0.07	-0.05	-0.04		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	0.14	0.02	0.11	72.38	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	35.10	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:15:31	DataFile Name :	031CCBE_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.01	0.03	63.00	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03	Instrumnet Name :	P8
Client Sample ID :	AC02A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:18:40	DataFile Name :	032SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.79	15.46	14.63	14.29	9.56	ppb
Antimony	121-1	0.42	0.45	0.43	0.43	3.26	ppb
Arsenic	75-2	1.03	0.89	1.15	1.02	12.55	ppb
Barium	135-1	31.54	30.12	31.38	31.01	2.51	ppb
Barium	137-1	31.13	30.82	30.96	30.97	0.50	ppb
Beryllium	9-1	0.21	0.18	0.19	0.19	5.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	96.48	99.31	99.29	98.36	1.66	ppb
Boron	10-1	94.50	96.87	99.32	96.89	2.48	ppb
Cadmium	106-1	-5.30	-4.31	-3.93	-4.52		ppb
Cadmium	108-1	0.07	-0.06	0.05	0.02	360.42	ppb
Cadmium	111-1	-0.33	-0.28	-0.25	-0.29		ppb
Calcium	43-1	74731.16	74570.54	74893.47	74731.72	0.22	ppb
Calcium	44-1	74677.30	73951.92	74247.14	74292.12	0.49	ppb
Chromium	52-2	1.50	1.43	1.68	1.54	8.49	ppb
Cobalt	59-2	1.23	1.29	1.20	1.24	3.77	ppb
Copper	63-2	214.59	217.37	212.30	214.75	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34.93	35.65	36.13	35.57	1.70	ppb
Iron	57-2	34.14	40.01	36.43	36.86	8.02	ppb
Lead	206-1	0.17	0.17	0.18	0.17	2.44	ppb
Lead	207-1	0.20	0.21	0.20	0.20	4.24	ppb
Lead	208-1	0.19	0.18	0.18	0.18	2.37	ppb
Lithium	6-1						%
Magnesium	24-2	28089.94	28124.75	27972.75	28062.48	0.28	ppb
Manganese	55-2	0.96	1.18	0.72	0.95	24.13	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03	Instrumnet Name :	P8
Client Sample ID :	AC02A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:18:40	DataFile Name :	032SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.52	0.59	0.47	0.53	11.01	ppb
Molybdenum	94-1	0.30	0.33	0.30	0.31	5.17	ppb
Molybdenum	95-1	0.54	0.49	0.51	0.52	5.38	ppb
Molybdenum	96-1	0.49	0.47	0.45	0.47	4.49	ppb
Molybdenum	97-1	0.60	0.55	0.53	0.56	6.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.54	0.52	0.58	15.95	ppb
Phosphorus	31-2	38.58	22.23	52.88	37.90	40.46	ppb
Potassium	39-2	1394.52	1456.74	1366.97	1406.07	3.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-1.43	1.53	-0.73	-0.21		ppb
Selenium	82-1	1.01	1.06	0.47	0.84	38.64	ppb
Silicon	28-1	10272.64	10181.37	10322.36	10258.79	0.70	ppb
Silver	109-1	0.29	0.27	0.30	0.29	4.49	ppb
Silver	107-1	0.29	0.27	0.30	0.29	5.07	ppb
Sodium	23-2	28218.27	28770.03	28385.09	28457.79	0.99	ppb
Strontium	86-1	248.65	248.97	249.83	249.15	0.25	ppb
Strontium	88-1	256.86	256.18	253.90	255.65	0.61	ppb
Sulfur	34-1	11830.02	11422.75	12135.78	11796.19	3.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.16	0.14	0.17	20.67	ppb
Thallium	205-1	0.20	0.16	0.13	0.16	21.23	ppb
Tin	118-1	0.12	0.10	0.09	0.10	12.10	ppb
Titanium	47-1	0.39	0.41	0.34	0.38	9.14	ppb
Uranium	238-1	1.88	1.91	1.85	1.88	1.45	ppb
Vanadium	51-2	2.93	3.07	2.93	2.98	2.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	56.97	58.16	57.81	57.65	1.06	ppb
Zirconium	90-1	0.21	0.20	0.19	0.20	4.48	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03	Instrumnet Name :	P8
Client Sample ID :	AC02A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:18:40	DataFile Name :	032SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.18	0.20	0.18	7.32	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04	Instrumnet Name :	P8
Client Sample ID :	AC02B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:21:59	DataFile Name :	033SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.30	8.55	9.76	6.20	83.00	ppb
Antimony	121-1	0.30	0.32	0.30	0.31	2.66	ppb
Arsenic	75-2	1.22	1.14	1.08	1.15	5.80	ppb
Barium	135-1	31.27	31.75	31.88	31.63	1.00	ppb
Barium	137-1	31.69	32.19	32.05	31.98	0.79	ppb
Beryllium	9-1	0.12	0.17	0.11	0.13	23.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	81.25	83.83	83.56	82.88	1.71	ppb
Boron	10-1	78.42	81.90	80.31	80.21	2.17	ppb
Cadmium	106-1	-3.84	-3.68	-3.99	-3.84		ppb
Cadmium	108-1	-0.03	0.04	-0.09	-0.03		ppb
Cadmium	111-1	-0.28	-0.25	-0.28	-0.27		ppb
Calcium	43-1	80433.95	81295.68	83164.13	81631.25	1.71	ppb
Calcium	44-1	80089.71	80454.69	81845.62	80796.67	1.15	ppb
Chromium	52-2	1.63	1.51	1.63	1.59	4.36	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	323.16	ppb
Copper	63-2	25.91	25.76	25.68	25.78	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.65	12.56	12.48	12.57	0.66	ppb
Iron	57-2	12.56	12.95	19.59	15.03	26.26	ppb
Lead	206-1	0.08	0.08	0.09	0.08	7.87	ppb
Lead	207-1	0.07	0.14	0.10	0.10	32.10	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.87	ppb
Lithium	6-1						%
Magnesium	24-2	28155.32	28149.04	27886.57	28063.64	0.55	ppb
Manganese	55-2	0.27	0.43	0.42	0.37	24.05	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04	Instrumnet Name :	P8
Client Sample ID :	AC02B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:21:59	DataFile Name :	033SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.47	0.48	0.41	0.45	7.48	ppb
Molybdenum	94-1	0.15	0.17	0.19	0.17	12.37	ppb
Molybdenum	95-1	0.44	0.50	0.46	0.46	6.20	ppb
Molybdenum	96-1	0.38	0.38	0.38	0.38	0.36	ppb
Molybdenum	97-1	0.42	0.49	0.54	0.48	12.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.06	0.04	47.19	ppb
Phosphorus	31-2	36.16	4.32	68.32	36.26	88.24	ppb
Potassium	39-2	1411.33	1387.25	1357.19	1385.26	1.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	2.90	-1.48	-0.02		ppb
Selenium	78-2	-0.73	-0.73	-0.02	-0.49		ppb
Selenium	82-1	0.51	0.04	0.19	0.25	98.11	ppb
Silicon	28-1	10127.45	10311.45	10447.82	10295.57	1.56	ppb
Silver	109-1	0.22	0.21	0.20	0.21	3.40	ppb
Silver	107-1	0.22	0.21	0.20	0.21	3.63	ppb
Sodium	23-2	27896.84	28031.16	27837.18	27921.73	0.36	ppb
Strontium	86-1	267.53	270.02	268.15	268.57	0.48	ppb
Strontium	88-1	275.96	276.65	276.27	276.29	0.13	ppb
Sulfur	34-1	11756.53	12073.28	12500.59	12110.13	3.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.06	0.04	0.04	40.08	ppb
Thallium	205-1	0.04	0.04	0.05	0.05	10.05	ppb
Tin	118-1	0.11	0.09	0.10	0.10	11.32	ppb
Titanium	47-1	0.28	0.34	0.21	0.27	24.07	ppb
Uranium	238-1	2.09	2.16	2.12	2.12	1.78	ppb
Vanadium	51-2	3.28	2.95	2.94	3.06	6.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.91	7.71	8.20	8.27	7.31	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	12.79	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04	Instrumnet Name :	P8
Client Sample ID :	AC02B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:21:59	DataFile Name :	033SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.04	0.03	61.84	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05	Instrumnet Name :	P8
Client Sample ID :	AC03A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:25:06	DataFile Name :	034SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.95	19.66	19.59	20.40	6.56	ppb
Antimony	121-1	0.24	0.28	0.25	0.26	6.86	ppb
Arsenic	75-2	1.01	0.94	1.09	1.01	7.59	ppb
Barium	135-1	28.57	29.69	27.89	28.72	3.16	ppb
Barium	137-1	28.69	28.84	28.73	28.75	0.26	ppb
Beryllium	9-1	0.18	0.11	0.13	0.14	25.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	91.65	97.63	92.97	94.08	3.34	ppb
Boron	10-1	92.63	92.11	92.72	92.48	0.36	ppb
Cadmium	106-1	-5.32	-4.03	-4.30	-4.55		ppb
Cadmium	108-1	0.07	0.14	0.00	0.07	94.33	ppb
Cadmium	111-1	-0.38	-0.27	-0.30	-0.32		ppb
Calcium	43-1	74847.35	76269.12	75199.58	75438.68	0.98	ppb
Calcium	44-1	74159.72	75604.59	74886.74	74883.68	0.96	ppb
Chromium	52-2	1.62	1.77	1.65	1.68	4.59	ppb
Cobalt	59-2	1.21	1.10	1.07	1.13	6.50	ppb
Copper	63-2	165.35	164.90	163.24	164.49	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.77	13.84	14.06	13.89	1.11	ppb
Iron	57-2	13.27	15.23	20.39	16.30	22.58	ppb
Lead	206-1	0.42	0.44	0.40	0.42	4.03	ppb
Lead	207-1	0.41	0.38	0.40	0.40	4.55	ppb
Lead	208-1	0.40	0.41	0.40	0.40	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	28026.34	28239.20	27825.91	28030.48	0.74	ppb
Manganese	55-2	0.65	1.09	1.03	0.92	25.85	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05	Instrumnet Name :	P8
Client Sample ID :	AC03A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:25:06	DataFile Name :	034SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.46	0.48	0.47	0.47	2.22	ppb
Molybdenum	94-1	0.27	0.25	0.28	0.27	6.22	ppb
Molybdenum	95-1	0.46	0.47	0.47	0.47	1.71	ppb
Molybdenum	96-1	0.41	0.42	0.47	0.43	8.01	ppb
Molybdenum	97-1	0.62	0.55	0.52	0.56	9.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.56	0.52	0.55	3.45	ppb
Phosphorus	31-2	69.56	21.03	4.64	31.74	106.35	ppb
Potassium	39-2	1352.76	1330.94	1367.15	1350.28	1.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	2.95	7.41	2.96	150.21	ppb
Selenium	78-2	-0.02	0.70	1.42	0.70	103.27	ppb
Selenium	82-1	0.16	0.16	-0.14	0.06	292.14	ppb
Silicon	28-1	10343.80	10379.05	10179.10	10300.65	1.04	ppb
Silver	109-1	0.55	0.16	0.18	0.30	74.36	ppb
Silver	107-1	0.58	0.16	0.18	0.31	77.64	ppb
Sodium	23-2	27374.90	27371.30	27189.45	27311.88	0.39	ppb
Strontium	86-1	245.38	246.00	250.42	247.27	1.11	ppb
Strontium	88-1	251.47	253.91	254.17	253.18	0.59	ppb
Sulfur	34-1	12260.91	12418.30	11916.77	12198.66	2.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.04	0.03	26.56	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	21.70	ppb
Tin	118-1	0.06	0.06	0.07	0.07	8.86	ppb
Titanium	47-1	0.19	0.28	0.31	0.26	24.90	ppb
Uranium	238-1	1.96	2.00	1.96	1.97	1.10	ppb
Vanadium	51-2	3.09	2.85	3.15	3.03	5.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	28.54	29.38	28.43	28.78	1.80	ppb
Zirconium	90-1	0.17	0.15	0.16	0.16	5.31	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05	Instrumnet Name :	P8
Client Sample ID :	AC03A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:25:06	DataFile Name :	034SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.12	0.19	0.16	21.83	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06	Instrumnet Name :	P8
Client Sample ID :	AC03B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:28:13	DataFile Name :	035SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.39	9.99	11.22	9.20	27.26	ppb
Antimony	121-1	0.14	0.14	0.15	0.14	3.75	ppb
Arsenic	75-2	0.97	0.88	1.13	0.99	12.86	ppb
Barium	135-1	28.68	29.24	28.96	28.96	0.98	ppb
Barium	137-1	28.84	29.37	29.47	29.23	1.16	ppb
Beryllium	9-1	0.11	0.13	0.10	0.11	15.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	76.07	83.47	78.01	79.18	4.84	ppb
Boron	10-1	76.94	79.89	76.73	77.85	2.27	ppb
Cadmium	106-1	-5.09	-2.91	-5.10	-4.37		ppb
Cadmium	108-1	-0.09	-0.03	0.04	-0.03		ppb
Cadmium	111-1	-0.35	-0.21	-0.37	-0.31		ppb
Calcium	43-1	77641.43	78883.60	78500.87	78341.97	0.81	ppb
Calcium	44-1	78637.70	78868.60	78203.25	78569.85	0.43	ppb
Chromium	52-2	1.48	1.73	1.97	1.73	14.27	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	28.94	29.00	29.27	29.07	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6.71	6.78	6.85	6.78	1.03	ppb
Iron	57-2	12.62	9.60	9.62	10.61	16.34	ppb
Lead	206-1	0.05	0.04	0.04	0.04	16.44	ppb
Lead	207-1	0.08	0.06	0.07	0.07	18.23	ppb
Lead	208-1	0.05	0.05	0.06	0.05	14.64	ppb
Lithium	6-1						%
Magnesium	24-2	27512.92	27295.77	27332.57	27380.42	0.42	ppb
Manganese	55-2	0.26	0.20	-0.01	0.15	92.79	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06	Instrumnet Name :	P8
Client Sample ID :	AC03B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:28:13	DataFile Name :	035SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.48	0.49	0.49	0.49	1.12	ppb
Molybdenum	94-1	0.15	0.18	0.18	0.17	10.17	ppb
Molybdenum	95-1	0.50	0.42	0.43	0.45	9.79	ppb
Molybdenum	96-1	0.40	0.38	0.34	0.38	8.48	ppb
Molybdenum	97-1	0.49	0.49	0.43	0.47	7.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.16	0.05	0.10	52.77	ppb
Phosphorus	31-2	53.69	20.98	69.99	48.22	51.75	ppb
Potassium	39-2	1293.80	1267.99	1308.87	1290.22	1.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	7.48	1.51	343.44	ppb
Selenium	78-2	1.41	-0.71	-0.71	-0.01		ppb
Selenium	82-1	0.35	-0.02	0.65	0.33	103.29	ppb
Silicon	28-1	9973.06	10172.62	9985.11	10043.60	1.11	ppb
Silver	109-1	0.08	0.09	0.09	0.09	5.15	ppb
Silver	107-1	0.08	0.09	0.09	0.09	5.27	ppb
Sodium	23-2	26738.99	26617.41	26820.57	26725.66	0.38	ppb
Strontium	86-1	258.98	260.51	256.91	258.80	0.70	ppb
Strontium	88-1	265.31	267.58	264.44	265.77	0.61	ppb
Sulfur	34-1	11937.09	12277.20	11841.17	12018.49	1.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.03	0.02	87.55	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	68.37	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.20	0.28	0.17	0.22	26.70	ppb
Uranium	238-1	2.16	2.08	2.11	2.12	1.89	ppb
Vanadium	51-2	3.10	3.00	2.97	3.02	2.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.73	6.11	6.03	6.29	6.10	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	48.00	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06	Instrumnet Name :	P8
Client Sample ID :	AC03B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:28:13	DataFile Name :	035SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	-0.01	0.00	843.61	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:31:21	DataFile Name :	036SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.53	2.18	0.69	3.13	96.99	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	22.48	ppb
Arsenic	75-2	0.09	0.09	0.05	0.08	32.70	ppb
Barium	135-1	1.63	1.47	1.46	1.52	6.59	ppb
Barium	137-1	1.48	1.53	1.59	1.53	3.61	ppb
Beryllium	9-1	0.09	0.14	0.18	0.13	31.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.71	16.73	17.09	16.84	1.29	ppb
Boron	10-1	16.55	15.96	15.25	15.92	4.11	ppb
Cadmium	106-1	-4.34	-4.12	-3.94	-4.13		ppb
Cadmium	108-1	-0.05	-0.06	-0.09	-0.07		ppb
Cadmium	111-1	-0.31	-0.29	-0.27	-0.29		ppb
Calcium	43-1	3672.51	3815.34	3656.20	3714.69	2.36	ppb
Calcium	44-1	3788.44	3945.53	3762.47	3832.15	2.58	ppb
Chromium	52-2	0.16	0.20	0.06	0.14	54.29	ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	6.68	6.79	6.41	6.63	2.94	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.29	1.96	1.18	1.48	28.57	ppb
Iron	57-2	3.84	2.41	3.06	3.10	23.13	ppb
Lead	206-1	-0.02	0.00	-0.02	-0.01		ppb
Lead	207-1	0.01	0.01	0.02	0.02	50.39	ppb
Lead	208-1	0.00	0.00	0.01	0.01	112.00	ppb
Lithium	6-1						%
Magnesium	24-2	1435.66	1441.09	1437.14	1437.97	0.20	ppb
Manganese	55-2	-0.03	-0.11	-0.08	-0.08		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:31:21	DataFile Name :	036SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.04	0.02	0.03	29.25	ppb
Molybdenum	94-1	0.01	0.02	0.03	0.02	55.36	ppb
Molybdenum	95-1	0.03	0.01	0.04	0.03	54.84	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	17.94	ppb
Molybdenum	97-1	0.04	0.10	0.08	0.07	44.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.11	-0.13	-0.10		ppb
Phosphorus	31-2	-11.62	-11.62	-11.62	-11.62		ppb
Potassium	39-2	68.90	96.71	72.21	79.27	19.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.58	0.21	-0.62	-0.33		ppb
Selenium	82-1	-1.19	0.46	-1.01	-0.58		ppb
Silicon	28-1	477.81	489.93	491.28	486.34	1.53	ppb
Silver	109-1	0.06	0.04	0.05	0.05	16.40	ppb
Silver	107-1	0.06	0.04	0.05	0.05	16.89	ppb
Sodium	23-2	1359.09	1397.92	1405.12	1387.38	1.78	ppb
Strontium	86-1	12.57	12.32	12.56	12.48	1.15	ppb
Strontium	88-1	12.72	13.02	12.79	12.84	1.22	ppb
Sulfur	34-1	-461.89	-121.00	540.25	-14.21		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	20.54	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	50.47	ppb
Tin	118-1	-0.02	0.01	-0.01	-0.01		ppb
Titanium	47-1	0.01	0.03	0.05	0.03	70.04	ppb
Uranium	238-1	0.08	0.09	0.10	0.09	8.26	ppb
Vanadium	51-2	0.14	0.11	0.22	0.16	37.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.21	3.91	4.00	4.04	3.88	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.30	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:31:21	DataFile Name :	036SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	-0.01	0.00	639.44	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:34:29	DataFile Name :	037SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	1.78	4.21	2.17	86.44	ppb
Antimony	121-1	0.03	0.04	0.04	0.03	23.69	ppb
Arsenic	75-2	0.04	0.11	0.02	0.06	83.13	ppb
Barium	135-1	1.57	1.56	1.55	1.56	0.71	ppb
Barium	137-1	1.45	1.54	1.51	1.50	3.26	ppb
Beryllium	9-1	0.08	0.12	0.10	0.10	17.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	13.87	13.40	14.04	13.77	2.42	ppb
Boron	10-1	13.54	14.30	13.84	13.89	2.76	ppb
Cadmium	106-1	-3.58	-3.77	-4.96	-4.10		ppb
Cadmium	108-1	0.01	0.05	0.09	0.05	72.47	ppb
Cadmium	111-1	-0.26	-0.28	-0.36	-0.30		ppb
Calcium	43-1	3885.29	3772.34	3861.60	3839.75	1.55	ppb
Calcium	44-1	4008.60	3974.73	3934.49	3972.60	0.93	ppb
Chromium	52-2	0.19	0.20	0.06	0.15	52.16	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	6.58	6.71	6.51	6.60	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.12	1.07	0.78	0.99	18.55	ppb
Iron	57-2	1.80	0.17	-0.70	0.42	302.08	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	4723.69	ppb
Lead	207-1	0.02	0.03	0.04	0.03	45.63	ppb
Lead	208-1	0.01	0.02	0.02	0.02	27.11	ppb
Lithium	6-1						%
Magnesium	24-2	1454.67	1494.07	1371.27	1440.00	4.35	ppb
Manganese	55-2	-0.23	-0.15	-0.08	-0.15		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:34:29	DataFile Name :	037SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.04	0.01	0.02	0.02	52.74	ppb
Molybdenum	94-1	0.03	0.03	0.02	0.03	15.23	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	24.80	ppb
Molybdenum	96-1	0.04	0.01	0.05	0.03	53.30	ppb
Molybdenum	97-1	0.03	0.05	0.04	0.04	28.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.11	-0.15	-0.10		ppb
Phosphorus	31-2	-11.62	5.68	5.33	-0.20		ppb
Potassium	39-2	60.94	54.12	50.28	55.12	9.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-1.43	0.07	-0.69	-0.68		ppb
Selenium	82-1	-0.67	0.27	-0.13	-0.17		ppb
Silicon	28-1	505.30	489.74	497.80	497.61	1.56	ppb
Silver	109-1	0.03	0.04	0.03	0.03	14.80	ppb
Silver	107-1	0.03	0.04	0.03	0.03	17.49	ppb
Sodium	23-2	1389.25	1394.18	1348.31	1377.25	1.83	ppb
Strontium	86-1	12.84	12.79	13.37	13.00	2.50	ppb
Strontium	88-1	13.17	13.33	13.42	13.31	0.95	ppb
Sulfur	34-1	193.19	79.70	259.52	177.47	51.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	20.37	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	41.46	ppb
Tin	118-1	-0.01	0.01	0.02	0.01	281.87	ppb
Titanium	47-1	-0.03	-0.04	0.01	-0.02		ppb
Uranium	238-1	0.09	0.10	0.10	0.10	2.58	ppb
Vanadium	51-2	0.13	0.19	0.15	0.16	19.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.61	3.70	3.79	3.70	2.39	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.99	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:34:29	DataFile Name :	037SMPL_P8092517-MS

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

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	AC01A1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-25 13:37:38	DataFile Name :	038SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.78	-2.06	-0.77	-1.20		ppb
Antimony	121-1	0.04	0.03	0.04	0.03	18.87	ppb
Arsenic	75-2	-0.05	-0.01	-0.01	-0.03		ppb
Barium	135-1	0.27	0.32	0.19	0.26	24.40	ppb
Barium	137-1	0.28	0.28	0.33	0.29	9.20	ppb
Beryllium	9-1	0.11	0.10	0.10	0.10	7.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.75	8.92	9.22	8.96	2.68	ppb
Boron	10-1	8.23	9.02	10.04	9.10	9.97	ppb
Cadmium	106-1	-5.08	-5.97	-3.52	-4.86		ppb
Cadmium	108-1	-0.12	-0.05	-0.09	-0.09		ppb
Cadmium	111-1	-0.36	-0.43	-0.25	-0.35		ppb
Calcium	43-1	706.44	676.49	696.82	693.25	2.21	ppb
Calcium	44-1	710.11	721.74	729.13	720.33	1.33	ppb
Chromium	52-2	-0.07	0.00	-0.02	-0.03		ppb
Cobalt	59-2	-0.02	-0.03	-0.01	-0.02		ppb
Copper	63-2	1.14	1.19	1.28	1.20	6.07	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.17	0.84	0.39	0.47	72.75	ppb
Iron	57-2	0.94	1.75	-1.39	0.43	377.72	ppb
Lead	206-1	0.04	0.00	0.02	0.02	114.98	ppb
Lead	207-1	0.01	0.02	0.00	0.01	106.31	ppb
Lead	208-1	0.02	0.00	0.02	0.01	61.26	ppb
Lithium	6-1						%
Magnesium	24-2	275.49	291.31	279.17	281.99	2.94	ppb
Manganese	55-2	-0.23	-0.11	-0.25	-0.19		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	AC01A1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-25 13:37:38	DataFile Name :	038SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	17.26	ppb
Molybdenum	94-1	0.02	0.01	0.00	0.01	118.91	ppb
Molybdenum	95-1	0.01	0.01	0.04	0.02	102.89	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	107.10	ppb
Molybdenum	97-1	0.05	0.01	0.03	0.03	59.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.12	-0.23	-0.20		ppb
Phosphorus	31-2	57.32	40.27	5.81	34.47	76.13	ppb
Potassium	39-2	8.69	-8.18	4.71	1.74	507.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	3.25	-1.48	0.10	2811.79	ppb
Selenium	78-2	1.61	2.37	-1.43	0.85	237.24	ppb
Selenium	82-1	-1.51	0.14	-0.96	-0.78		ppb
Silicon	28-1	93.37	94.90	100.68	96.32	4.00	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.49	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.60	ppb
Sodium	23-2	244.85	253.54	244.59	247.66	2.06	ppb
Strontium	86-1	2.37	2.49	2.59	2.48	4.34	ppb
Strontium	88-1	2.43	2.52	2.55	2.50	2.51	ppb
Sulfur	34-1	-310.16	-153.58	-40.27	-168.00		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.02	16.39	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	44.35	ppb
Tin	118-1	-0.02	0.02	0.04	0.01	205.61	ppb
Titanium	47-1	0.05	0.03	0.05	0.04	29.49	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.19	ppb
Vanadium	51-2	0.03	0.03	-0.01	0.02	120.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.75	0.54	0.74	0.68	17.59	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	58.06	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	AC01A1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-25 13:37:38	DataFile Name :	038SMPL_P8092517-MS

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

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:40:48	DataFile Name :	039SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	523.77	551.95	484.02	519.91	6.56	ppb
Antimony	121-1	26.83	26.97	27.32	27.04	0.93	ppb
Arsenic	75-2	27.66	26.56	27.81	27.34	2.50	ppb
Barium	135-1	128.85	133.23	133.13	131.74	1.90	ppb
Barium	137-1	131.14	134.29	134.46	133.30	1.40	ppb
Beryllium	9-1	26.53	27.21	27.90	27.21	2.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	33.45	36.67	36.62	35.58	5.19	ppb
Boron	10-1	33.88	34.79	35.88	34.85	2.88	ppb
Cadmium	106-1	22.87	24.25	22.20	23.11	4.52	ppb
Cadmium	108-1	27.76	26.05	28.10	27.30	4.03	ppb
Cadmium	111-1	26.81	27.61	27.55	27.32	1.62	ppb
Calcium	43-1	6376.05	6488.51	6484.59	6449.72	0.99	ppb
Calcium	44-1	6667.22	6749.23	6776.04	6730.83	0.84	ppb
Chromium	52-2	28.80	28.24	28.38	28.47	1.03	ppb
Cobalt	59-2	27.72	27.88	27.63	27.74	0.47	ppb
Copper	63-2	61.86	62.03	61.03	61.64	0.86	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1361.09	1356.11	1334.78	1350.66	1.03	ppb
Iron	57-2	1300.91	1380.05	1323.22	1334.73	3.06	ppb
Lead	206-1	25.96	26.86	26.90	26.57	2.01	ppb
Lead	207-1	25.30	26.40	26.25	25.98	2.28	ppb
Lead	208-1	25.56	26.59	26.57	26.24	2.25	ppb
Lithium	6-1						%
Magnesium	24-2	4310.67	4265.68	4227.03	4267.80	0.98	ppb
Manganese	55-2	55.38	55.21	54.38	54.99	0.98	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:40:48	DataFile Name :	039SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	25.01	25.53	25.38	25.31	1.06	ppb
Molybdenum	94-1	24.86	25.09	24.87	24.94	0.54	ppb
Molybdenum	95-1	25.10	25.70	26.03	25.61	1.86	ppb
Molybdenum	96-1	25.26	25.79	25.06	25.37	1.49	ppb
Molybdenum	97-1	25.09	25.66	25.29	25.35	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.68	28.98	27.13	28.27	3.51	ppb
Phosphorus	31-2	23.16	23.16	5.49	17.27	59.06	ppb
Potassium	39-2	1433.26	1436.68	1483.41	1451.12	1.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	59.62	31.40	40.26	43.76	32.98	ppb
Selenium	78-2	30.23	33.23	30.55	31.34	5.25	ppb
Selenium	82-1	26.01	27.51	27.70	27.08	3.41	ppb
Silicon	28-1	510.53	513.08	510.28	511.29	0.30	ppb
Silver	109-1	28.73	29.52	29.20	29.15	1.36	ppb
Silver	107-1	28.73	29.50	29.20	29.14	1.33	ppb
Sodium	23-2	4161.24	4107.32	4110.92	4126.49	0.73	ppb
Strontium	86-1	38.04	38.72	37.43	38.06	1.70	ppb
Strontium	88-1	38.43	39.22	38.82	38.82	1.02	ppb
Sulfur	34-1	104.53	264.69	912.69	427.30	100.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	26.20	27.33	27.18	26.90	2.29	ppb
Thallium	205-1	26.40	27.29	27.53	27.07	2.20	ppb
Tin	118-1	25.51	26.72	26.00	26.08	2.33	ppb
Titanium	47-1	24.77	25.23	25.98	25.33	2.42	ppb
Uranium	238-1	23.95	24.97	24.89	24.60	2.30	ppb
Vanadium	51-2	28.10	27.75	28.01	27.95	0.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	58.40	58.00	56.45	57.61	1.79	ppb
Zirconium	90-1	24.63	25.02	24.61	24.75	0.92	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:40:48	DataFile Name :	039SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.23	24.83	23.87	24.31	1.99	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:43:55	DataFile Name :	040SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	507.06	538.65	494.48	513.39	4.43	ppb
Antimony	121-1	28.19	27.06	27.35	27.53	2.12	ppb
Arsenic	75-2	28.73	27.30	27.79	27.94	2.59	ppb
Barium	135-1	136.71	133.07	132.30	134.03	1.76	ppb
Barium	137-1	135.91	134.91	132.69	134.50	1.23	ppb
Beryllium	9-1	28.19	27.68	28.15	28.01	1.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	36.10	36.01	36.21	36.11	0.28	ppb
Boron	10-1	38.04	34.73	34.11	35.62	5.94	ppb
Cadmium	106-1	26.22	21.60	24.03	23.95	9.63	ppb
Cadmium	108-1	28.07	29.93	26.34	28.11	6.39	ppb
Cadmium	111-1	28.20	26.86	27.01	27.35	2.69	ppb
Calcium	43-1	6590.13	6298.77	6518.78	6469.23	2.35	ppb
Calcium	44-1	6847.40	6721.26	6708.03	6758.90	1.14	ppb
Chromium	52-2	28.73	29.05	27.96	28.58	1.95	ppb
Cobalt	59-2	27.94	28.64	27.48	28.02	2.08	ppb
Copper	63-2	61.53	63.14	61.11	61.93	1.73	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1349.06	1380.71	1350.21	1359.99	1.32	ppb
Iron	57-2	1342.42	1373.61	1377.34	1364.46	1.41	ppb
Lead	206-1	27.49	26.55	26.83	26.96	1.79	ppb
Lead	207-1	26.82	25.85	26.05	26.24	1.96	ppb
Lead	208-1	27.35	26.34	26.28	26.66	2.26	ppb
Lithium	6-1						%
Magnesium	24-2	4221.49	4332.30	4190.22	4248.00	1.76	ppb
Manganese	55-2	56.26	54.34	52.45	54.35	3.51	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:43:55	DataFile Name :	040SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	26.04	25.44	25.39	25.63	1.41	ppb
Molybdenum	94-1	25.38	25.48	25.50	25.45	0.26	ppb
Molybdenum	95-1	26.43	26.26	25.57	26.09	1.74	ppb
Molybdenum	96-1	26.15	25.81	25.36	25.78	1.54	ppb
Molybdenum	97-1	25.97	25.50	26.55	26.01	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.32	28.61	29.17	28.70	1.51	ppb
Phosphorus	31-2	38.16	-11.62	-11.62	4.97	578.19	ppb
Potassium	39-2	1405.46	1451.82	1423.17	1426.82	1.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.61	26.05	30.51	21.39	56.77	ppb
Selenium	78-2	33.53	34.62	32.29	33.48	3.48	ppb
Selenium	82-1	26.98	26.97	26.78	26.91	0.42	ppb
Silicon	28-1	520.60	520.06	512.33	517.66	0.89	ppb
Silver	109-1	30.18	29.32	29.80	29.77	1.44	ppb
Silver	107-1	30.18	29.31	29.80	29.76	1.47	ppb
Sodium	23-2	4079.67	4215.06	4073.61	4122.78	1.94	ppb
Strontium	86-1	39.07	38.04	38.39	38.50	1.36	ppb
Strontium	88-1	39.43	39.14	39.48	39.35	0.47	ppb
Sulfur	34-1	810.06	310.98	339.66	486.90	57.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	27.71	26.88	27.36	27.32	1.54	ppb
Thallium	205-1	28.30	27.10	27.63	27.67	2.18	ppb
Tin	118-1	27.04	26.49	26.04	26.52	1.89	ppb
Titanium	47-1	25.69	26.18	27.28	26.39	3.08	ppb
Uranium	238-1	25.55	24.79	24.57	24.97	2.05	ppb
Vanadium	51-2	27.61	27.43	27.23	27.42	0.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	59.02	59.36	58.83	59.07	0.46	ppb
Zirconium	90-1	25.43	24.92	25.25	25.20	1.02	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:43:55	DataFile Name :	040SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.15	24.70	24.71	24.86	1.03	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:47:03	DataFile Name :	041SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	545.34	480.89	515.66	513.96	6.28	ppb
Antimony	121-1	27.58	27.03	27.25	27.29	1.03	ppb
Arsenic	75-2	27.36	26.37	27.50	27.08	2.27	ppb
Barium	135-1	134.23	132.19	132.99	133.14	0.77	ppb
Barium	137-1	134.73	133.93	133.23	133.96	0.56	ppb
Beryllium	9-1	28.34	27.60	27.75	27.90	1.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	34.16	36.32	35.24	35.24	3.07	ppb
Boron	10-1	34.54	35.60	34.51	34.89	1.78	ppb
Cadmium	106-1	21.17	24.45	24.66	23.43	8.36	ppb
Cadmium	108-1	28.09	27.82	27.27	27.73	1.51	ppb
Cadmium	111-1	27.44	26.80	27.23	27.16	1.20	ppb
Calcium	43-1	6270.53	6280.90	6400.31	6317.25	1.14	ppb
Calcium	44-1	6606.53	6569.99	6475.74	6550.75	1.03	ppb
Chromium	52-2	27.54	28.20	28.32	28.02	1.50	ppb
Cobalt	59-2	26.85	27.90	27.11	27.29	2.01	ppb
Copper	63-2	60.25	61.03	60.71	60.66	0.65	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1324.33	1367.51	1335.13	1342.32	1.67	ppb
Iron	57-2	1309.79	1339.67	1311.47	1320.31	1.27	ppb
Lead	206-1	26.59	26.26	26.72	26.52	0.88	ppb
Lead	207-1	26.18	25.61	26.32	26.04	1.44	ppb
Lead	208-1	26.48	25.89	26.48	26.28	1.31	ppb
Lithium	6-1						%
Magnesium	24-2	4130.26	4241.26	4187.29	4186.27	1.33	ppb
Manganese	55-2	53.97	55.82	56.59	55.46	2.43	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:47:03	DataFile Name :	041SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	25.77	25.15	25.49	25.47	1.20	ppb
Molybdenum	94-1	24.93	24.75	25.30	24.99	1.13	ppb
Molybdenum	95-1	25.87	25.23	25.90	25.66	1.48	ppb
Molybdenum	96-1	25.94	24.98	25.79	25.57	2.03	ppb
Molybdenum	97-1	25.64	25.51	25.76	25.64	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.76	28.90	28.34	28.33	2.00	ppb
Phosphorus	31-2	4.86	22.23	4.89	10.66	94.02	ppb
Potassium	39-2	1369.71	1383.84	1386.80	1380.12	0.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	20.94	12.21	25.63	19.59	34.74	ppb
Selenium	78-2	26.61	30.05	28.28	28.31	6.07	ppb
Selenium	82-1	27.49	26.35	28.28	27.37	3.54	ppb
Silicon	28-1	504.62	496.66	498.80	500.03	0.82	ppb
Silver	109-1	29.33	29.15	29.09	29.19	0.42	ppb
Silver	107-1	29.28	29.16	29.06	29.17	0.36	ppb
Sodium	23-2	4040.57	4127.08	4073.33	4080.33	1.07	ppb
Strontium	86-1	38.11	37.76	38.42	38.10	0.87	ppb
Strontium	88-1	38.44	38.28	39.20	38.64	1.28	ppb
Sulfur	34-1	46.13	78.54	12.09	45.59	72.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	26.77	26.69	27.30	26.92	1.23	ppb
Thallium	205-1	27.15	27.29	27.74	27.39	1.12	ppb
Tin	118-1	26.62	25.81	26.50	26.31	1.67	ppb
Titanium	47-1	24.81	25.80	25.73	25.45	2.16	ppb
Uranium	238-1	24.91	24.50	24.83	24.75	0.89	ppb
Vanadium	51-2	27.06	27.69	27.29	27.35	1.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	59.58	58.04	57.98	58.53	1.55	ppb
Zirconium	90-1	24.94	24.57	25.29	24.93	1.45	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:47:03	DataFile Name :	041SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.73	23.37	24.65	24.25	3.14	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:50:11	DataFile Name :	042CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52242.29	50885.27	50408.82	51178.80	1.86	ppb
Antimony	121-1	518.30	503.03	509.26	510.20	1.51	ppb
Arsenic	75-2	508.06	522.21	518.60	516.29	1.42	ppb
Barium	135-1	2551.80	2493.87	2550.31	2531.99	1.30	ppb
Barium	137-1	2529.54	2490.03	2539.57	2519.71	1.04	ppb
Beryllium	9-1	520.85	515.66	515.69	517.40	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	497.67	499.13	505.81	500.87	0.87	ppb
Boron	10-1	495.25	489.04	505.51	496.60	1.68	ppb
Cadmium	106-1	509.26	496.55	505.71	503.84	1.30	ppb
Cadmium	108-1	511.06	499.52	502.49	504.36	1.19	ppb
Cadmium	111-1	500.87	484.80	490.17	491.95	1.66	ppb
Calcium	43-1	244029.11	237110.94	242579.12	241239.72	1.51	ppb
Calcium	44-1	244757.64	237003.15	241734.36	241165.05	1.62	ppb
Chromium	52-2	540.28	539.61	529.84	536.58	1.09	ppb
Cobalt	59-2	517.78	505.29	495.42	506.17	2.21	ppb
Copper	63-2	1001.50	981.19	969.56	984.08	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	128063.45	125550.18	123451.96	125688.53	1.84	ppb
Iron	57-2	128267.50	128481.41	125990.42	127579.78	1.08	ppb
Lead	206-1	531.44	518.94	523.98	524.78	1.20	ppb
Lead	207-1	538.63	517.63	527.20	527.82	1.99	ppb
Lead	208-1	533.42	517.38	529.12	526.64	1.58	ppb
Lithium	6-1						%
Magnesium	24-2	256312.16	255050.54	249052.90	253471.87	1.53	ppb
Manganese	55-2	1048.01	1025.19	1020.07	1031.09	1.44	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:50:11	DataFile Name :	042CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	504.07	500.85	504.01	502.98	0.37	ppb
Molybdenum	94-1	516.36	502.38	505.46	508.07	1.45	ppb
Molybdenum	95-1	514.34	498.73	510.06	507.71	1.59	ppb
Molybdenum	96-1	509.52	506.82	504.48	506.94	0.50	ppb
Molybdenum	97-1	488.42	484.66	490.16	487.75	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.94	515.60	511.30	517.95	1.56	ppb
Phosphorus	31-2	10953.46	9751.86	10094.88	10266.73	6.03	ppb
Potassium	39-2	130689.46	128928.28	127521.11	129046.28	1.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	514.78	506.31	524.98	515.35	1.81	ppb
Selenium	78-2	487.09	495.59	507.48	496.72	2.06	ppb
Selenium	82-1	504.92	496.17	507.20	502.77	1.16	ppb
Silicon	28-1	492.09	469.41	479.71	480.40	2.36	ppb
Silver	109-1	509.63	494.36	495.07	499.69	1.72	ppb
Silver	107-1	509.75	494.93	495.05	499.91	1.71	ppb
Sodium	23-2	252739.90	250044.54	247551.55	250112.00	1.04	ppb
Strontium	86-1	503.83	488.59	502.53	498.32	1.70	ppb
Strontium	88-1	515.58	505.12	509.16	509.95	1.03	ppb
Sulfur	34-1	10452.24	9690.99	9920.18	10021.14	3.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	532.28	519.41	524.76	525.48	1.23	ppb
Thallium	205-1	529.72	514.80	527.11	523.88	1.52	ppb
Tin	118-1	504.04	497.15	498.95	500.05	0.71	ppb
Titanium	47-1	497.69	484.39	493.24	491.77	1.38	ppb
Uranium	238-1	519.79	496.32	512.08	509.40	2.35	ppb
Vanadium	51-2	531.20	523.67	519.29	524.72	1.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	993.86	984.39	965.82	981.36	1.45	ppb
Zirconium	90-1	502.88	492.71	499.83	498.47	1.05	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:50:11	DataFile Name :	042CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.15	497.89	498.05	500.03	0.71	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:53:10	DataFile Name :	043CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.82	0.47	0.42	0.02	3060.82	ppb
Antimony	121-1	0.30	0.29	0.29	0.29	1.30	ppb
Arsenic	75-2	0.13	0.04	0.05	0.07	65.53	ppb
Barium	135-1	0.00	-0.01	0.02	0.01	231.03	ppb
Barium	137-1	-0.01	0.03	0.02	0.01	183.04	ppb
Beryllium	9-1	0.18	0.20	0.18	0.19	6.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	15.85	15.53	13.89	15.09	6.97	ppb
Boron	10-1	18.60	17.15	14.28	16.68	13.19	ppb
Cadmium	106-1	-4.96	-4.93	-4.24	-4.71		ppb
Cadmium	108-1	-0.12	-0.12	-0.06	-0.10		ppb
Cadmium	111-1	-0.34	-0.34	-0.29	-0.32		ppb
Calcium	43-1	-49.85	-38.91	-50.91	-46.56		ppb
Calcium	44-1	-29.82	-27.01	-27.37	-28.07		ppb
Chromium	52-2	0.02	-0.01	-0.11	-0.03		ppb
Cobalt	59-2	-0.01	-0.03	0.00	-0.01		ppb
Copper	63-2	-0.04	-0.04	-0.07	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.01	1.63	1.32	1.65	20.86	ppb
Iron	57-2	2.69	7.16	2.32	4.06	66.42	ppb
Lead	206-1	0.02	0.03	0.00	0.02	82.23	ppb
Lead	207-1	0.06	0.06	0.06	0.06	1.41	ppb
Lead	208-1	0.04	0.04	0.03	0.04	10.32	ppb
Lithium	6-1						%
Magnesium	24-2	1.99	-0.10	1.23	1.04	101.79	ppb
Manganese	55-2	-0.38	-0.21	-0.33	-0.31		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:53:10	DataFile Name :	043CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.08	0.07	0.08	19.21	ppb
Molybdenum	94-1	0.10	0.07	0.06	0.08	28.22	ppb
Molybdenum	95-1	0.10	0.09	0.07	0.09	15.16	ppb
Molybdenum	96-1	0.11	0.10	0.08	0.10	16.30	ppb
Molybdenum	97-1	0.07	0.10	0.11	0.09	22.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.21	-0.18	-0.19		ppb
Phosphorus	31-2	5.10	-11.62	-11.62	-6.05		ppb
Potassium	39-2	0.59	-9.16	6.61	-0.65		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.06	2.26	-1.43	0.30	626.27	ppb
Selenium	82-1	-0.75	-0.36	-1.02	-0.71		ppb
Silicon	28-1	-40.13	-28.57	-40.49	-36.40		ppb
Silver	109-1	0.08	0.05	0.05	0.06	31.27	ppb
Silver	107-1	0.08	0.05	0.05	0.06	33.64	ppb
Sodium	23-2	13.10	13.75	12.30	13.05	5.55	ppb
Strontium	86-1	0.00	-0.07	-0.03	-0.04		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	35.33	ppb
Sulfur	34-1	-862.01	-609.96	-743.85	-738.61		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.11	0.07	0.08	0.09	28.84	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.24	ppb
Tin	118-1	0.14	0.13	0.11	0.13	10.28	ppb
Titanium	47-1	-0.15	-0.06	-0.03	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.05	0.01	-0.02	-0.02		ppb
Zirconium	90-1	0.06	0.05	0.03	0.05	31.59	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:53:10	DataFile Name :	043CCBE_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.03	0.04	11.98	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:56:19	DataFile Name :	044SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.61	0.66	-0.65	1.54	178.13	ppb
Antimony	121-1	0.10	0.10	0.10	0.10	4.20	ppb
Arsenic	75-2	0.05	0.03	0.09	0.05	59.42	ppb
Barium	135-1	1.70	1.93	1.80	1.81	6.37	ppb
Barium	137-1	1.80	1.94	1.98	1.91	5.10	ppb
Beryllium	9-1	0.10	0.15	0.07	0.11	37.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	12.50	13.00	13.36	12.95	3.34	ppb
Boron	10-1	13.88	13.61	12.19	13.23	6.86	ppb
Cadmium	106-1	-4.75	-4.58	-4.22	-4.52		ppb
Cadmium	108-1	-0.06	-0.03	-0.05	-0.05		ppb
Cadmium	111-1	-0.33	-0.33	-0.30	-0.32		ppb
Calcium	43-1	4090.99	4215.94	4221.10	4176.01	1.76	ppb
Calcium	44-1	4403.49	4412.07	4343.56	4386.37	0.85	ppb
Chromium	52-2	0.08	0.15	0.12	0.12	32.00	ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	3.38	3.67	3.64	3.56	4.39	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.09	6.84	7.29	7.07	3.15	ppb
Iron	57-2	6.98	10.54	7.60	8.37	22.73	ppb
Lead	206-1	0.02	0.01	0.05	0.03	88.72	ppb
Lead	207-1	0.04	0.05	0.02	0.03	47.24	ppb
Lead	208-1	0.03	0.04	0.04	0.03	16.99	ppb
Lithium	6-1						%
Magnesium	24-2	1543.24	1531.19	1573.08	1549.17	1.39	ppb
Manganese	55-2	-0.25	-0.21	-0.23	-0.23		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:56:19	DataFile Name :	044SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.05	0.04	0.04	16.33	ppb
Molybdenum	94-1	0.05	0.05	0.05	0.05	7.88	ppb
Molybdenum	95-1	0.06	0.02	0.03	0.04	45.61	ppb
Molybdenum	96-1	0.05	0.06	0.04	0.05	20.05	ppb
Molybdenum	97-1	0.04	0.07	0.06	0.06	27.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.20	-0.04	-0.12		ppb
Phosphorus	31-2	6.41	43.41	-11.62	12.73	220.38	ppb
Potassium	39-2	71.81	102.13	79.45	84.46	18.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.96	0.16	1.05	0.72	67.82	ppb
Selenium	82-1	-0.91	-0.25	-1.59	-0.92		ppb
Silicon	28-1	499.59	498.16	512.19	503.32	1.53	ppb
Silver	109-1	0.03	0.03	0.03	0.03	12.52	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.96	ppb
Sodium	23-2	1749.86	1687.78	1780.11	1739.25	2.71	ppb
Strontium	86-1	14.90	14.52	14.72	14.71	1.29	ppb
Strontium	88-1	14.59	14.78	14.81	14.73	0.79	ppb
Sulfur	34-1	597.78	162.02	667.72	475.84	57.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.03	0.03	0.04	21.39	ppb
Thallium	205-1	0.04	0.02	0.04	0.03	25.71	ppb
Tin	118-1	0.03	0.05	0.08	0.05	40.51	ppb
Titanium	47-1	0.01	0.10	0.00	0.04	147.60	ppb
Uranium	238-1	0.10	0.09	0.09	0.09	4.42	ppb
Vanadium	51-2	0.13	0.09	0.17	0.13	28.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.80	5.47	5.78	5.68	3.25	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	18.21	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:56:19	DataFile Name :	044SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.04	0.03	24.56	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:59:29	DataFile Name :	045SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.50	-0.84	0.03	2963.44	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	10.74	ppb
Arsenic	75-2	0.11	-0.05	0.05	0.04	220.06	ppb
Barium	135-1	1.36	1.53	1.37	1.42	6.70	ppb
Barium	137-1	1.43	1.43	1.53	1.46	3.81	ppb
Beryllium	9-1	0.09	0.18	0.05	0.11	60.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.73	11.05	11.25	11.34	3.06	ppb
Boron	10-1	10.79	9.84	10.22	10.29	4.63	ppb
Cadmium	106-1	-3.78	-4.15	-5.11	-4.35		ppb
Cadmium	108-1	-0.02	0.01	0.01	0.00		ppb
Cadmium	111-1	-0.27	-0.30	-0.37	-0.31		ppb
Calcium	43-1	3560.88	3494.88	3503.86	3519.87	1.02	ppb
Calcium	44-1	3566.88	3586.28	3621.26	3591.48	0.77	ppb
Chromium	52-2	0.09	0.06	0.03	0.06	46.77	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	6.28	ppb
Copper	63-2	10.28	10.59	10.20	10.36	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.85	3.61	2.65	3.37	18.91	ppb
Iron	57-2	3.44	2.14	1.47	2.35	42.61	ppb
Lead	206-1	0.01	0.03	0.01	0.01	102.22	ppb
Lead	207-1	0.04	0.03	0.03	0.03	17.55	ppb
Lead	208-1	0.02	0.03	0.02	0.02	40.63	ppb
Lithium	6-1						%
Magnesium	24-2	1385.10	1407.36	1342.69	1378.38	2.38	ppb
Manganese	55-2	-0.29	-0.34	-0.04	-0.22		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:59:29	DataFile Name :	045SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.04	0.05	0.04	0.04	9.91	ppb
Molybdenum	94-1	0.03	0.03	0.02	0.03	22.69	ppb
Molybdenum	95-1	0.04	0.06	0.06	0.05	20.18	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	7.94	ppb
Molybdenum	97-1	0.06	0.05	0.07	0.06	18.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.20	-0.14	-0.16		ppb
Phosphorus	31-2	21.75	-11.62	37.95	16.02	157.74	ppb
Potassium	39-2	33.98	74.61	47.22	51.94	39.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.04	1.52	-0.71	0.29	398.31	ppb
Selenium	82-1	-0.72	-0.68	-0.58	-0.66		ppb
Silicon	28-1	461.52	475.63	475.99	471.05	1.75	ppb
Silver	109-1	0.01	0.01	0.03	0.02	55.44	ppb
Silver	107-1	0.01	0.01	0.04	0.02	60.29	ppb
Sodium	23-2	1354.57	1364.44	1320.75	1346.59	1.70	ppb
Strontium	86-1	11.77	12.19	11.94	11.97	1.76	ppb
Strontium	88-1	11.91	12.43	12.38	12.24	2.35	ppb
Sulfur	34-1	49.70	-221.72	206.05	11.34	1908.07	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.04	0.03	28.81	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	31.07	ppb
Tin	118-1	0.02	0.06	0.04	0.04	45.55	ppb
Titanium	47-1	0.04	-0.06	-0.02	-0.01		ppb
Uranium	238-1	0.08	0.08	0.09	0.09	11.12	ppb
Vanadium	51-2	0.18	0.15	0.12	0.15	19.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.40	2.98	2.90	2.76	11.37	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.25	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:59:29	DataFile Name :	045SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.01	127.13	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:02:36	DataFile Name :	046SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.02	-0.65	3.15	1.50	129.58	ppb
Antimony	121-1	0.05	0.05	0.07	0.05	20.48	ppb
Arsenic	75-2	0.01	0.05	0.02	0.03	78.04	ppb
Barium	135-1	1.59	1.51	1.65	1.58	4.47	ppb
Barium	137-1	1.61	1.62	1.42	1.55	7.22	ppb
Beryllium	9-1	0.12	0.05	0.11	0.09	41.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.20	9.34	8.97	8.84	6.60	ppb
Boron	10-1	8.03	8.81	9.10	8.65	6.39	ppb
Cadmium	106-1	-4.19	-5.02	-4.54	-4.58		ppb
Cadmium	108-1	-0.12	0.01	0.02	-0.03		ppb
Cadmium	111-1	-0.30	-0.36	-0.33	-0.33		ppb
Calcium	43-1	3816.34	3782.18	3851.06	3816.53	0.90	ppb
Calcium	44-1	4038.38	3782.22	3863.56	3894.72	3.36	ppb
Chromium	52-2	0.09	0.13	-0.01	0.07	105.74	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	1.17	1.24	1.22	1.21	3.00	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.82	1.16	1.14	1.04	18.64	ppb
Iron	57-2	1.30	5.44	-1.77	1.66	218.23	ppb
Lead	206-1	-0.01	0.01	-0.01	0.00		ppb
Lead	207-1	0.03	0.00	0.03	0.02	79.60	ppb
Lead	208-1	0.01	0.01	0.01	0.01	26.78	ppb
Lithium	6-1						%
Magnesium	24-2	1345.64	1358.94	1350.15	1351.58	0.50	ppb
Manganese	55-2	-0.27	-0.20	-0.26	-0.24		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:02:36	DataFile Name :	046SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.03	0.04	0.02	0.03	35.97	ppb
Molybdenum	94-1	0.04	0.02	0.03	0.03	43.78	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	19.66	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	6.76	ppb
Molybdenum	97-1	0.02	0.01	0.08	0.04	104.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.17	-0.21	-0.21		ppb
Phosphorus	31-2	-11.62	-11.62	41.18	5.98	509.96	ppb
Potassium	39-2	75.43	87.04	44.36	68.95	32.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.54	-1.48	-1.48	0.19	1503.42	ppb
Selenium	78-2	0.18	-1.43	0.90	-0.12		ppb
Selenium	82-1	-0.54	-0.45	-0.68	-0.56		ppb
Silicon	28-1	483.49	459.04	483.14	475.22	2.95	ppb
Silver	109-1	0.04	0.02	0.02	0.03	34.98	ppb
Silver	107-1	0.04	0.02	0.03	0.03	35.36	ppb
Sodium	23-2	1290.90	1271.23	1264.22	1275.45	1.08	ppb
Strontium	86-1	13.11	12.13	12.47	12.57	3.95	ppb
Strontium	88-1	13.33	13.00	13.01	13.11	1.44	ppb
Sulfur	34-1	675.09	-5.83	861.95	510.40	89.48	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.00	0.01	63.27	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.10	ppb
Tin	118-1	0.04	0.03	0.00	0.02	105.95	ppb
Titanium	47-1	-0.02	0.01	0.01	0.00	21230.19	ppb
Uranium	238-1	0.10	0.09	0.10	0.10	8.51	ppb
Vanadium	51-2	0.15	0.15	0.18	0.16	9.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.32	0.39	0.26	0.32	20.18	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	19.94	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:02:36	DataFile Name :	046SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.04	0.02	69.09	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:05:44	DataFile Name :	047SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.03	4.64	0.65	2.44	82.92	ppb
Antimony	121-1	0.05	0.04	0.02	0.03	34.27	ppb
Arsenic	75-2	0.01	0.01	-0.03	0.00		ppb
Barium	135-1	1.54	1.46	1.35	1.45	6.66	ppb
Barium	137-1	1.43	1.51	1.51	1.48	3.29	ppb
Beryllium	9-1	0.08	0.13	0.04	0.08	54.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.73	9.49	9.13	9.11	4.16	ppb
Boron	10-1	8.17	9.46	8.95	8.86	7.32	ppb
Cadmium	106-1	-4.66	-5.13	-3.26	-4.35		ppb
Cadmium	108-1	-0.09	-0.06	-0.05	-0.07		ppb
Cadmium	111-1	-0.34	-0.37	-0.23	-0.31		ppb
Calcium	43-1	3633.44	3551.71	3508.02	3564.39	1.79	ppb
Calcium	44-1	3631.82	3654.98	3628.19	3638.33	0.40	ppb
Chromium	52-2	0.09	0.15	0.05	0.10	51.78	ppb
Cobalt	59-2	0.04	0.06	0.03	0.04	31.30	ppb
Copper	63-2	7.94	8.11	8.00	8.02	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.25	1.01	0.63	0.97	32.31	ppb
Iron	57-2	0.89	0.80	-1.23	0.15	775.24	ppb
Lead	206-1	0.00	0.00	0.01	0.00	166.52	ppb
Lead	207-1	0.04	0.01	0.04	0.03	67.00	ppb
Lead	208-1	0.02	0.01	0.02	0.02	27.35	ppb
Lithium	6-1						%
Magnesium	24-2	1397.23	1404.48	1389.47	1397.06	0.54	ppb
Manganese	55-2	-0.29	-0.37	-0.32	-0.32		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:05:44	DataFile Name :	047SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	6.29	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.03	19.53	ppb
Molybdenum	95-1	0.02	0.02	0.04	0.03	32.27	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	38.80	ppb
Molybdenum	97-1	0.07	0.03	0.05	0.05	34.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.20	-0.11	-0.17		ppb
Phosphorus	31-2	-11.62	-11.62	6.69	-5.52		ppb
Potassium	39-2	62.34	74.79	58.57	65.23	13.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	3.57	0.20	1429.27	ppb
Selenium	78-2	-0.63	-0.65	-0.62	-0.63		ppb
Selenium	82-1	-0.72	-0.64	-0.58	-0.64		ppb
Silicon	28-1	484.34	484.10	470.48	479.64	1.65	ppb
Silver	109-1	0.03	0.03	0.02	0.02	17.51	ppb
Silver	107-1	0.03	0.03	0.02	0.03	19.49	ppb
Sodium	23-2	1259.93	1278.66	1286.97	1275.19	1.09	ppb
Strontium	86-1	12.18	11.97	11.73	11.96	1.88	ppb
Strontium	88-1	12.26	12.35	12.12	12.24	0.94	ppb
Sulfur	34-1	572.87	469.27	1044.78	695.64	44.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	47.81	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	53.95	ppb
Tin	118-1	0.00	0.01	0.01	0.01	26.36	ppb
Titanium	47-1	-0.09	0.00	0.04	-0.02		ppb
Uranium	238-1	0.09	0.09	0.08	0.09	5.51	ppb
Vanadium	51-2	0.13	0.13	0.14	0.13	7.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.41	1.33	1.43	1.39	3.72	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	26.45	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:05:44	DataFile Name :	047SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.01	0.00	653.30	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:08:53	DataFile Name :	048SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	3.08	-0.84	0.87	230.17	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	6.46	ppb
Arsenic	75-2	-0.03	0.09	0.04	0.03	198.61	ppb
Barium	135-1	1.33	1.40	1.25	1.33	5.66	ppb
Barium	137-1	1.53	1.47	1.43	1.48	3.53	ppb
Beryllium	9-1	0.05	0.02	0.07	0.05	53.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.14	7.71	7.20	7.35	4.29	ppb
Boron	10-1	8.25	7.45	7.76	7.82	5.13	ppb
Cadmium	106-1	-4.56	-5.14	-4.49	-4.73		ppb
Cadmium	108-1	-0.02	0.14	0.01	0.04	204.09	ppb
Cadmium	111-1	-0.33	-0.37	-0.33	-0.34		ppb
Calcium	43-1	3732.21	3680.63	3686.19	3699.68	0.77	ppb
Calcium	44-1	3825.11	3791.39	3792.56	3803.02	0.50	ppb
Chromium	52-2	0.04	0.15	0.00	0.06	127.35	ppb
Cobalt	59-2	-0.02	-0.02	-0.04	-0.03		ppb
Copper	63-2	1.22	1.43	1.25	1.30	8.53	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.39	0.75	0.25	0.46	56.24	ppb
Iron	57-2	2.20	2.98	-0.07	1.70	93.21	ppb
Lead	206-1	-0.01	-0.01	-0.03	-0.02		ppb
Lead	207-1	-0.02	0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	0.00	-0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	1335.66	1413.15	1316.81	1355.21	3.77	ppb
Manganese	55-2	-0.34	-0.22	-0.35	-0.31		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:08:53	DataFile Name :	048SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.03	0.01	0.02	0.02	32.86	ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	18.33	ppb
Molybdenum	95-1	0.02	0.04	0.02	0.03	46.77	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	19.98	ppb
Molybdenum	97-1	0.00	0.00	0.03	0.01	142.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.23	-0.21	-0.23		ppb
Phosphorus	31-2	21.30	-11.62	21.24	10.30	184.29	ppb
Potassium	39-2	42.21	61.27	59.42	54.30	19.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.02	-1.48	-1.48	0.02	12408.25	ppb
Selenium	78-2	-1.43	0.09	-0.70	-0.68		ppb
Selenium	82-1	-0.42	-0.55	-0.71	-0.56		ppb
Silicon	28-1	467.20	457.00	468.95	464.38	1.39	ppb
Silver	109-1	0.02	0.03	0.01	0.02	42.02	ppb
Silver	107-1	0.02	0.03	0.01	0.02	43.35	ppb
Sodium	23-2	1199.30	1267.44	1187.61	1218.12	3.54	ppb
Strontium	86-1	12.62	12.31	12.64	12.52	1.48	ppb
Strontium	88-1	12.90	12.50	12.63	12.68	1.62	ppb
Sulfur	34-1	551.31	-215.22	35.24	123.78	315.78	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.02	0.02	0.01	94.06	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.22	ppb
Tin	118-1	0.03	0.01	-0.03	0.00	642.02	ppb
Titanium	47-1	0.01	-0.03	0.04	0.01	434.86	ppb
Uranium	238-1	0.11	0.09	0.09	0.10	9.23	ppb
Vanadium	51-2	0.12	0.17	0.12	0.13	22.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.45	0.11	0.18	0.25	73.19	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	77.52	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:08:53	DataFile Name :	048SMPL_P8092517-MS

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

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5167-13RE	Instrumnet Name :	P8
Client Sample ID :	CPS083061RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:12:01	DataFile Name :	049SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.57	48.92	60.76	48.75	24.81	ppb
Antimony	121-1	1.39	1.36	1.38	1.38	1.26	ppb
Arsenic	75-2	2.50	2.45	2.17	2.37	7.42	ppb
Barium	135-1	56.41	54.74	54.27	55.14	2.03	ppb
Barium	137-1	56.61	54.92	55.07	55.53	1.68	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	31.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	249.35	261.29	266.30	258.98	3.36	ppb
Boron	10-1	250.22	259.57	268.83	259.54	3.59	ppb
Cadmium	106-1	-3.41	-4.55	-5.35	-4.44		ppb
Cadmium	108-1	0.24	-0.01	0.19	0.14	91.58	ppb
Cadmium	111-1	-0.24	-0.30	-0.39	-0.31		ppb
Calcium	43-1	70427.57	70973.41	68888.21	70096.40	1.54	ppb
Calcium	44-1	68992.34	69819.15	68452.11	69087.86	1.00	ppb
Chromium	52-2	0.26	0.23	0.39	0.29	29.46	ppb
Cobalt	59-2	0.15	0.10	0.10	0.12	24.40	ppb
Copper	63-2	3.35	2.98	3.13	3.15	5.84	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	910.38	856.00	898.18	888.19	3.21	ppb
Iron	57-2	921.31	837.37	883.99	880.89	4.77	ppb
Lead	206-1	0.13	0.08	0.12	0.11	24.25	ppb
Lead	207-1	0.15	0.09	0.09	0.11	30.23	ppb
Lead	208-1	0.11	0.09	0.09	0.10	13.61	ppb
Lithium	6-1						%
Magnesium	24-2	9311.62	8857.87	9091.05	9086.85	2.50	ppb
Manganese	55-2	63.11	59.15	63.97	62.08	4.14	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5167-13RE	Instrumnet Name :	P8
Client Sample ID :	CPS083061RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:12:01	DataFile Name :	049SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	43.22	43.32	43.47	43.34	0.29	ppb
Molybdenum	94-1	13.75	13.86	13.70	13.77	0.57	ppb
Molybdenum	95-1	44.54	45.07	44.54	44.72	0.68	ppb
Molybdenum	96-1	36.61	36.55	36.79	36.65	0.34	ppb
Molybdenum	97-1	43.86	43.64	44.24	43.92	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.13	1.35	1.26	9.29	ppb
Phosphorus	31-2	22.10	-11.62	57.74	22.74	152.55	ppb
Potassium	39-2	4211.85	3949.90	4063.61	4075.12	3.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	0.75	-0.04	-0.68	0.01	8468.04	ppb
Selenium	82-1	-0.41	0.21	-0.12	-0.11		ppb
Silicon	28-1	5094.84	5186.27	5031.60	5104.24	1.52	ppb
Silver	109-1	0.01	0.02	0.01	0.01	68.87	ppb
Silver	107-1	0.00	0.02	0.01	0.01	73.93	ppb
Sodium	23-2	33534.43	31300.23	32770.50	32535.05	3.49	ppb
Strontium	86-1	3735.93	3715.71	3696.02	3715.89	0.54	ppb
Strontium	88-1	3787.90	3741.58	3766.20	3765.22	0.62	ppb
Sulfur	34-1	16138.98	16345.92	15853.16	16112.69	1.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	35.67	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	32.83	ppb
Tin	118-1	1.78	1.77	1.73	1.76	1.56	ppb
Titanium	47-1	1.12	0.95	2.58	1.55	57.83	ppb
Uranium	238-1	1.14	1.09	1.13	1.12	2.20	ppb
Vanadium	51-2	0.39	0.36	0.36	0.37	4.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.76	3.52	3.71	3.66	3.54	ppb
Zirconium	90-1	0.23	0.22	0.24	0.23	2.85	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5167-13RE	Instrumnet Name :	P8
Client Sample ID :	CPS083061RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:12:01	DataFile Name :	049SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.26	0.24	0.25	4.79	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:15:08	DataFile Name :	050SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15425.50	15171.06	14535.15	15043.90	3.05	ppb
Antimony	121-1	26.22	26.24	26.80	26.42	1.24	ppb
Arsenic	75-2	30.80	30.10	30.78	30.56	1.30	ppb
Barium	135-1	356.42	355.62	354.80	355.61	0.23	ppb
Barium	137-1	358.33	356.27	360.37	358.32	0.57	ppb
Beryllium	9-1	1.49	1.61	1.48	1.53	4.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	20.19	20.02	19.06	19.76	3.07	ppb
Boron	10-1	18.56	19.60	19.78	19.31	3.39	ppb
Cadmium	106-1	2.41	1.42	2.60	2.14	29.54	ppb
Cadmium	108-1	6.04	4.75	5.79	5.53	12.33	ppb
Cadmium	111-1	4.96	5.05	5.26	5.09	2.96	ppb
Calcium	43-1	34014.78	33768.50	34158.59	33980.62	0.58	ppb
Calcium	44-1	34926.34	34389.57	35085.95	34800.62	1.05	ppb
Chromium	52-2	34.92	33.59	34.03	34.18	1.97	ppb
Cobalt	59-2	14.27	13.84	13.59	13.90	2.46	ppb
Copper	63-2	203.41	199.93	197.96	200.43	1.38	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48214.27	47551.39	47346.73	47704.13	0.95	ppb
Iron	57-2	48060.23	47137.87	46800.72	47332.94	1.38	ppb
Lead	206-1	2079.94	2051.94	2092.76	2074.88	1.01	ppb
Lead	207-1	1877.42	1869.34	1915.02	1887.26	1.29	ppb
Lead	208-1	1982.42	1971.33	2012.95	1988.90	1.08	ppb
Lithium	6-1						%
Magnesium	24-2	15752.06	15424.14	15290.91	15489.04	1.53	ppb
Manganese	55-2	620.20	606.97	610.93	612.70	1.11	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:15:08	DataFile Name :	050SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.97	3.93	4.10	4.00	2.18	ppb
Molybdenum	94-1	2.47	2.42	2.61	2.50	3.95	ppb
Molybdenum	95-1	4.10	4.01	4.23	4.11	2.71	ppb
Molybdenum	96-1	3.66	3.74	3.78	3.73	1.62	ppb
Molybdenum	97-1	4.01	3.80	4.00	3.94	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.99	33.62	33.39	33.67	0.91	ppb
Phosphorus	31-2	2880.61	2566.35	2823.76	2756.90	6.07	ppb
Potassium	39-2	2175.91	2186.41	2123.42	2161.91	1.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	47.41	29.49	48.77	41.89	25.68	ppb
Selenium	78-2	4.27	6.38	6.63	5.76	22.50	ppb
Selenium	82-1	0.61	0.97	1.48	1.02	42.72	ppb
Silicon	28-1	2156.89	2140.79	2153.32	2150.34	0.39	ppb
Silver	109-1	0.57	0.55	0.57	0.56	1.54	ppb
Silver	107-1	0.57	0.55	0.56	0.56	1.63	ppb
Sodium	23-2	128.48	116.53	120.09	121.70	5.04	ppb
Strontium	86-1	33.46	33.48	33.62	33.52	0.26	ppb
Strontium	88-1	34.32	34.16	34.57	34.35	0.60	ppb
Sulfur	34-1	-484.16	-539.00	-530.68	-517.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.37	0.31	0.39	0.36	10.53	ppb
Thallium	205-1	0.39	0.36	0.37	0.37	4.62	ppb
Tin	118-1	61.57	61.34	62.36	61.75	0.86	ppb
Titanium	47-1	72.62	71.46	72.66	72.25	0.95	ppb
Uranium	238-1	1.37	1.38	1.44	1.40	2.96	ppb
Vanadium	51-2	51.21	50.08	50.61	50.63	1.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1817.88	1809.59	1792.55	1806.68	0.71	ppb
Zirconium	90-1	1.84	1.77	1.77	1.79	2.38	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:15:08	DataFile Name :	050SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.76	1.81	1.70	1.76	3.10	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	2
Date & Time Acquired ::	2017-09-25 14:18:14	DataFile Name :	051SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7812.01	7337.97	7726.31	7625.43	3.31	ppb
Antimony	121-1	13.77	13.62	14.02	13.80	1.49	ppb
Arsenic	75-2	16.66	16.77	15.38	16.27	4.74	ppb
Barium	135-1	183.04	178.50	186.33	182.62	2.15	ppb
Barium	137-1	185.15	180.53	184.96	183.55	1.43	ppb
Beryllium	9-1	0.79	0.78	0.73	0.77	4.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.66	10.43	10.50	10.86	6.36	ppb
Boron	10-1	10.86	11.12	10.89	10.96	1.28	ppb
Cadmium	106-1	-1.03	-0.71	-3.44	-1.73		ppb
Cadmium	108-1	2.78	2.90	2.96	2.88	3.27	ppb
Cadmium	111-1	2.56	2.31	2.33	2.40	5.75	ppb
Calcium	43-1	17681.66	17130.90	17675.58	17496.04	1.81	ppb
Calcium	44-1	18038.28	17706.37	18179.49	17974.71	1.35	ppb
Chromium	52-2	17.61	17.26	17.84	17.57	1.67	ppb
Cobalt	59-2	7.30	6.94	7.20	7.15	2.62	ppb
Copper	63-2	101.72	101.11	102.44	101.76	0.65	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24112.38	23966.34	24696.34	24258.35	1.59	ppb
Iron	57-2	23703.52	23647.31	24213.96	23854.93	1.31	ppb
Lead	206-1	1088.84	1048.17	1096.77	1077.93	2.42	ppb
Lead	207-1	992.54	965.69	1000.69	986.31	1.86	ppb
Lead	208-1	1025.99	1005.56	1036.71	1022.76	1.55	ppb
Lithium	6-1						%
Magnesium	24-2	7819.02	7762.69	7908.08	7829.93	0.94	ppb
Manganese	55-2	313.30	315.12	318.53	315.65	0.84	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	2
Date & Time Acquired ::	2017-09-25 14:18:14	DataFile Name :	051SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.08	1.97	2.32	2.12	8.36	ppb
Molybdenum	94-1	1.40	1.31	1.42	1.38	4.23	ppb
Molybdenum	95-1	2.19	2.03	2.13	2.12	3.89	ppb
Molybdenum	96-1	2.05	1.79	1.96	1.94	6.80	ppb
Molybdenum	97-1	2.04	2.32	2.11	2.15	6.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.03	16.86	17.47	17.12	1.84	ppb
Phosphorus	31-2	1641.93	1336.37	1298.86	1425.72	13.20	ppb
Potassium	39-2	1034.15	1059.21	1105.20	1066.19	3.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	26.07	30.42	21.55	26.01	17.05	ppb
Selenium	78-2	5.20	5.15	3.74	4.69	17.66	ppb
Selenium	82-1	-0.49	-0.47	0.19	-0.26		ppb
Silicon	28-1	1092.25	1073.41	1093.72	1086.46	1.04	ppb
Silver	109-1	0.27	0.26	0.27	0.27	1.57	ppb
Silver	107-1	0.27	0.26	0.27	0.27	1.87	ppb
Sodium	23-2	47.97	42.88	55.66	48.84	13.17	ppb
Strontium	86-1	18.20	17.90	18.37	18.16	1.31	ppb
Strontium	88-1	18.38	17.90	18.44	18.24	1.61	ppb
Sulfur	34-1	-294.04	-712.92	-350.65	-452.54		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.16	0.18	0.13	0.16	15.90	ppb
Thallium	205-1	0.18	0.17	0.18	0.18	3.73	ppb
Tin	118-1	32.22	31.33	32.51	32.02	1.93	ppb
Titanium	47-1	35.93	36.68	36.10	36.24	1.08	ppb
Uranium	238-1	0.73	0.71	0.76	0.73	3.31	ppb
Vanadium	51-2	25.49	25.50	26.25	25.75	1.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	917.53	911.29	925.96	918.26	0.80	ppb
Zirconium	90-1	0.97	0.92	0.96	0.95	3.08	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	2
Date & Time Acquired ::	2017-09-25 14:18:14	DataFile Name :	051SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.85	0.92	0.88	4.56	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DL2X20	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:21:22	DataFile Name :	052SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	749.98	760.14	730.33	746.82	2.03	ppb
Antimony	121-1	1.34	1.31	1.38	1.35	2.59	ppb
Arsenic	75-2	1.55	1.41	1.75	1.57	10.82	ppb
Barium	135-1	18.56	17.67	18.24	18.16	2.50	ppb
Barium	137-1	17.43	18.02	18.20	17.88	2.24	ppb
Beryllium	9-1	0.05	0.11	0.13	0.09	45.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	6.14	6.14	6.03	6.10	1.03	ppb
Boron	10-1	7.09	6.23	6.46	6.59	6.71	ppb
Cadmium	106-1	-4.96	-4.41	-4.61	-4.66		ppb
Cadmium	108-1	0.23	0.40	0.54	0.39	40.43	ppb
Cadmium	111-1	-0.11	-0.02	-0.07	-0.06		ppb
Calcium	43-1	1637.53	1642.76	1687.96	1656.08	1.67	ppb
Calcium	44-1	1697.98	1705.12	1743.43	1715.51	1.42	ppb
Chromium	52-2	1.68	1.59	1.68	1.65	3.31	ppb
Cobalt	59-2	0.66	0.70	0.62	0.66	5.75	ppb
Copper	63-2	9.70	9.40	9.75	9.62	1.94	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2347.18	2234.37	2317.88	2299.81	2.55	ppb
Iron	57-2	2360.38	2255.37	2397.29	2337.68	3.15	ppb
Lead	206-1	103.57	102.54	104.04	103.38	0.74	ppb
Lead	207-1	92.72	91.95	93.76	92.81	0.98	ppb
Lead	208-1	97.57	96.85	98.17	97.53	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	734.45	740.38	780.23	751.69	3.31	ppb
Manganese	55-2	30.32	28.45	28.50	29.09	3.67	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DL2X20	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:21:22	DataFile Name :	052SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.21	0.18	0.26	0.22	19.47	ppb
Molybdenum	94-1	0.14	0.12	0.13	0.13	8.28	ppb
Molybdenum	95-1	0.22	0.21	0.23	0.22	4.86	ppb
Molybdenum	96-1	0.22	0.20	0.24	0.22	9.02	ppb
Molybdenum	97-1	0.23	0.19	0.20	0.21	9.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.65	1.22	1.41	15.73	ppb
Phosphorus	31-2	166.14	130.34	61.34	119.27	44.66	ppb
Potassium	39-2	124.15	80.65	98.49	101.10	21.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	3.42	3.53	1.82	157.02	ppb
Selenium	78-2	-0.58	0.93	-0.63	-0.09		ppb
Selenium	82-1	-0.55	-0.48	-0.76	-0.60		ppb
Silicon	28-1	107.87	106.26	115.53	109.89	4.51	ppb
Silver	109-1	0.06	0.08	0.05	0.06	20.57	ppb
Silver	107-1	0.06	0.08	0.05	0.06	21.12	ppb
Sodium	23-2	2.56	-20.17	-2.68	-6.76		ppb
Strontium	86-1	1.82	1.54	1.84	1.73	9.54	ppb
Strontium	88-1	1.77	1.84	1.83	1.81	1.90	ppb
Sulfur	34-1	-669.00	-947.94	82.90	-511.35		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	31.85	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	47.23	ppb
Tin	118-1	3.14	3.04	3.16	3.11	1.95	ppb
Titanium	47-1	3.40	3.91	3.91	3.74	7.85	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	3.06	ppb
Vanadium	51-2	2.56	2.51	2.31	2.46	5.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	90.95	87.79	90.27	89.67	1.85	ppb
Zirconium	90-1	0.08	0.08	0.11	0.09	17.05	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DL2X20	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:21:22	DataFile Name :	052SMPL_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.06	0.08	0.08	18.20	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:28:23	DataFile Name :	054CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49513.61	50596.60	49336.49	49815.57	1.37	ppb
Antimony	121-1	509.73	512.85	502.12	508.23	1.09	ppb
Arsenic	75-2	506.82	502.21	498.25	502.43	0.85	ppb
Barium	135-1	2522.94	2490.42	2449.91	2487.76	1.47	ppb
Barium	137-1	2522.78	2505.07	2439.14	2489.00	1.77	ppb
Beryllium	9-1	509.27	506.28	499.35	504.97	1.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	493.01	498.37	496.45	495.94	0.55	ppb
Boron	10-1	489.94	496.34	501.40	495.89	1.16	ppb
Cadmium	106-1	502.15	489.49	490.80	494.15	1.41	ppb
Cadmium	108-1	503.91	481.05	483.67	489.54	2.56	ppb
Cadmium	111-1	488.36	484.83	478.04	483.74	1.08	ppb
Calcium	43-1	241511.01	236781.20	232093.49	236795.23	1.99	ppb
Calcium	44-1	241798.79	234718.66	234017.91	236845.12	1.82	ppb
Chromium	52-2	514.05	528.22	515.04	519.10	1.52	ppb
Cobalt	59-2	489.94	505.25	492.47	495.89	1.66	ppb
Copper	63-2	959.63	983.85	952.30	965.26	1.71	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122208.28	125617.33	123123.50	123649.70	1.43	ppb
Iron	57-2	124543.01	128449.74	123914.25	125635.67	1.96	ppb
Lead	206-1	522.36	516.90	510.53	516.60	1.15	ppb
Lead	207-1	522.77	515.98	514.02	517.59	0.89	ppb
Lead	208-1	521.28	518.38	513.08	517.58	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	245865.99	253676.37	246239.74	248594.03	1.77	ppb
Manganese	55-2	1005.32	1022.74	995.27	1007.78	1.38	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:28:23	DataFile Name :	054CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	503.15	495.94	489.07	496.05	1.42	ppb
Molybdenum	94-1	502.69	496.44	480.07	493.07	2.37	ppb
Molybdenum	95-1	498.67	499.47	479.83	492.66	2.26	ppb
Molybdenum	96-1	507.04	499.19	483.86	496.69	2.37	ppb
Molybdenum	97-1	487.43	478.40	467.29	477.70	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.23	514.68	498.46	504.46	1.76	ppb
Phosphorus	31-2	10214.47	10337.23	9667.38	10073.03	3.54	ppb
Potassium	39-2	125719.23	128761.20	125982.95	126821.13	1.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	501.00	483.51	389.99	458.17	13.03	ppb
Selenium	78-2	503.20	522.22	494.50	506.64	2.80	ppb
Selenium	82-1	494.58	493.15	490.30	492.67	0.44	ppb
Silicon	28-1	474.22	464.84	460.45	466.50	1.51	ppb
Silver	109-1	506.25	502.25	493.34	500.61	1.32	ppb
Silver	107-1	506.89	502.63	493.20	500.90	1.40	ppb
Sodium	23-2	243693.33	250501.11	244379.77	246191.40	1.52	ppb
Strontium	86-1	497.52	494.46	483.22	491.73	1.53	ppb
Strontium	88-1	511.03	506.65	491.28	502.99	2.06	ppb
Sulfur	34-1	10068.74	9281.17	8802.04	9383.98	6.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	525.64	517.94	519.87	521.15	0.77	ppb
Thallium	205-1	521.57	520.18	519.95	520.57	0.17	ppb
Tin	118-1	502.23	497.32	484.66	494.74	1.83	ppb
Titanium	47-1	490.36	481.20	472.63	481.39	1.84	ppb
Uranium	238-1	510.88	503.94	494.75	503.19	1.61	ppb
Vanadium	51-2	509.24	521.88	509.06	513.39	1.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	943.40	975.10	945.10	954.53	1.87	ppb
Zirconium	90-1	500.67	492.34	479.86	490.96	2.13	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:28:23	DataFile Name :	054CCV_P8092517-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.46	491.84	478.91	492.40	2.80	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:31:23	DataFile Name :	055CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.06	0.45	-0.82	-0.81		ppb
Antimony	121-1	0.31	0.31	0.33	0.31	3.07	ppb
Arsenic	75-2	-0.03	-0.05	0.00	-0.03		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.01	0.01	42.10	ppb
Beryllium	9-1	0.24	0.19	0.21	0.21	10.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	18.60	17.37	16.53	17.50	5.95	ppb
Boron	10-1	19.92	17.31	14.69	17.31	15.12	ppb
Cadmium	106-1	-5.22	-4.36	-4.76	-4.78		ppb
Cadmium	108-1	-0.02	-0.06	-0.03	-0.04		ppb
Cadmium	111-1	-0.35	-0.30	-0.32	-0.32		ppb
Calcium	43-1	-52.63	-45.01	-59.77	-52.47		ppb
Calcium	44-1	-33.14	-33.93	-30.86	-32.64		ppb
Chromium	52-2	0.01	-0.09	-0.08	-0.05		ppb
Cobalt	59-2	-0.02	-0.03	-0.03	-0.02		ppb
Copper	63-2	-0.06	-0.07	-0.07	-0.07		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.46	1.62	1.66	1.58	6.45	ppb
Iron	57-2	1.28	-2.26	1.95	0.32	702.07	ppb
Lead	206-1	0.12	0.09	0.07	0.09	27.35	ppb
Lead	207-1	0.13	0.13	0.10	0.12	12.68	ppb
Lead	208-1	0.11	0.10	0.10	0.10	4.88	ppb
Lithium	6-1						%
Magnesium	24-2	1.45	2.41	-2.34	0.51	492.80	ppb
Manganese	55-2	-0.31	-0.20	-0.31	-0.27		ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:31:23	DataFile Name :	055CCBE_P8092517-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.13	0.12	0.12	0.12	3.76	ppb
Molybdenum	94-1	0.10	0.07	0.07	0.08	21.61	ppb
Molybdenum	95-1	0.11	0.11	0.14	0.12	17.80	ppb
Molybdenum	96-1	0.13	0.10	0.13	0.12	14.28	ppb
Molybdenum	97-1	0.14	0.15	0.12	0.14	10.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.28	-0.23	-0.24		ppb
Phosphorus	31-2	5.44	-11.62	5.16	-0.34		ppb
Potassium	39-2	13.50	5.57	15.77	11.61	46.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.48	-1.48	-1.48	-1.48		ppb
Selenium	78-2	-0.70	0.05	-1.43	-0.69		ppb
Selenium	82-1	-0.51	-0.94	0.04	-0.47		ppb
Silicon	28-1	-41.92	-43.61	-40.10	-41.88		ppb
Silver	109-1	0.05	0.03	0.05	0.04	27.72	ppb
Silver	107-1	0.05	0.03	0.05	0.04	29.03	ppb
Sodium	23-2	35.25	31.00	27.79	31.35	11.95	ppb
Strontium	86-1	-0.07	-0.02	-0.11	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	111.65	ppb
Sulfur	34-1	-959.68	-999.84	-781.37	-913.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.11	0.10	0.08	0.09	17.78	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	2.67	ppb
Tin	118-1	0.14	0.15	0.13	0.14	5.42	ppb
Titanium	47-1	-0.13	-0.04	-0.08	-0.08		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	0.10	-0.07	0.04	246.91	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	21.18	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:31:23	DataFile Name :	055CCBE_P8092517-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	48.91	ppb

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:46:18	DataFile Name :	003CALB_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	8	14	69.31	cps
Antimony	121-1	25	67	50	47	44.41	cps
Arsenic	75-2	7	6	9	7	24.97	cps
Barium	135-1	50	42	50	47	10.18	cps
Barium	137-1	75	83	75	78	6.19	cps
Beryllium	9-1	200	178	167	181	9.35	cps
Bismuth	209-1	4621308	4609438	4528022	4586256	1.11	cps
Bismuth	209-2	1469203	1473372	1470146	1470907	0.15	cps
Boron	11-1	1308	1208	1142	1220	6.88	cps
Boron	10-1	275	250	267	264	4.82	cps
Cadmium	106-1	2175	2309	2217	2234	3.05	cps
Cadmium	108-1	8	25	8	14	69.31	cps
Cadmium	111-1	1546	1619	1575	1580	2.34	cps
Calcium	43-1	2775	2450	2317	2514	9.38	cps
Calcium	44-1	39147	39966	39231	39448	1.14	cps
Chromium	52-2	603	723	677	668	9.06	cps
Cobalt	59-2	103	97	110	103	6.45	cps
Copper	63-2	460	437	330	409	16.95	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	3	0	17	7	132.33	cps
Gadolinium	160-1	108	125	117	117	7.14	cps
Gadolinium	160-2	20	10	13	14	35.26	cps
Holmium	165-1	7484958	7411690	7322003	7406217	1.10	cps
Holmium	165-2	1863392	1872859	1857659	1864637	0.41	cps
Indium	115-1	6600732	6526229	6445115	6524026	1.19	cps
Indium	115-2	338636	340454	334764	337951	0.86	cps
Iron	56-2	2517	2578	2661	2586	2.81	cps
Iron	57-2	67	100	33	67	50.00	cps
Lead	206-1	672	711	556	646	12.53	cps
Lead	207-1	506	478	500	494	2.97	cps
Lead	208-1	2495	2411	2306	2404	3.94	cps
Lithium	6-1	1077890	1071780	1061704	1070458	0.76	cps
Magnesium	24-2	233	367	408	336	27.20	cps
Manganese	55-2	160	133	190	161	17.59	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:46:18	DataFile Name :	003CALB_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	83	150	117	117	28.57	cps
Molybdenum	94-1	167	167	167	167	0.00	cps
Molybdenum	95-1	50	75	50	58	24.74	cps
Molybdenum	96-1	133	83	100	106	24.12	cps
Molybdenum	97-1	67	75	67	69	6.93	cps
Neodymium	150-1	0	47	7	18	141.96	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	243	310	287	280	12.08	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3634	4009	3851	3831	4.92	cps
Rhodium	103-1	6258309	6158234	6120589	6179044	1.15	cps
Rhodium	103-2	1764660	1793932	1763291	1773961	0.98	cps
Scandium	45-1	3835642	3822282	3755865	3804596	1.12	cps
Scandium	45-2	37955	38048	38072	38025	0.16	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	90	-37	27	27	235.81	cps
Silicon	28-1	576293	566007	567200	569833	0.99	cps
Silver	109-1	25	75	83	61	51.63	cps
Silver	107-1	53	203	227	161	58.39	cps
Sodium	23-2	12456	12614	12164	12411	1.84	cps
Strontium	86-1	1083	1017	867	989	11.22	cps
Strontium	88-1	133	192	133	153	22.05	cps
Sulfur	34-1	406107	407146	403717	405657	0.43	cps
Terbium	159-1	7928877	7815486	7668027	7804130	1.68	cps
Terbium	159-2	1820447	1833742	1819147	1824445	0.44	cps
Thallium	203-1	133	58	125	106	38.94	cps
Thallium	205-1	200	300	283	261	20.52	cps
Tin	118-1	717	592	742	683	11.76	cps
Titanium	47-1	175	200	250	208	18.33	cps
Uranium	238-1	192	208	217	206	6.19	cps
Vanadium	51-2	10	17	27	18	47.19	cps
Yttrium	89-1	7015627	6913379	6891744	6940250	0.95	cps
Yttrium	89-2	250356	252717	253076	252050	0.59	cps
Zinc	66-2	70	47	43	53	27.24	cps
Zirconium	90-1	458	600	442	500	17.40	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:46:18	DataFile Name :	003CALB_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	92	142	136	30.82	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:53:25	DataFile Name :	005CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	150	117	125	17.64	cps
Antimony	121-1	14834	14233	13149	14072	6.07	cps
Arsenic	75-2	83	85	87	85	2.18	cps
Barium	135-1	14483	14408	13249	14047	4.93	cps
Barium	137-1	25342	25250	23614	24735	3.93	cps
Beryllium	9-1	1322	1322	1100	1248	10.28	cps
Bismuth	209-1	4496114	4420711	4060098	4325641	5.39	cps
Bismuth	209-2	1316759	1352006	1332415	1333727	1.32	cps
Boron	11-1	15959	15284	15134	15459	2.85	cps
Boron	10-1	3251	3551	3284	3362	4.89	cps
Cadmium	106-1	2192	2167	1942	2100	6.56	cps
Cadmium	108-1	138	96	104	113	19.59	cps
Cadmium	111-1	3017	2958	2820	2932	3.46	cps
Calcium	43-1	9804	9812	8953	9523	5.18	cps
Calcium	44-1	165154	163998	151089	160080	4.88	cps
Chromium	52-2	2340	2157	2140	2212	5.02	cps
Cobalt	59-2	1650	1590	1603	1615	1.95	cps
Copper	63-2	3464	3380	3200	3348	4.02	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	75	125	83	94	28.37	cps
Gadolinium	160-2	27	13	3	14	81.07	cps
Holmium	165-1	7382030	7362543	6617957	7120844	6.12	cps
Holmium	165-2	1676255	1710101	1688298	1691551	1.01	cps
Indium	115-1	6400629	6450934	5844951	6232171	5.40	cps
Indium	115-2	307292	310469	304922	307561	0.90	cps
Iron	56-2	26849	26715	26815	26793	0.26	cps
Iron	57-2	622	817	744	728	13.51	cps
Lead	206-1	5101	5040	4890	5010	2.17	cps
Lead	207-1	4723	4707	4506	4645	2.60	cps
Lead	208-1	20985	20741	19779	20501	3.11	cps
Lithium	6-1	1090037	1085213	996243	1057165	5.00	cps
Magnesium	24-2	13657	13449	13065	13390	2.24	cps
Manganese	55-2	320	367	293	327	11.36	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:53:25	DataFile Name :	005CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	23538	24006	21276	22940	6.36	cps
Molybdenum	94-1	12965	12164	11697	12275	5.22	cps
Molybdenum	95-1	14066	14358	13532	13986	2.99	cps
Molybdenum	96-1	17128	16519	15676	16441	4.43	cps
Molybdenum	97-1	9112	9370	8862	9115	2.79	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	697	650	663	670	3.59	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	11730	12006	11814	11850	1.19	cps
Rhodium	103-1	6162092	6071053	5523905	5919017	5.83	cps
Rhodium	103-2	1603778	1662054	1611371	1625734	1.95	cps
Scandium	45-1	3849275	3827541	3430241	3702353	6.37	cps
Scandium	45-2	34379	35462	35548	35130	1.85	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	19	6	20	15	54.46	cps
Selenium	82-1	461	462	484	469	2.83	cps
Silicon	28-1	602725	589751	597301	596592	1.09	cps
Silver	109-1	8812	9562	8962	9112	4.36	cps
Silver	107-1	24437	26821	24918	25392	4.96	cps
Sodium	23-2	44897	44546	44353	44599	0.62	cps
Strontium	86-1	3492	3167	2692	3117	12.91	cps
Strontium	88-1	18129	17370	15993	17164	6.31	cps
Sulfur	34-1	409181	410003	401953	407045	1.09	cps
Terbium	159-1	7733977	7748644	6993727	7492116	5.76	cps
Terbium	159-2	1629276	1665646	1655263	1650062	1.14	cps
Thallium	203-1	5518	4893	4401	4937	11.34	cps
Thallium	205-1	11948	11964	11281	11731	3.33	cps
Tin	118-1	24674	24490	22887	24017	4.09	cps
Titanium	47-1	4493	4509	3467	4156	14.36	cps
Uranium	238-1	14718	14334	13275	14109	5.30	cps
Vanadium	51-2	2654	2737	2710	2700	1.58	cps
Yttrium	89-1	6943858	6970906	6215544	6710102	6.39	cps
Yttrium	89-2	226066	233871	231258	230398	1.72	cps
Zinc	66-2	297	327	360	328	9.66	cps
Zirconium	90-1	11130	10988	9937	10685	6.10	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:53:25	DataFile Name :	005CALS_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2567	2575	2342	2495	5.31	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:56:53	DataFile Name :	006CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6052	6093	6810	6318	6.75	cps
Antimony	121-1	408395	404958	379330	397561	3.99	cps
Arsenic	75-2	5346	5442	5542	5443	1.80	cps
Barium	135-1	419832	416883	390439	409051	3.96	cps
Barium	137-1	714423	715064	664650	698046	4.14	cps
Beryllium	9-1	65197	64690	59439	63109	5.05	cps
Bismuth	209-1	4520477	4464640	4192913	4392677	3.99	cps
Bismuth	209-2	1370803	1395456	1460108	1408789	3.27	cps
Boron	11-1	32997	33532	33841	33457	1.28	cps
Boron	10-1	7594	7536	7177	7436	3.04	cps
Cadmium	106-1	11297	11639	10079	11005	7.45	cps
Cadmium	108-1	6031	6560	5693	6095	7.17	cps
Cadmium	111-1	90392	88744	84670	87936	3.35	cps
Calcium	43-1	88169	90500	83448	87372	4.11	cps
Calcium	44-1	1455592	1468630	1393473	1439232	2.79	cps
Chromium	52-2	42287	44541	44875	43901	3.21	cps
Cobalt	59-2	87881	88828	93065	89925	3.07	cps
Copper	63-2	149376	153093	157733	153401	2.73	cps
Dysprosium	156-1	58	8	58	42	69.29	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	58	133	83	92	41.66	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	7331162	7330673	6918311	7193382	3.31	cps
Holmium	165-2	1733453	1767771	1861638	1787621	3.71	cps
Indium	115-1	6474898	6482332	5955366	6304198	4.79	cps
Indium	115-2	311480	318485	332367	320778	3.31	cps
Iron	56-2	1421618	1461045	1508429	1463697	2.97	cps
Iron	57-2	35190	35602	37635	36142	3.62	cps
Lead	206-1	221953	219240	206968	216053	3.70	cps
Lead	207-1	198824	201204	185268	195099	4.41	cps
Lead	208-1	890790	894551	836117	873819	3.74	cps
Lithium	6-1	1078193	1074578	1015772	1056181	3.32	cps
Magnesium	24-2	155592	158063	161956	158537	2.02	cps
Manganese	55-2	23904	24599	24906	24469	2.10	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:56:53	DataFile Name :	006CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	272552	269895	255008	265818	3.56	cps
Molybdenum	94-1	314989	314362	292954	307435	4.08	cps
Molybdenum	95-1	171834	170061	159425	167107	4.02	cps
Molybdenum	96-1	216295	219760	208962	215006	2.56	cps
Molybdenum	97-1	106869	104669	98297	103278	4.31	cps
Neodymium	150-1	20	33	13	22	45.83	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	26035	25767	27601	26468	3.74	cps
Phosphorus	31-2	525	433	542	500	11.67	cps
Potassium	39-2	50241	51069	52674	51328	2.41	cps
Rhodium	103-1	6138886	6080638	5661145	5960223	4.37	cps
Rhodium	103-2	1644092	1664990	1697387	1668823	1.61	cps
Scandium	45-1	3845603	3799937	3613623	3753055	3.27	cps
Scandium	45-2	36010	36354	37440	36601	2.04	cps
Selenium	77-2	27	47	30	34	31.11	cps
Selenium	78-2	133	139	122	131	6.46	cps
Selenium	82-1	5507	5597	5367	5490	2.11	cps
Silicon	28-1	780821	786959	761469	776416	1.71	cps
Silver	109-1	402817	404283	376998	394699	3.89	cps
Silver	107-1	1123075	1128079	1051259	1100805	3.90	cps
Sodium	23-2	388859	389908	409588	396118	2.95	cps
Strontium	86-1	110738	110452	104953	108714	3.00	cps
Strontium	88-1	957692	951009	888036	932246	4.12	cps
Sulfur	34-1	440737	442678	439394	440936	0.37	cps
Terbium	159-1	7671435	7666439	7165003	7500959	3.88	cps
Terbium	159-2	1723014	1694886	1789317	1735739	2.79	cps
Thallium	203-1	276077	269675	257406	267719	3.54	cps
Thallium	205-1	651506	644041	606248	633931	3.83	cps
Tin	118-1	276130	276489	257689	270103	3.98	cps
Titanium	47-1	47423	46913	43703	46013	4.38	cps
Uranium	238-1	826186	822599	781242	810009	3.08	cps
Vanadium	51-2	31412	32384	33711	32502	3.55	cps
Yttrium	89-1	6952012	6860660	6447729	6753467	3.98	cps
Yttrium	89-2	234740	237739	247305	239928	2.74	cps
Zinc	66-2	14224	14331	14404	14320	0.63	cps
Zirconium	90-1	610199	601985	559678	590621	4.59	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 11:56:53	DataFile Name :	006CALS_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	134829	134695	126089	131871	3.80	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:00:21	DataFile Name :	007CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17153	16919	17019	17030	0.69	cps
Antimony	121-1	1032060	1047713	1044537	1041437	0.79	cps
Arsenic	75-2	13927	14028	13839	13931	0.68	cps
Barium	135-1	1055507	1057626	1061192	1058108	0.27	cps
Barium	137-1	1816707	1831699	1823946	1824117	0.41	cps
Beryllium	9-1	158153	159305	160075	159178	0.61	cps
Bismuth	209-1	4630278	4622200	4575025	4609168	0.65	cps
Bismuth	209-2	1471105	1459159	1483988	1471417	0.84	cps
Boron	11-1	82387	82294	85815	83498	2.40	cps
Boron	10-1	17828	18538	17378	17915	3.26	cps
Cadmium	106-1	24598	24690	24648	24646	0.19	cps
Cadmium	108-1	15559	15563	15780	15634	0.81	cps
Cadmium	111-1	226675	222942	226158	225259	0.90	cps
Calcium	43-1	219592	221590	221922	221034	0.57	cps
Calcium	44-1	3632500	3612837	3628297	3624545	0.29	cps
Chromium	52-2	112948	113899	113623	113490	0.43	cps
Cobalt	59-2	233402	230705	232944	232350	0.62	cps
Copper	63-2	395132	394109	397239	395493	0.40	cps
Dysprosium	156-1	50	67	25	47	44.41	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	108	142	133	128	13.58	cps
Gadolinium	160-2	27	30	10	22	48.22	cps
Holmium	165-1	7484323	7479710	7439802	7467945	0.33	cps
Holmium	165-2	1887512	1863529	1875853	1875632	0.64	cps
Indium	115-1	6469522	6431092	6438977	6446530	0.31	cps
Indium	115-2	333140	333339	333361	333280	0.04	cps
Iron	56-2	3784804	3762682	3755987	3767825	0.40	cps
Iron	57-2	95123	93132	93366	93874	1.16	cps
Lead	206-1	557875	559511	562141	559842	0.38	cps
Lead	207-1	503340	508451	504215	505335	0.54	cps
Lead	208-1	2267862	2288564	2280254	2278893	0.46	cps
Lithium	6-1	1107302	1077527	1109696	1098175	1.63	cps
Magnesium	24-2	413755	413081	412927	413254	0.11	cps
Manganese	55-2	63487	63105	63259	63284	0.30	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:00:21	DataFile Name :	007CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	688136	683371	687420	686309	0.37	cps
Molybdenum	94-1	796803	802727	799324	799618	0.37	cps
Molybdenum	95-1	429584	424199	427284	427022	0.63	cps
Molybdenum	96-1	552629	555031	553818	553826	0.22	cps
Molybdenum	97-1	264366	266782	267771	266306	0.66	cps
Neodymium	150-1	40	100	33	58	63.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	69151	68980	68595	68908	0.41	cps
Phosphorus	31-2	1233	1175	1367	1258	7.81	cps
Potassium	39-2	126337	125624	127575	126512	0.78	cps
Rhodium	103-1	6115055	6070115	5997536	6060902	0.98	cps
Rhodium	103-2	1757082	1737029	1732417	1742176	0.75	cps
Scandium	45-1	3904135	3884369	3868905	3885803	0.45	cps
Scandium	45-2	37995	38185	38329	38170	0.44	cps
Selenium	77-2	137	67	93	99	35.72	cps
Selenium	78-2	335	315	344	331	4.57	cps
Selenium	82-1	14467	14531	14224	14407	1.12	cps
Silicon	28-1	989191	988647	999084	992307	0.59	cps
Silver	109-1	1022607	1014527	1022514	1019883	0.45	cps
Silver	107-1	2852379	2828420	2853066	2844622	0.49	cps
Sodium	23-2	1022533	1012544	1023227	1019434	0.59	cps
Strontium	86-1	279556	279406	279175	279379	0.07	cps
Strontium	88-1	2414434	2432991	2424285	2423903	0.38	cps
Sulfur	34-1	491872	488521	487079	489157	0.50	cps
Terbium	159-1	7962149	7740997	7884412	7862519	1.43	cps
Terbium	159-2	1822286	1813063	1842291	1825880	0.82	cps
Thallium	203-1	689243	688631	690836	689570	0.17	cps
Thallium	205-1	1645417	1634260	1642231	1640636	0.35	cps
Tin	118-1	689005	695554	698623	694394	0.71	cps
Titanium	47-1	119322	119564	118248	119045	0.59	cps
Uranium	238-1	2163608	2148174	2152275	2154686	0.37	cps
Vanadium	51-2	82736	82428	84007	83057	1.01	cps
Yttrium	89-1	6926144	7004484	6891563	6940730	0.83	cps
Yttrium	89-2	248263	250074	251411	249916	0.63	cps
Zinc	66-2	37380	37193	36729	37101	0.90	cps
Zirconium	90-1	1552924	1556658	1547798	1552460	0.29	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:00:21	DataFile Name :	007CALS_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	338446	340918	338795	339386	0.39	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:03:46	DataFile Name :	008CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33374	33307	32856	33179	0.85	cps
Antimony	121-1	2147975	2155704	2140561	2148080	0.35	cps
Arsenic	75-2	28069	27988	28056	28038	0.16	cps
Barium	135-1	2163617	2187697	2169729	2173681	0.58	cps
Barium	137-1	3758319	3741699	3690374	3730131	0.95	cps
Beryllium	9-1	322491	320884	321095	321490	0.27	cps
Bismuth	209-1	4772124	4802656	4724341	4766374	0.83	cps
Bismuth	209-2	1480833	1444118	1461015	1461989	1.26	cps
Boron	11-1	168126	172694	170062	170294	1.35	cps
Boron	10-1	35294	37533	37016	36614	3.20	cps
Cadmium	106-1	47058	47987	47752	47599	1.01	cps
Cadmium	108-1	32193	32498	31516	32069	1.57	cps
Cadmium	111-1	455026	452317	453313	453552	0.30	cps
Calcium	43-1	437652	443432	440821	440635	0.66	cps
Calcium	44-1	7177011	7167648	7158098	7167586	0.13	cps
Chromium	52-2	227362	221511	223656	224176	1.32	cps
Cobalt	59-2	466833	460404	458946	462061	0.91	cps
Copper	63-2	787007	782969	783876	784617	0.27	cps
Dysprosium	156-1	42	92	50	61	43.83	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	117	142	83	114	25.69	cps
Gadolinium	160-2	17	33	20	23	37.78	cps
Holmium	165-1	7740922	7825807	7609293	7725341	1.41	cps
Holmium	165-2	1881587	1830199	1850615	1854133	1.40	cps
Indium	115-1	6554198	6666771	6557978	6592982	0.97	cps
Indium	115-2	329309	321887	325769	325655	1.14	cps
Iron	56-2	7491881	7353095	7358548	7401175	1.06	cps
Iron	57-2	188800	184939	184517	186085	1.27	cps
Lead	206-1	1144127	1148603	1147445	1146725	0.20	cps
Lead	207-1	1033855	1050318	1038095	1040756	0.82	cps
Lead	208-1	4729488	4821391	4754763	4768547	1.00	cps
Lithium	6-1	1117923	1150546	1118732	1129067	1.65	cps
Magnesium	24-2	824399	824385	822202	823662	0.15	cps
Manganese	55-2	125702	124919	124657	125093	0.43	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:03:46	DataFile Name :	008CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1430943	1389351	1378875	1399723	1.97	cps
Molybdenum	94-1	1627768	1646353	1626280	1633467	0.68	cps
Molybdenum	95-1	856356	856953	869527	860946	0.86	cps
Molybdenum	96-1	1104465	1110714	1117806	1110995	0.60	cps
Molybdenum	97-1	542400	542600	535124	540041	0.79	cps
Neodymium	150-1	53	87	80	73	24.05	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	135734	133748	134680	134721	0.74	cps
Phosphorus	31-2	2709	2775	2792	2759	1.60	cps
Potassium	39-2	247753	245320	242023	245032	1.17	cps
Rhodium	103-1	6146698	6234722	6063690	6148370	1.39	cps
Rhodium	103-2	1735600	1708044	1742946	1728863	1.06	cps
Scandium	45-1	3915058	4014340	3899705	3943034	1.58	cps
Scandium	45-2	38196	37313	38008	37839	1.23	cps
Selenium	77-2	247	163	200	203	20.54	cps
Selenium	78-2	693	682	674	683	1.37	cps
Selenium	82-1	28822	28596	28635	28684	0.42	cps
Silicon	28-1	1406378	1402990	1384646	1398005	0.84	cps
Silver	109-1	2108244	2076718	2086985	2090649	0.77	cps
Silver	107-1	5883311	5791580	5819680	5831524	0.81	cps
Sodium	23-2	2091475	2073004	2034737	2066405	1.40	cps
Strontium	86-1	554663	559578	558829	557690	0.47	cps
Strontium	88-1	4792839	4809822	4796225	4799629	0.19	cps
Sulfur	34-1	556570	554924	555299	555598	0.16	cps
Terbium	159-1	8208555	8201468	8027311	8145778	1.26	cps
Terbium	159-2	1823315	1784808	1794713	1800945	1.11	cps
Thallium	203-1	1420274	1413951	1435115	1423113	0.76	cps
Thallium	205-1	3435558	3411959	3407857	3418458	0.44	cps
Tin	118-1	1408848	1418983	1414505	1414112	0.36	cps
Titanium	47-1	239048	238156	236007	237737	0.66	cps
Uranium	238-1	4452404	4379351	4424557	4418771	0.83	cps
Vanadium	51-2	166567	165251	165107	165642	0.49	cps
Yttrium	89-1	6909739	7101884	7044838	7018820	1.41	cps
Yttrium	89-2	249082	244273	246059	246471	0.99	cps
Zinc	66-2	74636	72511	73098	73415	1.49	cps
Zirconium	90-1	3088397	3073688	3103422	3088502	0.48	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:03:46	DataFile Name :	008CALS_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	678381	685484	685075	682980	0.58	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:07:04	DataFile Name :	009CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65000	65862	63166	64676	2.13	cps
Antimony	121-1	4267030	4311622	4323498	4300716	0.69	cps
Arsenic	75-2	54399	54178	53897	54158	0.46	cps
Barium	135-1	4348276	4404042	4384286	4378868	0.65	cps
Barium	137-1	7426833	7448005	7480385	7451741	0.36	cps
Beryllium	9-1	640141	648579	654312	647677	1.10	cps
Bismuth	209-1	5038578	4926630	5016804	4994004	1.19	cps
Bismuth	209-2	1451147	1437381	1401644	1430057	1.79	cps
Boron	11-1	336175	348643	352488	345768	2.47	cps
Boron	10-1	74125	74518	76940	75194	2.03	cps
Cadmium	106-1	94354	95605	95999	95319	0.90	cps
Cadmium	108-1	64198	64298	63926	64141	0.30	cps
Cadmium	111-1	917388	914647	920440	917492	0.32	cps
Calcium	43-1	872886	892651	886521	884019	1.14	cps
Calcium	44-1	14252373	14497403	14463449	14404408	0.92	cps
Chromium	52-2	432195	430943	432493	431877	0.19	cps
Cobalt	59-2	894347	896859	886235	892480	0.62	cps
Copper	63-2	1553650	1524152	1527401	1535068	1.05	cps
Dysprosium	156-1	75	58	117	83	36.05	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	3	20	13	12	68.66	cps
Gadolinium	160-1	125	117	125	122	3.94	cps
Gadolinium	160-2	23	17	13	18	28.64	cps
Holmium	165-1	8118635	7921163	8014563	8018120	1.23	cps
Holmium	165-2	1860611	1855639	1765996	1827415	2.91	cps
Indium	115-1	6748968	6452756	6667496	6623073	2.31	cps
Indium	115-2	316933	311332	301074	309779	2.60	cps
Iron	56-2	14440834	14455252	14242950	14379679	0.82	cps
Iron	57-2	361717	364002	362097	362605	0.34	cps
Lead	206-1	2401618	2466924	2448385	2438976	1.38	cps
Lead	207-1	2207434	2270405	2260045	2245961	1.50	cps
Lead	208-1	9916843	10081329	10071919	10023363	0.92	cps
Lithium	6-1	1166410	1135299	1167496	1156402	1.58	cps
Magnesium	24-2	1628426	1622328	1646017	1632257	0.75	cps
Manganese	55-2	242568	240334	237988	240297	0.95	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:07:04	DataFile Name :	009CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2843939	2860884	2854651	2853158	0.30	cps
Molybdenum	94-1	3288719	3304987	3255844	3283184	0.76	cps
Molybdenum	95-1	1752106	1771550	1742718	1755458	0.84	cps
Molybdenum	96-1	2293301	2299651	2294504	2295819	0.15	cps
Molybdenum	97-1	1085928	1088380	1095496	1089935	0.46	cps
Neodymium	150-1	193	207	140	180	19.60	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	262157	262947	261780	262295	0.23	cps
Phosphorus	31-2	5134	4659	5310	5034	6.68	cps
Potassium	39-2	468448	467594	460640	465560	0.92	cps
Rhodium	103-1	6252442	6066600	6078344	6132462	1.70	cps
Rhodium	103-2	1717826	1692676	1656766	1689089	1.82	cps
Scandium	45-1	4039951	3868880	3925273	3944701	2.21	cps
Scandium	45-2	37206	36758	36297	36754	1.24	cps
Selenium	77-2	310	380	407	366	13.66	cps
Selenium	78-2	1220	1304	1250	1258	3.36	cps
Selenium	82-1	57617	57817	57529	57654	0.26	cps
Silicon	28-1	2197122	2246116	2196392	2213210	1.29	cps
Silver	109-1	4195450	4166548	4199989	4187329	0.43	cps
Silver	107-1	11704806	11624950	11724548	11684768	0.45	cps
Sodium	23-2	3943883	3934276	3897039	3925066	0.63	cps
Strontium	86-1	1108538	1125177	1119254	1117656	0.75	cps
Strontium	88-1	9537326	9670375	9439897	9549200	1.21	cps
Sulfur	34-1	692100	689726	685061	688962	0.52	cps
Terbium	159-1	8436782	8259973	8470595	8389117	1.35	cps
Terbium	159-2	1788830	1810269	1730832	1776644	2.31	cps
Thallium	203-1	2998706	3029873	3066985	3031855	1.13	cps
Thallium	205-1	7023212	7063773	7186907	7091297	1.20	cps
Tin	118-1	2925874	2913394	2913405	2917557	0.25	cps
Titanium	47-1	469069	475158	473435	472554	0.66	cps
Uranium	238-1	9157933	9337249	9309345	9268175	1.04	cps
Vanadium	51-2	321439	321277	318882	320533	0.45	cps
Yttrium	89-1	7223292	6958601	7025079	7068991	1.95	cps
Yttrium	89-2	241176	236568	232027	236591	1.93	cps
Zinc	66-2	139705	139139	140032	139625	0.32	cps
Zirconium	90-1	6175255	6188730	6166657	6176881	0.18	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:07:04	DataFile Name :	009CALS_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1385724	1384353	1380732	1383603	0.19	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:10:17	DataFile Name :	010CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119323	119568	118987	119293	0.24	cps
Antimony	121-1	7971768	8225597	8205974	8134446	1.74	cps
Arsenic	75-2	93267	95147	94065	94160	1.00	cps
Barium	135-1	8494485	8711444	8786271	8664067	1.75	cps
Barium	137-1	14504126	15044627	15062496	14870416	2.13	cps
Beryllium	9-1	1215554	1264230	1255114	1244966	2.08	cps
Bismuth	209-1	5039020	5241857	5230022	5170300	2.20	cps
Bismuth	209-2	1330899	1344527	1352017	1342481	0.80	cps
Boron	11-1	681427	711899	719440	704256	2.86	cps
Boron	10-1	148443	155341	156746	153510	2.89	cps
Cadmium	106-1	176507	179354	181177	179013	1.31	cps
Cadmium	108-1	120138	121907	121012	121019	0.73	cps
Cadmium	111-1	1710884	1759123	1772237	1747415	1.85	cps
Calcium	43-1	1713752	1786926	1771661	1757447	2.20	cps
Calcium	44-1	27695028	28410769	28436351	28180716	1.49	cps
Chromium	52-2	746721	750070	746542	747778	0.27	cps
Cobalt	59-2	1611987	1599851	1615614	1609151	0.51	cps
Copper	63-2	2758620	2771900	2764355	2764958	0.24	cps
Dysprosium	156-1	367	192	200	253	39.05	cps
Dysprosium	156-2	27	57	23	36	51.64	cps
Erbium	164-1	75	92	75	81	11.95	cps
Erbium	164-2	17	7	17	13	43.29	cps
Gadolinium	160-1	208	225	258	231	11.04	cps
Gadolinium	160-2	43	27	33	34	24.35	cps
Holmium	165-1	8099415	8444200	8473870	8339161	2.50	cps
Holmium	165-2	1707199	1731053	1708670	1715640	0.78	cps
Indium	115-1	6474640	6765089	6647842	6629190	2.20	cps
Indium	115-2	280575	280407	279984	280322	0.11	cps
Iron	56-2	26396564	26297083	26450695	26381448	0.30	cps
Iron	57-2	659828	668254	666744	664942	0.68	cps
Lead	206-1	4687089	4811703	4869433	4789409	1.95	cps
Lead	207-1	4331147	4426520	4495625	4417764	1.87	cps
Lead	208-1	19355412	19674876	19878155	19636148	1.34	cps
Lithium	6-1	1154674	1196237	1189014	1179975	1.88	cps
Magnesium	24-2	2994759	2972658	2942091	2969836	0.89	cps
Manganese	55-2	430958	431164	430434	430852	0.09	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:10:17	DataFile Name :	010CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5574446	5747182	5710359	5677329	1.60	cps
Molybdenum	94-1	6336613	6522339	6593832	6484262	2.05	cps
Molybdenum	95-1	3437653	3495611	3497619	3476961	0.98	cps
Molybdenum	96-1	4438296	4583290	4582176	4534588	1.84	cps
Molybdenum	97-1	2176065	2211259	2222851	2203391	1.11	cps
Neodymium	150-1	367	393	460	407	11.82	cps
Neodymium	150-2	13	13	37	21	63.83	cps
Nickel	60-2	452099	455516	452108	453241	0.43	cps
Phosphorus	31-2	8753	8720	9028	8834	1.92	cps
Potassium	39-2	833549	838117	840979	837548	0.45	cps
Rhodium	103-1	6017269	6204279	6151297	6124282	1.57	cps
Rhodium	103-2	1577297	1585944	1565800	1576347	0.64	cps
Scandium	45-1	3872697	4006136	3870439	3916424	1.98	cps
Scandium	45-2	34118	34132	34422	34224	0.50	cps
Selenium	77-2	720	680	520	640	16.54	cps
Selenium	78-2	2298	2189	2191	2226	2.81	cps
Selenium	82-1	105773	109333	109373	108159	1.91	cps
Silicon	28-1	3717563	3821034	3836707	3791768	1.71	cps
Silver	109-1	7727492	7889065	8053215	7889924	2.06	cps
Silver	107-1	21545169	21997204	22481175	22007849	2.13	cps
Sodium	23-2	7194869	7175537	7171579	7180662	0.17	cps
Strontium	86-1	2208642	2259367	2282645	2250218	1.68	cps
Strontium	88-1	18741705	19303198	19495814	19180239	2.04	cps
Sulfur	34-1	941167	952449	955885	949834	0.81	cps
Terbium	159-1	8494142	8807941	8729401	8677161	1.88	cps
Terbium	159-2	1657447	1658008	1678519	1664658	0.72	cps
Thallium	203-1	5821230	5972272	6066196	5953233	2.08	cps
Thallium	205-1	13621550	14020633	14305033	13982406	2.46	cps
Tin	118-1	5654990	5802826	5835043	5764286	1.67	cps
Titanium	47-1	918886	946339	942013	935746	1.58	cps
Uranium	238-1	19141693	19644694	19748293	19511560	1.66	cps
Vanadium	51-2	565277	568501	564814	566197	0.35	cps
Yttrium	89-1	6963912	7214421	7120827	7099720	1.78	cps
Yttrium	89-2	218385	221674	218664	219574	0.83	cps
Zinc	66-2	258238	260923	258039	259067	0.62	cps
Zirconium	90-1	12047872	12494483	12543297	12361884	2.21	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:10:17	DataFile Name :	010CALS_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2733212	2816247	2844052	2797837	2.06	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:13:25	DataFile Name :	011CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	598455	597871	610969	602432	1.23	cps
Antimony	121-1	18555	19298	18530	18795	2.32	cps
Arsenic	75-2	30	46	46	41	23.62	cps
Barium	135-1	2475	2859	2667	2667	7.19	cps
Barium	137-1	5135	5051	4776	4987	3.76	cps
Beryllium	9-1	689	656	572	639	9.41	cps
Bismuth	209-1	5014370	4976871	4834416	4941886	1.92	cps
Bismuth	209-2	1283436	1283877	1292362	1286558	0.39	cps
Boron	11-1	30483	28345	27428	28752	5.45	cps
Boron	10-1	6777	6293	5743	6271	8.25	cps
Cadmium	106-1	1925	1834	2250	2003	10.93	cps
Cadmium	108-1	29	21	29	26	18.25	cps
Cadmium	111-1	1656	1544	1830	1677	8.59	cps
Calcium	43-1	8746036	8856543	8647928	8750169	1.19	cps
Calcium	44-1	141150445	143035299	140164132	141449959	1.03	cps
Chromium	52-2	5661	6155	6268	6028	5.35	cps
Cobalt	59-2	1960	1867	1810	1879	4.03	cps
Copper	63-2	4547	4634	4387	4523	2.77	cps
Dysprosium	156-1	108	42	67	72	46.63	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	75	67	25	56	48.22	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	150	108	167	142	21.21	cps
Gadolinium	160-2	20	30	17	22	31.22	cps
Holmium	165-1	8219427	8440843	8025924	8228731	2.52	cps
Holmium	165-2	1738351	1775334	1748881	1754189	1.09	cps
Indium	115-1	6444868	6431965	6309670	6395501	1.17	cps
Indium	115-2	283217	284856	285648	284574	0.44	cps
Iron	56-2	129650420	127424361	128734561	128603114	0.87	cps
Iron	57-2	3264564	3184994	3247176	3232245	1.29	cps
Lead	206-1	7942	8409	7869	8073	3.63	cps
Lead	207-1	6724	6919	6797	6813	1.44	cps
Lead	208-1	32623	31866	31845	32111	1.38	cps
Lithium	6-1	1163300	1151930	1111269	1142166	2.40	cps
Magnesium	24-2	14509457	14382768	14677016	14523080	1.02	cps
Manganese	55-2	1587	1487	1503	1526	3.51	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:13:25	DataFile Name :	011CAL5_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	7052	7294	7119	7155	1.75	cps
Molybdenum	94-1	3759	3492	3492	3581	4.30	cps
Molybdenum	95-1	4534	4701	4768	4668	2.58	cps
Molybdenum	96-1	6560	6594	6619	6591	0.44	cps
Molybdenum	97-1	3042	3000	2517	2853	10.23	cps
Neodymium	150-1	93	73	73	80	14.43	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	1700	1620	1763	1695	4.24	cps
Phosphorus	31-2	8	0	42	17	132.30	cps
Potassium	39-2	4158364	4111443	4188737	4152848	0.94	cps
Rhodium	103-1	5835463	5919837	5680221	5811840	2.09	cps
Rhodium	103-2	1551275	1510024	1520547	1527282	1.40	cps
Scandium	45-1	3816346	3888041	3765397	3823261	1.61	cps
Scandium	45-2	33604	34539	33557	33900	1.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-28	87	84	48	137.00	cps
Silicon	28-1	546369	535082	532391	537947	1.38	cps
Silver	109-1	817	783	675	758	9.77	cps
Silver	107-1	2284	2155	1857	2098	10.43	cps
Sodium	23-2	35352979	35108249	35682071	35381099	0.81	cps
Strontium	86-1	75442	76992	75821	76085	1.06	cps
Strontium	88-1	650675	655265	646325	650755	0.69	cps
Sulfur	34-1	395843	398329	394389	396187	0.50	cps
Terbium	159-1	8509272	8698394	8355590	8521085	2.02	cps
Terbium	159-2	1697401	1696064	1700199	1697888	0.12	cps
Thallium	203-1	2250	2267	1850	2123	11.12	cps
Thallium	205-1	5835	5368	5110	5438	6.76	cps
Tin	118-1	4334	4268	4259	4287	0.96	cps
Titanium	47-1	642	633	783	686	12.29	cps
Uranium	238-1	1625	1650	1692	1656	2.03	cps
Vanadium	51-2	123	120	183	142	25.06	cps
Yttrium	89-1	6983357	7049333	6861172	6964621	1.37	cps
Yttrium	89-2	221861	221988	221840	221896	0.04	cps
Zinc	66-2	987	997	997	993	0.58	cps
Zirconium	90-1	2609	2367	2417	2464	5.18	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:13:25	DataFile Name :	011CALS_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	483	575	417	492	16.17	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:16:44	DataFile Name :	012ICV01_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3359	3409	3334	3367	1.13	cps
Antimony	121-1	1693191	1760287	1747410	1733629	2.05	cps
Arsenic	75-2	20725	20423	20493	20547	0.77	cps
Barium	135-1	174226	176858	174587	175223	0.81	cps
Barium	137-1	300998	303702	301485	302062	0.48	cps
Beryllium	9-1	128049	133367	131333	130916	2.05	cps
Bismuth	209-1	5087686	5140122	5323346	5183718	2.39	cps
Bismuth	209-2	1381605	1373927	1376718	1377417	0.28	cps
Boron	11-1	430552	449736	442402	440897	2.20	cps
Boron	10-1	93974	96296	96624	95631	1.51	cps
Cadmium	106-1	31872	32106	30427	31468	2.89	cps
Cadmium	108-1	16548	17624	17291	17154	3.21	cps
Cadmium	111-1	188453	191959	189996	190136	0.92	cps
Calcium	43-1	40025	40919	41304	40749	1.61	cps
Calcium	44-1	644234	659007	659474	654238	1.32	cps
Chromium	52-2	81948	80178	79994	80707	1.34	cps
Cobalt	59-2	176080	172561	171613	173418	1.36	cps
Copper	63-2	151171	147846	146927	148648	1.50	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	33	83	53	50.76	cps
Erbium	164-2	0	20	27	16	89.22	cps
Gadolinium	160-1	92	117	142	117	21.43	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	8092089	8029970	8447224	8189761	2.75	cps
Holmium	165-2	1733540	1725727	1716595	1725287	0.49	cps
Indium	115-1	6691793	6703691	6983352	6792946	2.43	cps
Indium	115-2	299136	294546	293087	295589	1.07	cps
Iron	56-2	551250	543115	540326	544897	1.04	cps
Iron	57-2	13713	13969	13579	13753	1.44	cps
Lead	206-1	993957	1011851	1017727	1007845	1.23	cps
Lead	207-1	866162	885516	877708	876462	1.11	cps
Lead	208-1	4060812	4121877	4106441	4096377	0.78	cps
Lithium	6-1	1178463	1216733	1237630	1210942	2.48	cps
Magnesium	24-2	38770	37166	37943	37960	2.11	cps
Manganese	55-2	23240	22685	23069	22998	1.23	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:16:44	DataFile Name :	012ICV01_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3022689	3065895	3024783	3037789	0.80	cps
Molybdenum	94-1	3392050	3503635	3472826	3456170	1.67	cps
Molybdenum	95-1	1845354	1899404	1869199	1871319	1.45	cps
Molybdenum	96-1	2418805	2444754	2414053	2425870	0.68	cps
Molybdenum	97-1	1134651	1154457	1153744	1147617	0.98	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	52154	50257	51036	51149	1.86	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	37835	38612	39331	38593	1.94	cps
Rhodium	103-1	6270902	6346557	6566003	6394487	2.40	cps
Rhodium	103-2	1704092	1649521	1654629	1669414	1.81	cps
Scandium	45-1	3905353	3934500	4157900	3999251	3.45	cps
Scandium	45-2	34670	35351	34954	34991	0.98	cps
Selenium	77-2	173	143	180	166	11.80	cps
Selenium	78-2	522	469	476	489	5.95	cps
Selenium	82-1	22510	23358	23663	23177	2.58	cps
Silicon	28-1	2158003	2207666	2179504	2181724	1.14	cps
Silver	109-1	837281	857715	861994	852330	1.55	cps
Silver	107-1	2334124	2391146	2405419	2376896	1.59	cps
Sodium	23-2	171639	169438	170003	170360	0.67	cps
Strontium	86-1	1172786	1203524	1198559	1191623	1.38	cps
Strontium	88-1	10174703	10223472	10354101	10250758	0.90	cps
Sulfur	34-1	401612	401411	399467	400830	0.30	cps
Terbium	159-1	8399328	8318421	8867788	8528512	3.48	cps
Terbium	159-2	1705063	1693228	1704576	1700956	0.39	cps
Thallium	203-1	1247700	1272738	1274494	1264977	1.18	cps
Thallium	205-1	3042122	3075316	3123704	3080380	1.33	cps
Tin	118-1	3111502	3146571	3128367	3128813	0.56	cps
Titanium	47-1	488774	504834	501751	498453	1.71	cps
Uranium	238-1	10331724	10879955	10666685	10626121	2.60	cps
Vanadium	51-2	59878	60778	60584	60413	0.78	cps
Yttrium	89-1	7073794	7131528	7412202	7205841	2.51	cps
Yttrium	89-2	226972	223151	224440	224854	0.86	cps
Zinc	66-2	27494	27721	27578	27598	0.42	cps
Zirconium	90-1	6450425	6612216	6531813	6531485	1.24	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:16:44	DataFile Name :	012ICV01_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1457859	1478333	1479469	1471887	0.83	cps

LB Number : LB90299 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-25 12:19:49 DataFile Name : 013CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	0	14	124.91	cps
Antimony	121-1	1525	1442	1458	1475	2.99	cps
Arsenic	75-2	4	9	6	6	45.85	cps
Barium	135-1	33	42	33	36	13.33	cps
Barium	137-1	75	83	83	81	5.98	cps
Beryllium	9-1	361	444	417	407	10.42	cps
Bismuth	209-1	5322093	5131854	5266208	5240052	1.87	cps
Bismuth	209-2	1493810	1485453	1482036	1487100	0.41	cps
Boron	11-1	14641	13240	13332	13738	5.71	cps
Boron	10-1	3067	2925	3059	3017	2.64	cps
Cadmium	106-1	2067	1867	2025	1986	5.31	cps
Cadmium	108-1	29	13	13	18	53.30	cps
Cadmium	111-1	1456	1336	1446	1413	4.73	cps
Calcium	43-1	1859	1825	1817	1834	1.20	cps
Calcium	44-1	38579	39507	38838	38975	1.23	cps
Chromium	52-2	633	623	687	648	5.26	cps
Cobalt	59-2	90	80	83	84	6.03	cps
Copper	63-2	780	677	650	702	9.78	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	20	7	10	88.20	cps
Gadolinium	160-1	75	75	92	81	11.95	cps
Gadolinium	160-2	0	27	10	12	110.23	cps
Holmium	165-1	8281078	8045778	8151873	8159576	1.44	cps
Holmium	165-2	1866928	1880160	1867285	1871458	0.40	cps
Indium	115-1	6961732	6810045	6830735	6867504	1.20	cps
Indium	115-2	325163	324409	320739	323437	0.73	cps
Iron	56-2	3267	2967	2956	3063	5.76	cps
Iron	57-2	78	111	83	91	19.68	cps
Lead	206-1	978	989	1028	998	2.63	cps
Lead	207-1	750	889	917	852	10.48	cps
Lead	208-1	4045	4000	4217	4087	2.80	cps
Lithium	6-1	1217797	1193878	1191873	1201183	1.20	cps
Magnesium	24-2	200	317	258	258	22.58	cps
Manganese	55-2	123	123	143	130	8.88	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:19:49	DataFile Name :	013CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	833	750	592	725	16.93	cps
Molybdenum	94-1	550	492	508	517	5.82	cps
Molybdenum	95-1	492	433	425	450	8.07	cps
Molybdenum	96-1	558	567	608	578	4.64	cps
Molybdenum	97-1	350	350	292	331	10.19	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	197	277	218	23.73	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	4034	3992	3792	3940	3.28	cps
Rhodium	103-1	6597134	6426905	6402042	6475360	1.64	cps
Rhodium	103-2	1784447	1788458	1773539	1782148	0.43	cps
Scandium	45-1	4067257	3957487	4000487	4008410	1.38	cps
Scandium	45-2	37126	37393	37640	37386	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-24	21	-69	-24	-186.67	cps
Silicon	28-1	513143	513787	515811	514247	0.27	cps
Silver	109-1	133	167	225	175	26.51	cps
Silver	107-1	337	457	618	471	30.04	cps
Sodium	23-2	18287	18730	18404	18474	1.24	cps
Strontium	86-1	983	992	875	950	6.85	cps
Strontium	88-1	217	367	167	250	41.63	cps
Sulfur	34-1	400230	400425	406086	402247	0.83	cps
Terbium	159-1	8665428	8537483	8639329	8614080	0.78	cps
Terbium	159-2	1837705	1812436	1815766	1821969	0.75	cps
Thallium	203-1	675	667	592	644	7.12	cps
Thallium	205-1	1567	1333	1592	1497	9.52	cps
Tin	118-1	1667	1609	1558	1611	3.37	cps
Titanium	47-1	225	192	158	192	17.39	cps
Uranium	238-1	325	275	200	267	23.59	cps
Vanadium	51-2	13	17	3	11	62.48	cps
Yttrium	89-1	7307897	7215109	7237279	7253428	0.67	cps
Yttrium	89-2	243505	240594	241808	241969	0.60	cps
Zinc	66-2	30	53	70	51	39.31	cps
Zirconium	90-1	700	675	717	697	3.01	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:19:49	DataFile Name :	013CCBE_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	75	108	103	24.77	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:22:58	DataFile Name :	014ICSA01_P8092517-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	590577	588316	580397	586430	0.91	cps
Antimony	121-1	10354	10613	10113	10360	2.42	cps
Arsenic	75-2	44	46	31	41	19.82	cps
Barium	135-1	2325	2667	2484	2492	6.86	cps
Barium	137-1	4476	4384	4384	4415	1.20	cps
Beryllium	9-1	717	628	706	683	7.09	cps
Bismuth	209-1	5182238	5003561	5013905	5066568	1.98	cps
Bismuth	209-2	1416965	1404519	1401879	1407787	0.57	cps
Boron	11-1	12356	11797	10721	11625	7.15	cps
Boron	10-1	2484	2967	2634	2695	9.18	cps
Cadmium	106-1	1717	1500	1767	1661	8.53	cps
Cadmium	108-1	942	888	967	932	4.34	cps
Cadmium	111-1	1780	1650	1764	1731	4.11	cps
Calcium	43-1	1721372	1732775	1753849	1735999	0.95	cps
Calcium	44-1	27965459	27988652	28019392	27991168	0.10	cps
Chromium	52-2	20198	19961	19784	19981	1.04	cps
Cobalt	59-2	2124	2124	2204	2150	2.15	cps
Copper	63-2	11875	12032	12396	12101	2.21	cps
Dysprosium	156-1	33	8	50	31	68.64	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	92	108	108	103	9.36	cps
Gadolinium	160-2	20	33	33	29	26.64	cps
Holmium	165-1	8565680	8294251	8242716	8367549	2.07	cps
Holmium	165-2	1871127	1859807	1850443	1860459	0.56	cps
Indium	115-1	6863909	6686390	6722064	6757455	1.39	cps
Indium	115-2	314940	309664	309547	311384	0.99	cps
Iron	56-2	54520062	54321858	54589125	54477015	0.25	cps
Iron	57-2	1371257	1363969	1365344	1366857	0.28	cps
Lead	206-1	23422	22526	22303	22750	2.60	cps
Lead	207-1	18230	18275	18230	18245	0.14	cps
Lead	208-1	86794	85647	85832	86091	0.72	cps
Lithium	6-1	1211668	1167000	1155326	1177998	2.52	cps
Magnesium	24-2	3091200	3119399	3102638	3104413	0.46	cps
Manganese	55-2	1797	2000	2007	1935	6.17	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:22:58	DataFile Name :	014ICSA01_P8092517-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	10649067	10755407	10821892	10742122	0.81	cps
Molybdenum	94-1	3768732	3790141	3802635	3787169	0.45	cps
Molybdenum	95-1	6611016	6580984	6554813	6582271	0.43	cps
Molybdenum	96-1	7210640	7192095	7184435	7195723	0.19	cps
Molybdenum	97-1	4127917	4161218	4136562	4141899	0.42	cps
Neodymium	150-1	60	27	27	38	50.93	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	3864	3987	4204	4018	4.28	cps
Phosphorus	31-2	47138	45926	46469	46511	1.31	cps
Potassium	39-2	1792752	1764247	1755376	1770791	1.10	cps
Rhodium	103-1	6366029	6079751	6195320	6213700	2.32	cps
Rhodium	103-2	1711138	1702844	1672122	1695368	1.21	cps
Scandium	45-1	4076629	3922061	3975481	3991390	1.97	cps
Scandium	45-2	36578	36447	36377	36467	0.28	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	86	18	8	37	113.09	cps
Silicon	28-1	648607	652715	647772	649698	0.41	cps
Silver	109-1	1200	1358	1258	1272	6.29	cps
Silver	107-1	3329	3804	3459	3530	6.95	cps
Sodium	23-2	7526447	7427323	7355159	7436310	1.16	cps
Strontium	86-1	74563	73800	74319	74227	0.52	cps
Strontium	88-1	634063	640038	638202	637434	0.48	cps
Sulfur	34-1	2455237	2440904	2487300	2461147	0.97	cps
Terbium	159-1	8982925	8684937	8684024	8783962	1.96	cps
Terbium	159-2	1831673	1790951	1782961	1801862	1.45	cps
Thallium	203-1	633	825	775	745	13.36	cps
Thallium	205-1	1775	2109	2092	1992	9.43	cps
Tin	118-1	2100	2000	1800	1967	7.77	cps
Titanium	47-1	1839215	1778105	1821909	1813076	1.74	cps
Uranium	238-1	458	517	467	481	6.57	cps
Vanadium	51-2	113	147	90	117	24.41	cps
Yttrium	89-1	7348134	7188151	7132443	7222909	1.55	cps
Yttrium	89-2	239836	237031	238127	238331	0.59	cps
Zinc	66-2	1627	1577	1627	1610	1.79	cps
Zirconium	90-1	1308	1158	1217	1228	6.16	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:22:58	DataFile Name :	014ICSA01_P8092517-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	275	208	231	16.69	cps

LB Number : LB90299 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-25 12:26:02 DataFile Name : 015ICSB_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	569389	579997	568728	572705	1.10	cps
Antimony	121-1	171461	174045	171582	172363	0.85	cps
Arsenic	75-2	1972	2141	1948	2021	5.19	cps
Barium	135-1	36100	37379	36510	36663	1.78	cps
Barium	137-1	63553	63704	62791	63349	0.77	cps
Beryllium	9-1	25334	26124	25668	25709	1.54	cps
Bismuth	209-1	4927775	4954799	4927382	4936652	0.32	cps
Bismuth	209-2	1354638	1381179	1376547	1370788	1.03	cps
Boron	11-1	51844	50849	50858	51184	1.12	cps
Boron	10-1	11538	11313	11288	11380	1.21	cps
Cadmium	106-1	5718	6160	5568	5815	5.29	cps
Cadmium	108-1	3834	3492	3942	3756	6.25	cps
Cadmium	111-1	36331	37736	36230	36766	2.29	cps
Calcium	43-1	1721541	1732680	1733453	1729225	0.39	cps
Calcium	44-1	27593411	27911800	27753914	27753042	0.57	cps
Chromium	52-2	35021	35261	35575	35286	0.79	cps
Cobalt	59-2	36087	37143	35542	36257	2.24	cps
Copper	63-2	40532	42348	41128	41336	2.24	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	67	42	58	56	22.91	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	83	150	117	117	28.57	cps
Gadolinium	160-2	13	30	3	16	86.63	cps
Holmium	165-1	8045811	8229943	8236313	8170689	1.32	cps
Holmium	165-2	1775070	1820266	1830410	1808582	1.63	cps
Indium	115-1	6625896	6754222	6607874	6662664	1.20	cps
Indium	115-2	300488	306212	305457	304053	1.02	cps
Iron	56-2	52181021	53759633	52826778	52922477	1.50	cps
Iron	57-2	1314736	1355532	1319154	1329807	1.68	cps
Lead	206-1	117516	118851	118364	118244	0.57	cps
Lead	207-1	99415	96721	96240	97458	1.76	cps
Lead	208-1	457688	456073	453696	455819	0.44	cps
Lithium	6-1	1142680	1152660	1153324	1149554	0.52	cps
Magnesium	24-2	3024889	3059507	3052557	3045651	0.60	cps
Manganese	55-2	6568	6708	6298	6525	3.20	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:26:02	DataFile Name :	015ICSB_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	10947392	10976675	11070528	10998199	0.58	cps
Molybdenum	94-1	4064880	4152427	4151903	4123070	1.22	cps
Molybdenum	95-1	6599754	6781543	6739164	6706820	1.42	cps
Molybdenum	96-1	7253585	7411426	7320566	7328526	1.08	cps
Molybdenum	97-1	4212434	4302572	4235022	4250010	1.10	cps
Neodymium	150-1	40	47	40	42	9.12	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	13644	13710	13360	13571	1.37	cps
Phosphorus	31-2	45717	46896	46252	46288	1.27	cps
Potassium	39-2	1732796	1769089	1746912	1749599	1.05	cps
Rhodium	103-1	6073066	6184630	6151652	6136449	0.93	cps
Rhodium	103-2	1641591	1668190	1661252	1657011	0.83	cps
Scandium	45-1	3945610	3993057	3957572	3965413	0.62	cps
Scandium	45-2	34482	36588	36187	35752	3.13	cps
Selenium	77-2	3	7	20	10	88.20	cps
Selenium	78-2	48	43	56	49	13.34	cps
Selenium	82-1	2083	2252	2128	2154	4.06	cps
Silicon	28-1	872689	867023	865603	868438	0.43	cps
Silver	109-1	154627	157480	152286	154798	1.68	cps
Silver	107-1	431035	439239	424463	431579	1.72	cps
Sodium	23-2	7256013	7395942	7216400	7289452	1.29	cps
Strontium	86-1	193387	195676	195693	194919	0.68	cps
Strontium	88-1	1711860	1737388	1716823	1722024	0.79	cps
Sulfur	34-1	2433972	2448040	2410585	2430866	0.78	cps
Terbium	159-1	8551931	8585457	8513519	8550302	0.42	cps
Terbium	159-2	1738991	1811153	1786243	1778796	2.06	cps
Thallium	203-1	117986	119450	118441	118625	0.63	cps
Thallium	205-1	278030	281605	283457	281031	0.98	cps
Tin	118-1	313359	315083	310610	313017	0.72	cps
Titanium	47-1	1855672	1888374	1856589	1866879	1.00	cps
Uranium	238-1	1005096	1018403	1011828	1011776	0.66	cps
Vanadium	51-2	12082	11962	11815	11953	1.12	cps
Yttrium	89-1	7082213	7176830	7263726	7174256	1.27	cps
Yttrium	89-2	230759	235659	233252	233223	1.05	cps
Zinc	66-2	4167	4214	4354	4245	2.29	cps
Zirconium	90-1	670824	674689	675932	673815	0.40	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:26:02	DataFile Name :	015ICSB_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	147710	150559	149757	149342	0.98	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:35:32	DataFile Name :	018CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332567	340567	333273	335469	1.32	cps
Antimony	121-1	4248153	4267115	4315634	4276967	0.81	cps
Arsenic	75-2	53815	53668	53031	53505	0.78	cps
Barium	135-1	4451538	4371150	4439602	4420763	0.98	cps
Barium	137-1	7549364	7482677	7502084	7511375	0.46	cps
Beryllium	9-1	647149	648571	644404	646708	0.33	cps
Bismuth	209-1	4965191	4914055	4930364	4936537	0.53	cps
Bismuth	209-2	1405969	1409578	1391411	1402320	0.69	cps
Boron	11-1	348920	352083	359266	353423	1.50	cps
Boron	10-1	76504	77056	77007	76856	0.40	cps
Cadmium	106-1	93096	92223	94053	93124	0.98	cps
Cadmium	108-1	62235	62971	62259	62488	0.67	cps
Cadmium	111-1	883714	889976	885519	886403	0.36	cps
Calcium	43-1	4401014	4357556	4365547	4374706	0.53	cps
Calcium	44-1	71821766	71359633	70683856	71288418	0.80	cps
Chromium	52-2	449078	450014	445796	448296	0.49	cps
Cobalt	59-2	883205	884350	873051	880202	0.71	cps
Copper	63-2	1471317	1471119	1463358	1468598	0.31	cps
Dysprosium	156-1	75	67	50	64	19.92	cps
Dysprosium	156-2	23	7	13	14	58.06	cps
Erbium	164-1	42	83	83	69	34.64	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	83	175	117	125	37.12	cps
Gadolinium	160-2	33	23	13	23	42.86	cps
Holmium	165-1	8249430	8186890	8156475	8197598	0.58	cps
Holmium	165-2	1888122	1893219	1840065	1873802	1.57	cps
Indium	115-1	6730882	6560555	6596284	6629240	1.35	cps
Indium	115-2	309286	313607	302924	308606	1.74	cps
Iron	56-2	70422892	70468145	69870311	70253783	0.47	cps
Iron	57-2	1787053	1793688	1769673	1783472	0.70	cps
Lead	206-1	2411702	2430295	2475391	2439130	1.34	cps
Lead	207-1	2228017	2209325	2243907	2227083	0.78	cps
Lead	208-1	9950947	9890755	10045379	9962360	0.78	cps
Lithium	6-1	1155474	1131695	1123854	1137008	1.45	cps
Magnesium	24-2	7953855	7946702	7852543	7917700	0.71	cps
Manganese	55-2	240945	243458	239722	241375	0.79	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:35:32	DataFile Name :	018CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2937164	2892860	2892232	2907419	0.89	cps
Molybdenum	94-1	3336834	3348261	3357797	3347631	0.31	cps
Molybdenum	95-1	1791814	1810712	1776843	1793123	0.95	cps
Molybdenum	96-1	2331317	2343542	2365084	2346648	0.73	cps
Molybdenum	97-1	1097969	1098149	1100325	1098815	0.12	cps
Neodymium	150-1	227	240	240	236	3.27	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	261054	261330	257933	260106	0.73	cps
Phosphorus	31-2	5118	5401	5226	5248	2.73	cps
Potassium	39-2	2297266	2314065	2282092	2297808	0.70	cps
Rhodium	103-1	6122679	6114304	6066746	6101243	0.49	cps
Rhodium	103-2	1682744	1678440	1660921	1674035	0.69	cps
Scandium	45-1	4047832	3979937	3978344	4002037	0.99	cps
Scandium	45-2	37921	37266	36270	37152	2.24	cps
Selenium	77-2	320	353	407	360	12.14	cps
Selenium	78-2	1257	1263	1233	1251	1.26	cps
Selenium	82-1	56720	56183	56263	56389	0.51	cps
Silicon	28-1	2227009	2236368	2274570	2245982	1.12	cps
Silver	109-1	3973090	3959461	3922324	3951625	0.66	cps
Silver	107-1	11079687	11053693	10931717	11021699	0.72	cps
Sodium	23-2	19235674	19075347	18982219	19097746	0.67	cps
Strontium	86-1	1154993	1145632	1148730	1149785	0.41	cps
Strontium	88-1	9945748	9895893	10075112	9972251	0.93	cps
Sulfur	34-1	680119	670982	668271	673124	0.92	cps
Terbium	159-1	8694092	8581749	8526833	8600891	0.99	cps
Terbium	159-2	1836623	1815929	1782810	1811788	1.50	cps
Thallium	203-1	3011876	3012721	3065833	3030144	1.02	cps
Thallium	205-1	7114614	7043204	7088893	7082237	0.51	cps
Tin	118-1	2927235	2884168	2937914	2916439	0.98	cps
Titanium	47-1	470999	472586	472319	471968	0.18	cps
Uranium	238-1	9454811	9452490	9534772	9480691	0.49	cps
Vanadium	51-2	323650	327231	323558	324813	0.64	cps
Yttrium	89-1	7225919	7231151	7127545	7194871	0.81	cps
Yttrium	89-2	240114	242041	236488	239548	1.18	cps
Zinc	66-2	137803	137622	136083	137169	0.69	cps
Zirconium	90-1	6285363	6327166	6281920	6298150	0.40	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P8
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:35:32	DataFile Name :	018CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1413842	1396861	1429191	1413298	1.14	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:38:31	DataFile Name :	019CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	2425	2859	2725	2670	8.31	cps
Arsenic	75-2	6	4	6	5	21.74	cps
Barium	135-1	58	33	58	50	28.88	cps
Barium	137-1	50	42	67	53	24.12	cps
Beryllium	9-1	467	467	361	432	14.13	cps
Bismuth	209-1	4870829	4952866	4883380	4902359	0.90	cps
Bismuth	209-2	1414186	1338630	1341376	1364731	3.14	cps
Boron	11-1	15217	13799	13198	14071	7.37	cps
Boron	10-1	3167	2892	2950	3003	4.83	cps
Cadmium	106-1	1734	1859	1767	1786	3.62	cps
Cadmium	108-1	21	17	13	17	24.99	cps
Cadmium	111-1	1236	1343	1278	1286	4.20	cps
Calcium	43-1	1850	1675	1784	1770	4.99	cps
Calcium	44-1	37852	37175	37284	37437	0.97	cps
Chromium	52-2	647	570	623	613	6.41	cps
Cobalt	59-2	117	113	93	108	11.71	cps
Copper	63-2	537	480	403	473	14.14	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	50	28	75.51	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	67	58	50	58	14.29	cps
Gadolinium	160-2	7	23	27	19	56.72	cps
Holmium	165-1	7670934	7878877	7744891	7764900	1.36	cps
Holmium	165-2	1800304	1670409	1687039	1719251	4.11	cps
Indium	115-1	6515432	6701206	6658163	6624934	1.47	cps
Indium	115-2	314202	292104	294022	300109	4.08	cps
Iron	56-2	3940	3945	3667	3851	4.13	cps
Iron	57-2	89	83	144	106	32.01	cps
Lead	206-1	983	839	872	898	8.42	cps
Lead	207-1	761	917	845	841	9.26	cps
Lead	208-1	3778	3800	3823	3800	0.58	cps
Lithium	6-1	1118971	1168607	1130348	1139308	2.28	cps
Magnesium	24-2	342	367	467	392	16.89	cps
Manganese	55-2	127	140	180	149	18.64	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:38:31	DataFile Name :	019CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1008	1058	908	992	7.70	cps
Molybdenum	94-1	675	683	567	642	10.14	cps
Molybdenum	95-1	567	592	600	586	2.96	cps
Molybdenum	96-1	875	608	683	722	19.04	cps
Molybdenum	97-1	492	483	400	458	11.06	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	197	190	193	193	1.72	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4209	4026	4017	4084	2.65	cps
Rhodium	103-1	6051446	6302107	6179571	6177708	2.03	cps
Rhodium	103-2	1714076	1599916	1587098	1633697	4.28	cps
Scandium	45-1	3797594	3895632	3803532	3832253	1.43	cps
Scandium	45-2	36324	33938	34596	34953	3.53	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	-13	49	60	32	123.07	cps
Silicon	28-1	526767	504731	500290	510596	2.78	cps
Silver	109-1	417	408	467	431	7.33	cps
Silver	107-1	1175	1157	1310	1214	6.90	cps
Sodium	23-2	19623	18846	19055	19175	2.09	cps
Strontium	86-1	958	883	1008	950	6.62	cps
Strontium	88-1	175	208	200	194	8.92	cps
Sulfur	34-1	382848	388019	386757	385875	0.70	cps
Terbium	159-1	8026815	8338579	8087300	8150898	2.03	cps
Terbium	159-2	1735342	1608498	1605595	1649811	4.49	cps
Thallium	203-1	833	933	925	897	6.18	cps
Thallium	205-1	2117	2184	1934	2078	6.23	cps
Tin	118-1	1459	1358	1542	1453	6.32	cps
Titanium	47-1	233	100	183	172	39.11	cps
Uranium	238-1	142	150	192	161	16.63	cps
Vanadium	51-2	10	10	0	7	86.60	cps
Yttrium	89-1	6803241	7016198	6885799	6901746	1.56	cps
Yttrium	89-2	235192	217277	219410	223960	4.37	cps
Zinc	66-2	37	43	33	38	13.48	cps
Zirconium	90-1	933	1142	967	1014	11.04	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P8
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:38:31	DataFile Name :	019CCBE_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	200	242	214	11.25	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:41:41	DataFile Name :	020SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	133	117	136	15.41	cps
Antimony	121-1	15802	16094	16035	15977	0.97	cps
Arsenic	75-2	98	87	98	94	6.79	cps
Barium	135-1	15126	14350	14000	14492	3.98	cps
Barium	137-1	25467	26469	26002	25979	1.93	cps
Beryllium	9-1	1495	1522	1567	1528	2.38	cps
Bismuth	209-1	4813417	4855259	4659568	4776081	2.16	cps
Bismuth	209-2	1382769	1400061	1444115	1408981	2.24	cps
Boron	11-1	23386	23896	23245	23509	1.46	cps
Boron	10-1	4909	4784	4876	4857	1.33	cps
Cadmium	106-1	1934	2000	1784	1906	5.82	cps
Cadmium	108-1	125	100	117	114	11.18	cps
Cadmium	111-1	2724	3009	2571	2768	8.04	cps
Calcium	43-1	9304	10046	9687	9679	3.83	cps
Calcium	44-1	161789	163906	155487	160394	2.73	cps
Chromium	52-2	2400	2210	2440	2350	5.23	cps
Cobalt	59-2	1503	1640	1853	1666	10.59	cps
Copper	63-2	3430	3494	3430	3452	1.06	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	58	33	42	44	28.64	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	108	175	50	111	56.29	cps
Gadolinium	160-2	20	17	17	18	10.81	cps
Holmium	165-1	7737487	7695668	7356329	7596495	2.75	cps
Holmium	165-2	1770063	1792537	1856504	1806368	2.48	cps
Indium	115-1	6556531	6612828	6345088	6504815	2.17	cps
Indium	115-2	310509	313510	325401	316473	2.49	cps
Iron	56-2	27856	28291	29370	28506	2.73	cps
Iron	57-2	800	806	767	791	2.66	cps
Lead	206-1	5407	5301	5007	5238	3.96	cps
Lead	207-1	4984	4695	4529	4736	4.87	cps
Lead	208-1	21947	21897	20229	21358	4.58	cps
Lithium	6-1	1122866	1118965	1079388	1107073	2.17	cps
Magnesium	24-2	14425	14950	14141	14505	2.83	cps
Manganese	55-2	360	403	423	396	8.19	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:41:41	DataFile Name :	020SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	24848	24147	23588	24195	2.61	cps
Molybdenum	94-1	12573	13324	13466	13121	3.66	cps
Molybdenum	95-1	14617	16118	15126	15287	5.00	cps
Molybdenum	96-1	16511	16719	16719	16650	0.72	cps
Molybdenum	97-1	9437	9404	9470	9437	0.35	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	667	723	707	699	4.17	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	11497	11697	12765	11986	5.69	cps
Rhodium	103-1	6187675	6229455	5954025	6123718	2.42	cps
Rhodium	103-2	1685320	1705138	1770093	1720184	2.58	cps
Scandium	45-1	3830643	3899015	3664002	3797886	3.18	cps
Scandium	45-2	36177	36381	37493	36684	1.93	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	15	17	13	15	12.52	cps
Selenium	82-1	487	479	470	479	1.73	cps
Silicon	28-1	537280	538937	527144	534453	1.19	cps
Silver	109-1	9445	10321	9637	9801	4.70	cps
Silver	107-1	26307	28770	26896	27324	4.71	cps
Sodium	23-2	50022	51252	50824	50699	1.23	cps
Strontium	86-1	2767	3059	2800	2875	5.55	cps
Strontium	88-1	18013	17904	17679	17865	0.95	cps
Sulfur	34-1	385466	388544	382819	385610	0.74	cps
Terbium	159-1	8145111	8107898	7781918	8011642	2.49	cps
Terbium	159-2	1721493	1719898	1802106	1747832	2.69	cps
Thallium	203-1	5968	6102	5652	5907	3.91	cps
Thallium	205-1	13391	13925	12690	13335	4.64	cps
Tin	118-1	25909	26987	24999	25965	3.83	cps
Titanium	47-1	4384	4334	4051	4256	4.23	cps
Uranium	238-1	16161	16103	15652	15972	1.74	cps
Vanadium	51-2	2984	2764	2847	2865	3.88	cps
Yttrium	89-1	6948953	6987331	6733970	6890084	1.98	cps
Yttrium	89-2	231090	234166	240639	235299	2.07	cps
Zinc	66-2	383	340	313	346	10.22	cps
Zirconium	90-1	11514	11439	10955	11302	2.68	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:41:41	DataFile Name :	020SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2459	2684	2350	2498	6.81	cps

LB Number : LB90299 Operator : Jaswal
 Lab Sample ID : PB102577BL Instrumnet Name : P8
 Client Sample ID : PB102577BL Dilution Factor : 1
 Date & Time Acquired :: 2017-09-25 12:44:49 DataFile Name : 021CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	50	25	25	100.00	cps
Antimony	121-1	475	483	450	469	3.70	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	25	67	58	50	44.10	cps
Barium	137-1	58	58	42	53	18.23	cps
Beryllium	9-1	378	417	311	369	14.49	cps
Bismuth	209-1	4800997	4907195	4590810	4766334	3.38	cps
Bismuth	209-2	1325916	1313582	1265340	1301613	2.46	cps
Boron	11-1	7969	8028	6835	7611	8.83	cps
Boron	10-1	1583	1617	1583	1595	1.21	cps
Cadmium	106-1	1408	1684	1884	1659	14.38	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Cadmium	111-1	1003	1199	1328	1177	13.89	cps
Calcium	43-1	2009	1592	1850	1817	11.58	cps
Calcium	44-1	36106	36382	36164	36217	0.40	cps
Chromium	52-2	643	593	597	611	4.57	cps
Cobalt	59-2	93	83	83	87	6.66	cps
Copper	63-2	430	400	363	398	8.39	cps
Dysprosium	156-1	8	58	25	31	83.33	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	67	42	17	42	60.00	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	100	117	92	103	12.38	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	7668833	7727716	7269466	7555338	3.30	cps
Holmium	165-2	1701024	1667625	1575590	1648080	3.94	cps
Indium	115-1	6575728	6638169	6230865	6481587	3.38	cps
Indium	115-2	293523	289574	283653	288917	1.72	cps
Iron	56-2	2917	2900	3028	2949	2.36	cps
Iron	57-2	106	106	94	102	6.30	cps
Lead	206-1	772	850	822	815	4.84	cps
Lead	207-1	683	611	556	617	10.39	cps
Lead	208-1	3050	3061	2945	3019	2.13	cps
Lithium	6-1	1116764	1143950	1067761	1109492	3.48	cps
Magnesium	24-2	425	342	433	400	12.67	cps
Manganese	55-2	137	163	140	147	9.91	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BL	Instrumnet Name :	P8
Client Sample ID :	PB102577BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:44:49	DataFile Name :	021CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	325	450	350	375	17.64	cps
Molybdenum	94-1	258	275	308	281	9.07	cps
Molybdenum	95-1	242	275	292	269	9.45	cps
Molybdenum	96-1	283	400	283	322	20.90	cps
Molybdenum	97-1	192	183	108	161	28.49	cps
Neodymium	150-1	7	53	7	22	121.23	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	230	177	220	209	13.57	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	3867	3659	4051	3859	5.08	cps
Rhodium	103-1	6129364	6297268	5949238	6125290	2.84	cps
Rhodium	103-2	1592694	1569662	1531692	1564683	1.97	cps
Scandium	45-1	3816798	3869238	3670426	3785487	2.72	cps
Scandium	45-2	34088	33641	32912	33547	1.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	7	3	124.95	cps
Selenium	82-1	-9	-3	-19	-10	-77.16	cps
Silicon	28-1	497136	498870	511187	502397	1.52	cps
Silver	109-1	242	250	242	244	1.97	cps
Silver	107-1	660	712	665	679	4.20	cps
Sodium	23-2	14591	15376	15167	15045	2.70	cps
Strontium	86-1	825	1150	950	975	16.81	cps
Strontium	88-1	183	200	242	208	14.42	cps
Sulfur	34-1	393834	393299	387484	391539	0.90	cps
Terbium	159-1	8088092	8144274	7654688	7962351	3.36	cps
Terbium	159-2	1647863	1579700	1517290	1581618	4.13	cps
Thallium	203-1	275	300	317	297	7.06	cps
Thallium	205-1	917	658	783	786	16.43	cps
Tin	118-1	808	925	825	853	7.40	cps
Titanium	47-1	142	117	217	158	32.87	cps
Uranium	238-1	125	58	67	83	43.59	cps
Vanadium	51-2	7	0	7	4	86.60	cps
Yttrium	89-1	6936177	6968260	6562695	6822377	3.30	cps
Yttrium	89-2	221776	217774	211225	216925	2.46	cps
Zinc	66-2	53	33	47	44	22.92	cps
Zirconium	90-1	550	633	550	578	8.33	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BL	Instrumnet Name :	P8
Client Sample ID :	PB102577BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:44:49	DataFile Name :	021CCBE_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	175	92	119	40.28	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BS	Instrumnet Name :	P8
Client Sample ID :	PB102577BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:47:59	DataFile Name :	022LCS6_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68332	67311	67101	67581	0.97	cps
Antimony	121-1	4367076	4376199	4391127	4378134	0.28	cps
Arsenic	75-2	56074	55818	55507	55800	0.51	cps
Barium	135-1	4446706	4494726	4479823	4473751	0.55	cps
Barium	137-1	7624690	7659125	7527978	7603931	0.89	cps
Beryllium	9-1	655604	652497	652731	653611	0.26	cps
Bismuth	209-1	4968973	5048552	4924769	4980765	1.26	cps
Bismuth	209-2	1466471	1460635	1458186	1461764	0.29	cps
Boron	11-1	333301	341994	348604	341300	2.25	cps
Boron	10-1	72308	74301	75491	74033	2.17	cps
Cadmium	106-1	97527	96024	95420	96324	1.13	cps
Cadmium	108-1	64198	63955	64102	64085	0.19	cps
Cadmium	111-1	916150	927096	920197	921148	0.60	cps
Calcium	43-1	901146	903881	894818	899948	0.52	cps
Calcium	44-1	14724757	14759256	14681465	14721826	0.26	cps
Chromium	52-2	443370	444962	442424	443585	0.29	cps
Cobalt	59-2	922685	915827	914668	917727	0.47	cps
Copper	63-2	1607686	1581076	1566626	1585129	1.31	cps
Dysprosium	156-1	100	117	33	83	52.92	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	67	42	25	44	47.19	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	92	133	108	111	18.88	cps
Gadolinium	160-2	10	30	23	21	48.24	cps
Holmium	165-1	8169870	8026847	8083596	8093438	0.89	cps
Holmium	165-2	1900112	1896656	1898272	1898347	0.09	cps
Indium	115-1	6696644	6754322	6745593	6732187	0.46	cps
Indium	115-2	326376	320082	323307	323255	0.97	cps
Iron	56-2	15002061	15005786	14872075	14959974	0.51	cps
Iron	57-2	372087	375410	372190	373229	0.51	cps
Lead	206-1	2416594	2478879	2462727	2452734	1.32	cps
Lead	207-1	2243856	2234968	2221065	2233296	0.51	cps
Lead	208-1	10000629	10059069	10048622	10036107	0.31	cps
Lithium	6-1	1174047	1187890	1151234	1171057	1.58	cps
Magnesium	24-2	1720161	1680915	1674806	1691961	1.45	cps
Manganese	55-2	248418	250615	249020	249351	0.46	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BS	Instrumnet Name :	P8
Client Sample ID :	PB102577BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:47:59	DataFile Name :	022LCS6_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2919660	2914643	2928457	2920920	0.24	cps
Molybdenum	94-1	3350444	3436682	3380846	3389324	1.29	cps
Molybdenum	95-1	1793504	1798442	1780090	1790679	0.53	cps
Molybdenum	96-1	2337854	2388173	2350404	2358810	1.11	cps
Molybdenum	97-1	1094604	1109266	1094756	1099542	0.77	cps
Neodymium	150-1	140	147	193	160	18.16	cps
Neodymium	150-2	13	0	13	9	86.60	cps
Nickel	60-2	269429	267121	267043	267864	0.51	cps
Phosphorus	31-2	5326	5251	5360	5312	1.05	cps
Potassium	39-2	481706	489512	483940	485053	0.83	cps
Rhodium	103-1	6233502	6309887	6184870	6242753	1.01	cps
Rhodium	103-2	1752627	1737854	1742709	1744397	0.43	cps
Scandium	45-1	4014647	3984972	3987093	3995571	0.41	cps
Scandium	45-2	38011	38566	38466	38348	0.77	cps
Selenium	77-2	403	407	420	410	2.15	cps
Selenium	78-2	1352	1332	1307	1330	1.67	cps
Selenium	82-1	57985	58829	57846	58220	0.91	cps
Silicon	28-1	2195444	2230631	2190072	2205383	1.00	cps
Silver	109-1	4246018	4268704	4236578	4250433	0.39	cps
Silver	107-1	11838797	11911894	11818757	11856483	0.41	cps
Sodium	23-2	4093293	4098766	4077625	4089895	0.27	cps
Strontium	86-1	1136593	1140771	1136778	1138047	0.21	cps
Strontium	88-1	9789968	9841546	9836585	9822700	0.29	cps
Sulfur	34-1	682786	686410	678927	682708	0.55	cps
Terbium	159-1	8518118	8511692	8397072	8475627	0.80	cps
Terbium	159-2	1863167	1851998	1843087	1852750	0.54	cps
Thallium	203-1	3062685	3038672	3072776	3058045	0.57	cps
Thallium	205-1	7169237	7133650	7213241	7172043	0.56	cps
Tin	118-1	2960846	2947166	2943081	2950365	0.32	cps
Titanium	47-1	480544	479244	476837	478875	0.39	cps
Uranium	238-1	9254738	9320244	9318654	9297879	0.40	cps
Vanadium	51-2	331808	328642	329958	330136	0.48	cps
Yttrium	89-1	7154484	7287056	7185810	7209116	0.96	cps
Yttrium	89-2	248978	248637	245585	247733	0.75	cps
Zinc	66-2	145362	144934	143833	144710	0.54	cps
Zirconium	90-1	6312515	6342746	6337065	6330775	0.25	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	PB102577BS	Instrumnet Name :	P8
Client Sample ID :	PB102577BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:47:59	DataFile Name :	022LCS6_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1424056	1421300	1426721	1424026	0.19	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01	Instrumnet Name :	P8
Client Sample ID :	AC01A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:51:04	DataFile Name :	023SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	67	125	106	31.91	cps
Antimony	121-1	3842	3884	3842	3856	0.62	cps
Arsenic	75-2	144	117	156	139	14.42	cps
Barium	135-1	52513	54355	50238	52368	3.94	cps
Barium	137-1	92339	91063	89436	90946	1.60	cps
Beryllium	9-1	450	361	422	411	11.06	cps
Bismuth	209-1	4999301	5078070	4880875	4986082	1.99	cps
Bismuth	209-2	1478813	1449886	1426624	1451774	1.80	cps
Boron	11-1	67367	69309	67719	68132	1.52	cps
Boron	10-1	14750	15559	15059	15122	2.70	cps
Cadmium	106-1	1784	1684	1634	1700	4.49	cps
Cadmium	108-1	17	33	38	29	37.79	cps
Cadmium	111-1	1383	1288	1234	1302	5.78	cps
Calcium	43-1	1463619	1521535	1441983	1475713	2.79	cps
Calcium	44-1	23528929	23889464	23268388	23562260	1.32	cps
Chromium	52-2	2117	2154	2057	2109	2.31	cps
Cobalt	59-2	707	703	720	710	1.24	cps
Copper	63-2	208848	205080	201106	205011	1.89	cps
Dysprosium	156-1	17	42	58	39	53.93	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	92	50	42	61	43.83	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	92	83	92	89	5.41	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	8093023	8312882	7949944	8118616	2.25	cps
Holmium	165-2	1945680	1894683	1854445	1898269	2.41	cps
Indium	115-1	6996003	7197949	6799055	6997669	2.85	cps
Indium	115-2	334819	329680	323320	329273	1.75	cps
Iron	56-2	12823	13090	13018	12977	1.06	cps
Iron	57-2	322	383	311	339	11.48	cps
Lead	206-1	1672	1767	1683	1708	3.02	cps
Lead	207-1	1700	1639	1684	1674	1.89	cps
Lead	208-1	7190	7451	7057	7233	2.77	cps
Lithium	6-1	1185811	1226871	1163877	1192186	2.68	cps
Magnesium	24-2	935339	913930	897634	915634	2.07	cps
Manganese	55-2	280	180	283	248	23.70	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01	Instrumnet Name :	P8
Client Sample ID :	AC01A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:51:04	DataFile Name :	023SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3551	3117	3359	3342	6.50	cps
Molybdenum	94-1	1934	1800	1850	1861	3.62	cps
Molybdenum	95-1	2267	1875	2284	2142	10.79	cps
Molybdenum	96-1	2584	2250	2334	2389	7.26	cps
Molybdenum	97-1	1283	1367	1283	1311	3.67	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	633	720	703	686	6.71	cps
Phosphorus	31-2	33	17	25	25	33.32	cps
Potassium	39-2	31152	30751	30125	30676	1.69	cps
Rhodium	103-1	6441861	6513209	6394386	6449819	0.93	cps
Rhodium	103-2	1813659	1780698	1723521	1772626	2.57	cps
Scandium	45-1	4153496	4218895	4057766	4143385	1.96	cps
Scandium	45-2	38647	38844	38038	38509	1.09	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	6	4	7	66.14	cps
Selenium	82-1	153	-36	-10	36	289.10	cps
Silicon	28-1	35701170	36585387	34711652	35666070	2.63	cps
Silver	109-1	3367	3792	3751	3637	6.44	cps
Silver	107-1	9477	10612	10484	10191	6.10	cps
Sodium	23-2	2292386	2287545	2220112	2266681	1.78	cps
Strontium	86-1	598615	611909	591505	600676	1.72	cps
Strontium	88-1	5300243	5352080	5190433	5280919	1.56	cps
Sulfur	34-1	788298	803097	775462	788952	1.75	cps
Terbium	159-1	8598111	8835273	8311996	8581793	3.05	cps
Terbium	159-2	1877429	1836692	1829347	1847822	1.40	cps
Thallium	203-1	1950	1717	1559	1742	11.31	cps
Thallium	205-1	4243	4068	4026	4112	2.80	cps
Tin	118-1	2184	2125	2084	2131	2.36	cps
Titanium	47-1	483	600	533	539	10.86	cps
Uranium	238-1	38778	36872	36513	37388	3.26	cps
Vanadium	51-2	1813	1790	2004	1869	6.26	cps
Yttrium	89-1	7464812	7523352	7296232	7428132	1.59	cps
Yttrium	89-2	255979	248006	245290	249758	2.22	cps
Zinc	66-2	10701	10431	10427	10520	1.49	cps
Zirconium	90-1	1992	2050	1892	1978	4.05	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01	Instrumnet Name :	P8
Client Sample ID :	AC01A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:51:04	DataFile Name :	023SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	550	492	458	24.46	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUP	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:54:11	DataFile Name :	024SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	58	58	78	43.30	cps
Antimony	121-1	2275	2425	2409	2370	3.47	cps
Arsenic	75-2	122	102	128	117	11.64	cps
Barium	135-1	53760	53936	52254	53317	1.73	cps
Barium	137-1	91970	91541	89948	91153	1.17	cps
Beryllium	9-1	339	333	311	328	4.48	cps
Bismuth	209-1	5119875	5069694	4993217	5060929	1.26	cps
Bismuth	209-2	1453780	1450968	1424023	1442924	1.14	cps
Boron	11-1	65265	65985	64939	65397	0.82	cps
Boron	10-1	14224	14091	13724	14013	1.85	cps
Cadmium	106-1	1809	1592	1650	1684	6.66	cps
Cadmium	108-1	17	8	25	17	50.01	cps
Cadmium	111-1	1363	1200	1258	1274	6.46	cps
Calcium	43-1	1500857	1503600	1477512	1493990	0.96	cps
Calcium	44-1	23990824	23920656	23662179	23857886	0.73	cps
Chromium	52-2	2014	1964	1944	1974	1.83	cps
Cobalt	59-2	650	657	650	652	0.59	cps
Copper	63-2	204586	203413	198269	202089	1.66	cps
Dysprosium	156-1	50	33	67	50	33.34	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	117	125	117	119	4.03	cps
Gadolinium	160-2	7	13	23	14	58.06	cps
Holmium	165-1	8200662	8172327	8036418	8136469	1.08	cps
Holmium	165-2	1895059	1872407	1860171	1875879	0.94	cps
Indium	115-1	7046743	7054768	6914027	7005179	1.13	cps
Indium	115-2	327261	326584	325617	326487	0.25	cps
Iron	56-2	12428	13040	12211	12560	3.42	cps
Iron	57-2	444	372	333	383	14.71	cps
Lead	206-1	1722	1383	1533	1546	10.98	cps
Lead	207-1	1428	1328	1328	1361	4.24	cps
Lead	208-1	6445	5940	5917	6101	4.89	cps
Lithium	6-1	1201497	1211904	1193613	1202338	0.76	cps
Magnesium	24-2	914756	908079	899191	907342	0.86	cps
Manganese	55-2	200	253	237	230	11.86	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUP	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:54:11	DataFile Name :	024SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3059	2975	3050	3028	1.52	cps
Molybdenum	94-1	1667	1659	1750	1692	3.00	cps
Molybdenum	95-1	2150	1850	1634	1878	13.82	cps
Molybdenum	96-1	2017	2309	2167	2164	6.74	cps
Molybdenum	97-1	1225	1150	1133	1170	4.18	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	733	653	763	717	7.93	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	29189	29323	29858	29457	1.20	cps
Rhodium	103-1	6537582	6438638	6424632	6466951	0.95	cps
Rhodium	103-2	1757130	1764285	1734888	1752101	0.87	cps
Scandium	45-1	4183435	4220275	4181185	4194965	0.52	cps
Scandium	45-2	38189	38453	37777	38140	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	110	105	46	87	40.69	cps
Silicon	28-1	36299672	36160735	36076662	36179023	0.31	cps
Silver	109-1	2625	3100	2925	2884	8.33	cps
Silver	107-1	7326	8678	8111	8038	8.45	cps
Sodium	23-2	2245064	2262446	2212373	2239961	1.14	cps
Strontium	86-1	612772	613585	604741	610366	0.80	cps
Strontium	88-1	5384643	5399943	5290850	5358479	1.10	cps
Sulfur	34-1	795245	794165	794699	794703	0.07	cps
Terbium	159-1	8673142	8629789	8568843	8623924	0.61	cps
Terbium	159-2	1846358	1832730	1818303	1832464	0.77	cps
Thallium	203-1	417	475	408	433	8.38	cps
Thallium	205-1	1042	917	1025	995	6.83	cps
Tin	118-1	1333	1542	1342	1406	8.39	cps
Titanium	47-1	542	608	633	594	7.97	cps
Uranium	238-1	39238	39372	37198	38602	3.16	cps
Vanadium	51-2	1830	1783	1787	1800	1.45	cps
Yttrium	89-1	7514166	7534299	7393042	7480502	1.02	cps
Yttrium	89-2	247721	248568	240999	245763	1.69	cps
Zinc	66-2	10664	10574	10314	10517	1.73	cps
Zirconium	90-1	2075	1959	1709	1914	9.79	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUP	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 12:54:11	DataFile Name :	024SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	367	508	492	23.91	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LX5	Instrumnet Name :	P8
Client Sample ID :	AC01A1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-25 12:57:19	DataFile Name :	025SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	42	25	66.68	cps
Antimony	121-1	925	892	783	867	8.55	cps
Arsenic	75-2	17	22	28	22	25.00	cps
Barium	135-1	10705	10496	10054	10418	3.19	cps
Barium	137-1	18722	17996	17579	18099	3.20	cps
Beryllium	9-1	278	217	322	272	19.47	cps
Bismuth	209-1	5076518	5023342	4805233	4968364	2.89	cps
Bismuth	209-2	1397523	1370821	1371685	1380010	1.10	cps
Boron	11-1	20299	21058	20198	20518	2.29	cps
Boron	10-1	4626	4609	4284	4506	4.28	cps
Cadmium	106-1	1800	1650	1550	1667	7.55	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Cadmium	111-1	1278	1160	1108	1182	7.35	cps
Calcium	43-1	292566	291947	272736	285750	3.95	cps
Calcium	44-1	4777207	4804877	4554910	4712332	2.91	cps
Chromium	52-2	873	863	863	867	0.67	cps
Cobalt	59-2	237	210	247	231	8.20	cps
Copper	63-2	39566	39025	39145	39245	0.72	cps
Dysprosium	156-1	0	25	50	25	100.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	0	25	28	105.36	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	100	92	108	100	8.33	cps
Gadolinium	160-2	7	10	20	12	56.76	cps
Holmium	165-1	8063853	8127628	7592963	7928148	3.68	cps
Holmium	165-2	1777036	1768183	1758689	1767969	0.52	cps
Indium	115-1	6923841	7051390	6537462	6837565	3.91	cps
Indium	115-2	316826	307971	308035	310944	1.64	cps
Iron	56-2	4807	4745	4768	4773	0.65	cps
Iron	57-2	111	111	161	128	22.59	cps
Lead	206-1	872	878	700	817	12.38	cps
Lead	207-1	706	783	594	694	13.67	cps
Lead	208-1	3184	3361	2872	3139	7.88	cps
Lithium	6-1	1165947	1157928	1095866	1139913	3.36	cps
Magnesium	24-2	176837	172975	170216	173343	1.92	cps
Manganese	55-2	180	163	173	172	4.87	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LX5	Instrumnet Name :	P8
Client Sample ID :	AC01A1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-25 12:57:19	DataFile Name :	025SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	725	800	633	719	11.60	cps
Molybdenum	94-1	433	708	467	536	27.99	cps
Molybdenum	95-1	400	483	508	464	12.23	cps
Molybdenum	96-1	567	492	600	553	10.04	cps
Molybdenum	97-1	317	408	433	386	15.91	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	307	293	280	293	4.55	cps
Phosphorus	31-2	33	25	17	25	33.32	cps
Potassium	39-2	8703	8611	8219	8511	3.02	cps
Rhodium	103-1	6482088	6510674	6139616	6377459	3.24	cps
Rhodium	103-2	1703381	1667213	1673107	1681234	1.15	cps
Scandium	45-1	4051223	4085226	3827669	3988039	3.51	cps
Scandium	45-2	36551	35334	35755	35880	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	23	-13	-33	-8	-363.44	cps
Silicon	28-1	7617838	7575376	7152663	7448626	3.45	cps
Silver	109-1	1000	975	1108	1028	6.90	cps
Silver	107-1	2804	2697	3130	2877	7.85	cps
Sodium	23-2	429282	428496	423636	427138	0.72	cps
Strontium	86-1	120519	119343	113932	117931	2.98	cps
Strontium	88-1	1061240	1048396	995126	1034920	3.39	cps
Sulfur	34-1	478288	480340	461452	473360	2.19	cps
Terbium	159-1	8481928	8510119	7937481	8309843	3.88	cps
Terbium	159-2	1743897	1719205	1725415	1729506	0.74	cps
Thallium	203-1	100	100	167	122	31.49	cps
Thallium	205-1	342	342	308	331	5.82	cps
Tin	118-1	958	967	925	950	2.32	cps
Titanium	47-1	233	275	208	239	14.10	cps
Uranium	238-1	7736	7469	7236	7480	3.35	cps
Vanadium	51-2	430	297	377	368	18.25	cps
Yttrium	89-1	7265703	7377060	6913909	7185557	3.36	cps
Yttrium	89-2	236388	231306	230909	232867	1.31	cps
Zinc	66-2	2020	2044	1907	1990	3.67	cps
Zirconium	90-1	775	758	792	775	2.15	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LX5	Instrumnet Name :	P8
Client Sample ID :	AC01A1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-25 12:57:19	DataFile Name :	025SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	117	108	136	30.20	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MS	Instrumnet Name :	P8
Client Sample ID :	AC01A1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:00:26	DataFile Name :	026SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70828	72569	70425	71274	1.60	cps
Antimony	121-1	4639590	4606042	4627351	4624327	0.37	cps
Arsenic	75-2	61315	61053	60215	60861	0.94	cps
Barium	135-1	4812911	4770741	4789940	4791197	0.44	cps
Barium	137-1	8211104	8092844	8116048	8139999	0.77	cps
Beryllium	9-1	713169	707999	706245	709138	0.51	cps
Bismuth	209-1	5107336	5099533	5172300	5126390	0.78	cps
Bismuth	209-2	1516860	1518365	1512594	1515940	0.20	cps
Boron	11-1	416979	429563	428759	425100	1.66	cps
Boron	10-1	91575	91608	92967	92050	0.86	cps
Cadmium	106-1	103059	102229	101112	102133	0.96	cps
Cadmium	108-1	68139	68720	68151	68337	0.49	cps
Cadmium	111-1	980435	977215	973175	976942	0.37	cps
Calcium	43-1	2547647	2535973	2521884	2535168	0.51	cps
Calcium	44-1	40918328	40836936	40789262	40848176	0.16	cps
Chromium	52-2	490350	490768	486797	489305	0.45	cps
Cobalt	59-2	998225	993748	990808	994260	0.38	cps
Copper	63-2	1918687	1922898	1920581	1920722	0.11	cps
Dysprosium	156-1	125	142	75	114	30.47	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	3659	3626	3484	3590	2.59	cps
Erbium	164-2	857	847	827	843	1.81	cps
Gadolinium	160-1	350	375	375	367	3.94	cps
Gadolinium	160-2	87	70	73	77	11.51	cps
Holmium	165-1	8498137	8497815	8535188	8510380	0.25	cps
Holmium	165-2	2029490	2018873	2002447	2016937	0.68	cps
Indium	115-1	6993659	7007131	7026083	7008957	0.23	cps
Indium	115-2	338763	342019	338929	339904	0.54	cps
Iron	56-2	15885471	15844856	15740224	15823517	0.47	cps
Iron	57-2	399679	395874	394457	396670	0.68	cps
Lead	206-1	2566746	2569456	2581026	2572409	0.29	cps
Lead	207-1	2361723	2350857	2348993	2353858	0.29	cps
Lead	208-1	10523720	10687988	10600145	10603951	0.78	cps
Lithium	6-1	1215594	1223568	1214231	1217798	0.41	cps
Magnesium	24-2	2825941	2843109	2846142	2838397	0.38	cps
Manganese	55-2	272042	268821	267290	269384	0.90	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MS	Instrumnet Name :	P8
Client Sample ID :	AC01A1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:00:26	DataFile Name :	026SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3148976	3128460	3150941	3142793	0.40	cps
Molybdenum	94-1	3496806	3464872	3506555	3489411	0.62	cps
Molybdenum	95-1	1917276	1945135	1946428	1936280	0.85	cps
Molybdenum	96-1	2497646	2478303	2512661	2496204	0.69	cps
Molybdenum	97-1	1177541	1178637	1187237	1181138	0.45	cps
Neodymium	150-1	147	180	107	144	25.42	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	290382	291883	290968	291078	0.26	cps
Phosphorus	31-2	8	17	25	17	50.01	cps
Potassium	39-2	545483	549597	543648	546243	0.56	cps
Rhodium	103-1	6608544	6613112	6718627	6646761	0.94	cps
Rhodium	103-2	1884524	1877625	1849740	1870629	0.98	cps
Scandium	45-1	4319446	4290981	4293980	4301469	0.36	cps
Scandium	45-2	40940	41388	40996	41108	0.59	cps
Selenium	77-2	457	417	443	439	4.64	cps
Selenium	78-2	1496	1487	1461	1482	1.23	cps
Selenium	82-1	62973	63987	64484	63815	1.21	cps
Silicon	28-1	37607757	37343423	37371705	37440962	0.39	cps
Silver	109-1	4804090	4756680	4756362	4772377	0.58	cps
Silver	107-1	13412375	13263103	13260247	13311908	0.65	cps
Sodium	23-2	6741238	6760460	6692275	6731324	0.52	cps
Strontium	86-1	1849527	1823967	1850458	1841317	0.82	cps
Strontium	88-1	15715126	15726621	15831262	15757670	0.41	cps
Sulfur	34-1	815433	819909	821561	818968	0.39	cps
Terbium	159-1	8923310	8869229	8862561	8885033	0.37	cps
Terbium	159-2	1956786	1959069	1930465	1948773	0.82	cps
Thallium	203-1	3302282	3266592	3273171	3280682	0.58	cps
Thallium	205-1	7716679	7636134	7608327	7653714	0.74	cps
Tin	118-1	3182788	3173482	3138981	3165084	0.73	cps
Titanium	47-1	523158	518772	517372	519768	0.58	cps
Uranium	238-1	9638085	9617991	9576765	9610947	0.33	cps
Vanadium	51-2	361588	361946	361888	361807	0.05	cps
Yttrium	89-1	7648292	7669005	7688961	7668753	0.27	cps
Yttrium	89-2	263610	262514	260078	262067	0.69	cps
Zinc	66-2	165976	167636	164603	166072	0.91	cps
Zirconium	90-1	6540870	6486079	6571551	6532833	0.66	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MS	Instrumnet Name :	P8
Client Sample ID :	AC01A1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:00:26	DataFile Name :	026SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1465827	1455394	1461247	1460823	0.36	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSD	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:03:26	DataFile Name :	027SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66247	65309	70996	67517	4.52	cps
Antimony	121-1	4701959	4709513	4603811	4671761	1.26	cps
Arsenic	75-2	57006	57372	60169	58182	2.97	cps
Barium	135-1	4786040	4868056	4751787	4801961	1.24	cps
Barium	137-1	8209060	8260783	8120492	8196778	0.87	cps
Beryllium	9-1	713587	719530	702829	711982	1.19	cps
Bismuth	209-1	5106787	4091071	4996307	4731388	11.78	cps
Bismuth	209-2	1399265	1403998	1465417	1422893	2.59	cps
Boron	11-1	431683	438631	436920	435745	0.83	cps
Boron	10-1	95643	95005	94016	94888	0.86	cps
Cadmium	106-1	103133	102883	100398	102138	1.48	cps
Cadmium	108-1	68234	69721	69076	69010	1.08	cps
Cadmium	111-1	985144	985343	972192	980893	0.77	cps
Calcium	43-1	2512323	2489365	2456600	2486096	1.13	cps
Calcium	44-1	40559726	40701368	39496221	40252438	1.64	cps
Chromium	52-2	460478	461042	485520	469013	3.05	cps
Cobalt	59-2	929893	932323	986126	949447	3.35	cps
Copper	63-2	1809868	1824950	1912580	1849133	3.00	cps
Dysprosium	156-1	142	125	167	144	14.52	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	3667	3676	3401	3581	4.37	cps
Erbium	164-2	773	773	850	799	5.54	cps
Gadolinium	160-1	358	392	383	378	4.59	cps
Gadolinium	160-2	90	57	60	69	26.65	cps
Holmium	165-1	8511332	6852201	8312416	7891983	11.48	cps
Holmium	165-2	1861179	1838761	1953389	1884443	3.22	cps
Indium	115-1	7037961	5590762	6965638	6531453	12.49	cps
Indium	115-2	312269	312018	326550	316946	2.62	cps
Iron	56-2	14892499	14754577	15643761	15096946	3.17	cps
Iron	57-2	372883	370019	389663	377522	2.81	cps
Lead	206-1	2574486	2627947	2534891	2579108	1.81	cps
Lead	207-1	2370261	2395967	2383474	2383234	0.54	cps
Lead	208-1	10619724	10764447	10438130	10607434	1.54	cps
Lithium	6-1	1216831	988767	1188449	1131349	10.99	cps
Magnesium	24-2	2635420	2640947	2770473	2682280	2.85	cps
Manganese	55-2	250793	253588	267466	257282	3.47	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSD	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:03:26	DataFile Name :	027SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3195624	3243857	3122725	3187402	1.91	cps
Molybdenum	94-1	3513520	3568202	3466453	3516058	1.45	cps
Molybdenum	95-1	1961197	1965453	1924318	1950323	1.16	cps
Molybdenum	96-1	2521170	2587106	2525478	2544584	1.45	cps
Molybdenum	97-1	1198859	1215065	1176132	1196685	1.63	cps
Neodymium	150-1	173	140	127	147	16.39	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	273755	274142	287371	278423	2.78	cps
Phosphorus	31-2	33	42	50	42	20.00	cps
Potassium	39-2	515468	512161	542580	523403	3.19	cps
Rhodium	103-1	6629403	5338063	6436959	6134808	11.36	cps
Rhodium	103-2	1723607	1749415	1816782	1763268	2.73	cps
Scandium	45-1	4293963	3416422	4183085	3964490	12.05	cps
Scandium	45-2	37453	38142	39556	38384	2.79	cps
Selenium	77-2	440	383	403	409	7.03	cps
Selenium	78-2	1463	1433	1402	1433	2.13	cps
Selenium	82-1	65207	64637	63282	64375	1.54	cps
Silicon	28-1	37150209	37079507	36248770	36826162	1.36	cps
Silver	109-1	4807610	4831611	4753346	4797522	0.84	cps
Silver	107-1	13415917	13467652	13260888	13381486	0.80	cps
Sodium	23-2	6369407	6302790	6686817	6453005	3.18	cps
Strontium	86-1	1851207	1857278	1798684	1835723	1.76	cps
Strontium	88-1	15689297	15790123	15375515	15618312	1.38	cps
Sulfur	34-1	799308	791261	781168	790579	1.15	cps
Terbium	159-1	8862803	7232738	8800008	8298517	11.13	cps
Terbium	159-2	1796479	1799109	1882596	1826062	2.68	cps
Thallium	203-1	3310729	3384400	3245940	3313689	2.09	cps
Thallium	205-1	7718990	7796894	7568249	7694711	1.51	cps
Tin	118-1	3175916	3178060	3118160	3157379	1.08	cps
Titanium	47-1	527521	526361	519512	524465	0.83	cps
Uranium	238-1	9640635	9706060	9461844	9602846	1.32	cps
Vanadium	51-2	339316	338282	356879	344826	3.03	cps
Yttrium	89-1	7608360	6118950	7492548	7073286	11.71	cps
Yttrium	89-2	241505	241637	252794	245312	2.64	cps
Zinc	66-2	154182	154007	163932	157374	3.61	cps
Zirconium	90-1	6532483	6597316	6502768	6544189	0.74	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSD	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:03:26	DataFile Name :	027SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1469988	1480852	1432142	1460994	1.75	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01A	Instrumnet Name :	P8
Client Sample ID :	AC01A1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:06:26	DataFile Name :	028SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69219	69488	71565	70091	1.83	cps
Antimony	121-1	4679988	4673052	4688642	4680561	0.17	cps
Arsenic	75-2	60729	60601	60292	60540	0.37	cps
Barium	135-1	4769487	4760894	4775251	4768544	0.15	cps
Barium	137-1	8114984	8221378	8237837	8191399	0.81	cps
Beryllium	9-1	713528	711527	711583	712213	0.16	cps
Bismuth	209-1	5136531	5193430	5104866	5144942	0.87	cps
Bismuth	209-2	1491276	1484081	1491207	1488855	0.28	cps
Boron	11-1	431238	441212	440679	437710	1.28	cps
Boron	10-1	95819	95576	95626	95674	0.13	cps
Cadmium	106-1	101439	100540	100735	100905	0.47	cps
Cadmium	108-1	68666	67945	69424	68678	1.08	cps
Cadmium	111-1	975031	979630	978039	977567	0.24	cps
Calcium	43-1	2523996	2526184	2508623	2519601	0.38	cps
Calcium	44-1	40513459	40834874	40445142	40597825	0.51	cps
Chromium	52-2	490279	488746	486534	488519	0.39	cps
Cobalt	59-2	992530	992483	994344	993119	0.11	cps
Copper	63-2	1931635	1963724	1918297	1937885	1.20	cps
Dysprosium	156-1	167	125	117	136	19.68	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	3776	3676	3751	3734	1.39	cps
Erbium	164-2	860	853	763	826	6.54	cps
Gadolinium	160-1	450	383	500	444	13.17	cps
Gadolinium	160-2	73	73	77	74	2.58	cps
Holmium	165-1	8609356	8545270	8547727	8567451	0.42	cps
Holmium	165-2	1963787	1966609	1988759	1973052	0.69	cps
Indium	115-1	7119085	7014001	7061051	7064712	0.75	cps
Indium	115-2	332561	330162	331302	331342	0.36	cps
Iron	56-2	15685850	15824918	15723603	15744790	0.46	cps
Iron	57-2	393089	396477	394487	394684	0.43	cps
Lead	206-1	2597004	2590894	2612981	2600293	0.44	cps
Lead	207-1	2408095	2402834	2391838	2400922	0.35	cps
Lead	208-1	10700162	10679089	10669735	10682996	0.15	cps
Lithium	6-1	1219624	1229639	1222521	1223928	0.42	cps
Magnesium	24-2	2835502	2814034	2826512	2825349	0.38	cps
Manganese	55-2	265194	266633	264912	265579	0.35	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01A	Instrumnet Name :	P8
Client Sample ID :	AC01A1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:06:26	DataFile Name :	028SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3181072	3166032	3159469	3168857	0.35	cps
Molybdenum	94-1	3539469	3491742	3539246	3523486	0.78	cps
Molybdenum	95-1	1978942	1913111	1943423	1945159	1.69	cps
Molybdenum	96-1	2555646	2554315	2516349	2542103	0.88	cps
Molybdenum	97-1	1196149	1191284	1181030	1189488	0.65	cps
Neodymium	150-1	147	187	140	158	15.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	291042	292703	289221	290989	0.60	cps
Phosphorus	31-2	33	42	17	31	41.66	cps
Potassium	39-2	541769	538825	544901	541832	0.56	cps
Rhodium	103-1	6638716	6568735	6561769	6589740	0.65	cps
Rhodium	103-2	1830650	1831538	1815711	1825966	0.49	cps
Scandium	45-1	4318901	4310714	4316030	4315215	0.10	cps
Scandium	45-2	40512	40204	40923	40546	0.89	cps
Selenium	77-2	387	380	400	389	2.62	cps
Selenium	78-2	1409	1417	1454	1427	1.67	cps
Selenium	82-1	63628	63719	63796	63714	0.13	cps
Silicon	28-1	37169066	37016370	36917591	37034342	0.34	cps
Silver	109-1	4751921	4781032	4791996	4774983	0.43	cps
Silver	107-1	13249199	13343766	13364102	13319022	0.46	cps
Sodium	23-2	6756156	6704759	6737780	6732899	0.39	cps
Strontium	86-1	1832612	1867639	1859202	1853151	0.99	cps
Strontium	88-1	15573241	15719031	15679137	15657136	0.48	cps
Sulfur	34-1	785164	779927	788622	784571	0.56	cps
Terbium	159-1	8918733	8946185	8973671	8946196	0.31	cps
Terbium	159-2	1922951	1916318	1919184	1919484	0.17	cps
Thallium	203-1	3298969	3259109	3301143	3286407	0.72	cps
Thallium	205-1	7779190	7745382	7694802	7739791	0.55	cps
Tin	118-1	3169890	3162964	3159544	3164133	0.17	cps
Titanium	47-1	519807	522311	521662	521260	0.25	cps
Uranium	238-1	9684721	9710772	9665565	9687019	0.23	cps
Vanadium	51-2	360294	360955	361938	361062	0.23	cps
Yttrium	89-1	7692000	7677572	7712074	7693882	0.23	cps
Yttrium	89-2	256402	258620	257568	257530	0.43	cps
Zinc	66-2	162471	164330	162961	163254	0.59	cps
Zirconium	90-1	6550099	6532100	6492783	6524994	0.45	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01A	Instrumnet Name :	P8
Client Sample ID :	AC01A1A	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:06:26	DataFile Name :	028SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1491269	1464331	1488562	1481387	1.00	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02	Instrumnet Name :	P8
Client Sample ID :	AC01B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:09:25	DataFile Name :	029SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	67	58	81	39.16	cps
Antimony	121-1	2084	1992	2517	2198	12.76	cps
Arsenic	75-2	161	170	146	159	7.62	cps
Barium	135-1	69784	70639	69844	70089	0.68	cps
Barium	137-1	120554	121420	116788	119588	2.06	cps
Beryllium	9-1	617	611	572	600	4.04	cps
Bismuth	209-1	5242346	5162481	5201173	5202000	0.77	cps
Bismuth	209-2	1533198	1531601	1525537	1530112	0.26	cps
Boron	11-1	79939	81472	80862	80758	0.96	cps
Boron	10-1	17378	16894	17194	17155	1.42	cps
Cadmium	106-1	1725	1842	1592	1720	7.28	cps
Cadmium	108-1	25	42	21	29	37.81	cps
Cadmium	111-1	1361	1364	1191	1306	7.58	cps
Calcium	43-1	1698096	1699121	1670102	1689106	0.97	cps
Calcium	44-1	27327799	27302097	26945424	27191773	0.79	cps
Chromium	52-2	1987	2010	1947	1981	1.62	cps
Cobalt	59-2	507	423	457	462	9.07	cps
Copper	63-2	122659	121452	121011	121707	0.70	cps
Dysprosium	156-1	33	33	58	42	34.65	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	100	83	75	86	14.78	cps
Erbium	164-2	23	7	10	13	66.12	cps
Gadolinium	160-1	117	75	100	97	21.57	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	8589814	8435062	8512677	8512518	0.91	cps
Holmium	165-2	1978778	1998422	2006954	1994718	0.72	cps
Indium	115-1	7239425	7192038	7186647	7206037	0.40	cps
Indium	115-2	344630	344769	342452	343951	0.38	cps
Iron	56-2	75515	75699	75180	75465	0.35	cps
Iron	57-2	1772	1900	1822	1832	3.52	cps
Lead	206-1	1595	1634	1622	1617	1.24	cps
Lead	207-1	1289	1245	1206	1246	3.35	cps
Lead	208-1	5695	6045	6023	5921	3.31	cps
Lithium	6-1	1223914	1223568	1223407	1223630	0.02	cps
Magnesium	24-2	1048228	1054625	1050495	1051116	0.31	cps
Manganese	55-2	327	363	250	313	18.46	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02	Instrumnet Name :	P8
Client Sample ID :	AC01B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:09:25	DataFile Name :	029SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	4001	4051	3992	4015	0.79	cps
Molybdenum	94-1	2767	2875	2625	2756	4.55	cps
Molybdenum	95-1	2567	2017	2375	2320	12.04	cps
Molybdenum	96-1	2775	2942	2775	2831	3.40	cps
Molybdenum	97-1	1667	1684	1417	1589	9.40	cps
Neodymium	150-1	13	33	33	27	43.31	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	613	777	757	716	12.45	cps
Phosphorus	31-2	33	58	33	42	34.65	cps
Potassium	39-2	33165	33683	32764	33204	1.39	cps
Rhodium	103-1	6665823	6536070	6572876	6591590	1.01	cps
Rhodium	103-2	1878003	1847989	1869088	1865027	0.83	cps
Scandium	45-1	4282112	4248569	4256612	4262431	0.41	cps
Scandium	45-2	40315	40676	39947	40312	0.90	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	9	7	6	62.47	cps
Selenium	82-1	74	84	124	94	28.21	cps
Silicon	28-1	37916935	38309318	38078759	38101671	0.52	cps
Silver	109-1	1934	2267	2159	2120	8.02	cps
Silver	107-1	5382	6409	6012	5935	8.73	cps
Sodium	23-2	2984922	2967341	2961559	2971274	0.41	cps
Strontium	86-1	715903	718645	715054	716534	0.26	cps
Strontium	88-1	6250854	6225932	6199664	6225483	0.41	cps
Sulfur	34-1	799008	802257	801786	801017	0.22	cps
Terbium	159-1	8957728	8775625	8868635	8867329	1.03	cps
Terbium	159-2	1948258	1962271	1934499	1948342	0.71	cps
Thallium	203-1	1358	1058	967	1128	18.17	cps
Thallium	205-1	2859	2684	2134	2559	14.79	cps
Tin	118-1	1725	1675	1558	1653	5.18	cps
Titanium	47-1	492	717	608	606	18.58	cps
Uranium	238-1	39472	40191	39707	39790	0.92	cps
Vanadium	51-2	1860	2160	1990	2004	7.51	cps
Yttrium	89-1	7728844	7637905	7611428	7659392	0.80	cps
Yttrium	89-2	260832	260254	259813	260300	0.20	cps
Zinc	66-2	16286	16440	16136	16288	0.93	cps
Zirconium	90-1	3917	3867	4126	3970	3.45	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02	Instrumnet Name :	P8
Client Sample ID :	AC01B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:09:25	DataFile Name :	029SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808	933	967	903	9.25	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:12:32	DataFile Name :	030CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341089	336439	341549	339693	0.83	cps
Antimony	121-1	4297686	4286962	4364857	4316502	0.98	cps
Arsenic	75-2	54665	54795	53912	54457	0.88	cps
Barium	135-1	4502826	4555399	4550675	4536300	0.64	cps
Barium	137-1	7708008	7741443	7769456	7739636	0.40	cps
Beryllium	9-1	660871	665746	670102	665573	0.69	cps
Bismuth	209-1	5079453	5047526	5166692	5097891	1.21	cps
Bismuth	209-2	1447631	1422685	1422429	1430915	1.01	cps
Boron	11-1	363864	374445	378356	372222	2.01	cps
Boron	10-1	78758	79537	80819	79704	1.31	cps
Cadmium	106-1	93818	95184	95882	94961	1.11	cps
Cadmium	108-1	61837	64076	64399	63438	2.20	cps
Cadmium	111-1	899573	910083	897617	902424	0.74	cps
Calcium	43-1	4522637	4512163	4562826	4532542	0.59	cps
Calcium	44-1	72858668	73108216	73524297	73163727	0.46	cps
Chromium	52-2	457974	461645	457483	459034	0.50	cps
Cobalt	59-2	895467	903917	900533	899972	0.47	cps
Copper	63-2	1497245	1540814	1533834	1523964	1.54	cps
Dysprosium	156-1	100	100	67	89	21.65	cps
Dysprosium	156-2	10	27	20	19	44.42	cps
Erbium	164-1	117	58	42	72	54.52	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	92	217	92	133	54.13	cps
Gadolinium	160-2	33	13	23	23	42.86	cps
Holmium	165-1	8260513	8463431	8429638	8384527	1.30	cps
Holmium	165-2	1949103	1887492	1888192	1908262	1.85	cps
Indium	115-1	6748458	6765869	6748841	6754389	0.15	cps
Indium	115-2	318605	312785	312702	314697	1.08	cps
Iron	56-2	71741707	71947916	72238799	71976141	0.35	cps
Iron	57-2	1820532	1833414	1834784	1829577	0.43	cps
Lead	206-1	2501805	2482854	2519421	2501360	0.73	cps
Lead	207-1	2311916	2306935	2305379	2308077	0.15	cps
Lead	208-1	10283587	10207838	10352915	10281446	0.71	cps
Lithium	6-1	1155005	1153533	1180801	1163113	1.32	cps
Magnesium	24-2	8216800	8070802	8142695	8143433	0.90	cps
Manganese	55-2	244503	248017	245714	246078	0.73	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:12:32	DataFile Name :	030CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3004995	3004895	3005763	3005218	0.02	cps
Molybdenum	94-1	3400237	3436721	3497504	3444820	1.43	cps
Molybdenum	95-1	1839248	1840317	1838934	1839500	0.04	cps
Molybdenum	96-1	2425785	2427510	2441382	2431559	0.35	cps
Molybdenum	97-1	1120221	1121630	1134240	1125364	0.69	cps
Neodymium	150-1	207	187	127	173	24.02	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	266133	266272	267549	266652	0.29	cps
Phosphorus	31-2	5226	5135	4984	5115	2.39	cps
Potassium	39-2	2368076	2388601	2374915	2377197	0.44	cps
Rhodium	103-1	6228486	6274990	6301210	6268229	0.59	cps
Rhodium	103-2	1739367	1707064	1705797	1717409	1.11	cps
Scandium	45-1	4094751	4095680	4132145	4107525	0.52	cps
Scandium	45-2	38409	37747	38118	38092	0.87	cps
Selenium	77-2	310	443	347	367	18.79	cps
Selenium	78-2	1278	1315	1198	1264	4.72	cps
Selenium	82-1	57794	57311	57984	57696	0.60	cps
Silicon	28-1	2235864	2228991	2284542	2249799	1.35	cps
Silver	109-1	3984438	4062758	4050664	4032620	1.05	cps
Silver	107-1	11109912	11334947	11292715	11245858	1.06	cps
Sodium	23-2	19801215	19730507	19658454	19730059	0.36	cps
Strontium	86-1	1165639	1176973	1183813	1175475	0.78	cps
Strontium	88-1	10101011	10193220	10391474	10228568	1.45	cps
Sulfur	34-1	691134	689718	692031	690961	0.17	cps
Terbium	159-1	8736740	8890443	8860262	8829148	0.92	cps
Terbium	159-2	1876388	1854238	1853991	1861539	0.69	cps
Thallium	203-1	3067349	3105236	3181655	3118080	1.87	cps
Thallium	205-1	7201771	7189488	7289047	7226769	0.75	cps
Tin	118-1	2938321	2959689	2982922	2960310	0.75	cps
Titanium	47-1	480839	487823	489746	486136	0.96	cps
Uranium	238-1	9736011	9666080	9856238	9752776	0.99	cps
Vanadium	51-2	333739	335263	331200	333400	0.62	cps
Yttrium	89-1	7299173	7352914	7478975	7377020	1.25	cps
Yttrium	89-2	247110	244216	242827	244718	0.89	cps
Zinc	66-2	138086	140702	140533	139774	1.05	cps
Zirconium	90-1	6334244	6437677	6510983	6427635	1.38	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:12:32	DataFile Name :	030CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1455474	1462137	1482736	1466783	0.97	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:15:31	DataFile Name :	031CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	8	25	88.19	cps
Antimony	121-1	2792	2775	2334	2634	9.87	cps
Arsenic	75-2	17	9	7	11	44.09	cps
Barium	135-1	50	50	67	56	17.32	cps
Barium	137-1	167	100	58	108	50.44	cps
Beryllium	9-1	522	628	561	570	9.36	cps
Bismuth	209-1	5205683	5251557	5212662	5223301	0.47	cps
Bismuth	209-2	1485020	1501595	1495475	1494030	0.56	cps
Boron	11-1	20390	19581	18588	19520	4.63	cps
Boron	10-1	4784	4217	3801	4267	11.57	cps
Cadmium	106-1	1750	1717	1925	1797	6.23	cps
Cadmium	108-1	29	42	8	26	63.82	cps
Cadmium	111-1	1271	1260	1388	1306	5.40	cps
Calcium	43-1	1884	2134	1684	1900	11.87	cps
Calcium	44-1	34778	35396	34468	34880	1.35	cps
Chromium	52-2	590	587	670	616	7.67	cps
Cobalt	59-2	57	63	83	68	20.48	cps
Copper	63-2	433	507	420	453	10.30	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	17	0	7	8	107.84	cps
Gadolinium	160-1	67	67	25	53	45.58	cps
Gadolinium	160-2	13	13	17	14	13.35	cps
Holmium	165-1	8157531	8203108	8200196	8186945	0.31	cps
Holmium	165-2	1888080	1916531	1893881	1899497	0.79	cps
Indium	115-1	6944981	7072259	6950337	6989192	1.03	cps
Indium	115-2	328603	332627	329539	330257	0.64	cps
Iron	56-2	3656	3523	3428	3536	3.24	cps
Iron	57-2	61	78	117	85	33.47	cps
Lead	206-1	1028	939	1011	993	4.76	cps
Lead	207-1	833	767	878	826	6.77	cps
Lead	208-1	3867	3578	3845	3763	4.27	cps
Lithium	6-1	1191339	1203224	1206882	1200482	0.68	cps
Magnesium	24-2	342	358	392	364	7.00	cps
Manganese	55-2	130	173	110	138	23.50	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:15:31	DataFile Name :	031CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1100	1000	833	978	13.78	cps
Molybdenum	94-1	808	667	558	678	18.50	cps
Molybdenum	95-1	583	583	533	567	5.09	cps
Molybdenum	96-1	658	717	617	664	7.57	cps
Molybdenum	97-1	450	525	442	472	9.72	cps
Neodymium	150-1	7	27	27	20	57.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	263	160	210	211	24.48	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3901	3884	3784	3856	1.64	cps
Rhodium	103-1	6628642	6595925	6569257	6597941	0.45	cps
Rhodium	103-2	1819946	1833222	1826158	1826442	0.36	cps
Scandium	45-1	4060220	4081775	4170902	4104299	1.43	cps
Scandium	45-2	37183	38182	38256	37873	1.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	-87	5	-49	-44	-105.08	cps
Silicon	28-1	504464	526557	496215	509079	3.08	cps
Silver	109-1	633	567	558	586	7.01	cps
Silver	107-1	1762	1573	1538	1625	7.40	cps
Sodium	23-2	14133	14475	14291	14299	1.20	cps
Strontium	86-1	925	1033	1017	992	5.88	cps
Strontium	88-1	283	267	250	267	6.25	cps
Sulfur	34-1	394716	394026	391856	393533	0.38	cps
Terbium	159-1	8607145	8640704	8686423	8644757	0.46	cps
Terbium	159-2	1870467	1864761	1852810	1862679	0.48	cps
Thallium	203-1	933	825	958	906	7.83	cps
Thallium	205-1	1867	1917	1809	1864	2.91	cps
Tin	118-1	1417	1408	1600	1475	7.35	cps
Titanium	47-1	225	158	175	186	18.64	cps
Uranium	238-1	125	183	142	150	20.03	cps
Vanadium	51-2	17	10	10	12	31.50	cps
Yttrium	89-1	7279148	7378958	7325896	7328001	0.68	cps
Yttrium	89-2	246070	248035	246699	246935	0.41	cps
Zinc	66-2	77	73	57	69	15.55	cps
Zirconium	90-1	950	1075	783	936	15.63	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:15:31	DataFile Name :	031CCBE_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	233	167	219	21.59	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03	Instrumnet Name :	P8
Client Sample ID :	AC02A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:18:40	DataFile Name :	032SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	117	111	8.66	cps
Antimony	121-1	3617	3942	3559	3706	5.58	cps
Arsenic	75-2	117	102	135	118	14.17	cps
Barium	135-1	56580	55341	54388	55436	1.98	cps
Barium	137-1	95678	97031	91927	94879	2.79	cps
Beryllium	9-1	489	456	450	465	4.52	cps
Bismuth	209-1	5222315	5281742	5021147	5175068	2.64	cps
Bismuth	209-2	1427536	1429825	1491189	1449516	2.49	cps
Boron	11-1	73488	75055	71880	73475	2.16	cps
Boron	10-1	15676	15943	15651	15756	1.03	cps
Cadmium	106-1	1559	1784	1750	1697	7.16	cps
Cadmium	108-1	25	8	21	18	48.05	cps
Cadmium	111-1	1190	1318	1298	1269	5.41	cps
Calcium	43-1	1483009	1501536	1417461	1467336	3.01	cps
Calcium	44-1	23950781	24066501	22711323	23576202	3.19	cps
Chromium	52-2	1934	1853	2167	1985	8.20	cps
Cobalt	59-2	2320	2400	2347	2356	1.73	cps
Copper	63-2	331790	332314	340662	334922	1.49	cps
Dysprosium	156-1	58	33	58	50	28.86	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	133	33	42	69	79.90	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	58	100	58	72	33.31	cps
Gadolinium	160-2	20	27	7	18	57.27	cps
Holmium	165-1	8478327	8692840	8243816	8471661	2.65	cps
Holmium	165-2	1846807	1856635	1975052	1892831	3.77	cps
Indium	115-1	7221612	7297649	6895544	7138268	2.99	cps
Indium	115-2	322867	322241	335017	326708	2.20	cps
Iron	56-2	22708	22864	24283	23285	3.73	cps
Iron	57-2	561	639	617	606	6.62	cps
Lead	206-1	1561	1589	1539	1563	1.60	cps
Lead	207-1	1456	1533	1389	1459	4.95	cps
Lead	208-1	6490	6484	6073	6349	3.76	cps
Lithium	6-1	1253499	1244331	1191969	1229933	2.70	cps
Magnesium	24-2	914281	905170	944884	921445	2.26	cps
Manganese	55-2	393	440	347	393	11.86	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03	Instrumnet Name :	P8
Client Sample ID :	AC02A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:18:40	DataFile Name :	032SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3334	3809	2909	3351	13.44	cps
Molybdenum	94-1	2267	2525	2225	2339	6.95	cps
Molybdenum	95-1	2109	1934	1909	1984	5.50	cps
Molybdenum	96-1	2509	2442	2209	2386	6.60	cps
Molybdenum	97-1	1500	1408	1275	1395	8.11	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	633	550	567	583	7.56	cps
Phosphorus	31-2	25	17	33	25	33.32	cps
Potassium	39-2	29732	30543	30325	30200	1.39	cps
Rhodium	103-1	6690040	6681342	6405004	6592128	2.46	cps
Rhodium	103-2	1770798	1738543	1824994	1778112	2.46	cps
Scandium	45-1	4332806	4396364	4132341	4287170	3.21	cps
Scandium	45-2	37931	37507	39365	38268	2.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	2	3	124.95	cps
Selenium	82-1	149	157	81	129	32.21	cps
Silicon	28-1	37163779	37379752	35612898	36718810	2.62	cps
Silver	109-1	2467	2384	2450	2434	1.81	cps
Silver	107-1	6903	6633	6899	6811	2.28	cps
Sodium	23-2	2247454	2265521	2346122	2286366	2.30	cps
Strontium	86-1	603742	614931	581675	600116	2.82	cps
Strontium	88-1	5315922	5392911	5038607	5249147	3.55	cps
Sulfur	34-1	812736	812676	783588	803000	2.09	cps
Terbium	159-1	8860251	9074900	8559666	8831606	2.93	cps
Terbium	159-2	1829236	1809780	1890543	1843186	2.29	cps
Thallium	203-1	1358	1108	908	1125	20.04	cps
Thallium	205-1	3159	2625	2084	2623	20.50	cps
Tin	118-1	1467	1375	1292	1378	6.35	cps
Titanium	47-1	642	675	567	628	8.84	cps
Uranium	238-1	37073	38085	35176	36778	4.02	cps
Vanadium	51-2	1884	1947	1954	1928	2.00	cps
Yttrium	89-1	7651911	7783568	7337364	7590948	3.02	cps
Yttrium	89-2	243468	243742	255238	247483	2.71	cps
Zinc	66-2	8249	8326	8686	8420	2.77	cps
Zirconium	90-1	3342	3284	2975	3201	6.16	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03	Instrumnet Name :	P8
Client Sample ID :	AC02A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:18:40	DataFile Name :	032SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	717	708	694	4.54	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04	Instrumnet Name :	P8
Client Sample ID :	AC02B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:21:59	DataFile Name :	033SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	75	83	58	62.27	cps
Antimony	121-1	2659	2750	2659	2689	1.97	cps
Arsenic	75-2	144	135	128	136	6.15	cps
Barium	135-1	57024	56990	57450	57155	0.45	cps
Barium	137-1	99020	98986	98986	98997	0.02	cps
Beryllium	9-1	367	439	367	391	10.67	cps
Bismuth	209-1	5312346	5256270	5262605	5277074	0.58	cps
Bismuth	209-2	1520674	1521568	1517257	1519833	0.15	cps
Boron	11-1	61148	63558	63826	62844	2.35	cps
Boron	10-1	12856	13524	13365	13248	2.63	cps
Cadmium	106-1	1859	1859	1809	1842	1.57	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Cadmium	111-1	1313	1345	1292	1317	2.01	cps
Calcium	43-1	1593441	1599967	1614296	1602568	0.67	cps
Calcium	44-1	25642858	25591330	25677051	25637080	0.17	cps
Chromium	52-2	2144	2037	2140	2107	2.88	cps
Cobalt	59-2	97	113	130	113	14.70	cps
Copper	63-2	42468	42167	41940	42192	0.63	cps
Dysprosium	156-1	17	25	58	33	66.14	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	92	42	92	75	38.49	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	20	20	13	18	21.66	cps
Holmium	165-1	8555575	8585389	8541468	8560811	0.26	cps
Holmium	165-2	1984198	1968951	1964625	1972591	0.52	cps
Indium	115-1	7212516	7184571	7169741	7188943	0.30	cps
Indium	115-2	338124	342435	338270	339610	0.72	cps
Iron	56-2	10371	10304	10232	10302	0.67	cps
Iron	57-2	261	267	367	298	19.92	cps
Lead	206-1	1167	1122	1189	1159	2.93	cps
Lead	207-1	911	1195	1000	1035	14.00	cps
Lead	208-1	4528	4506	4584	4539	0.88	cps
Lithium	6-1	1233927	1244070	1253212	1243736	0.78	cps
Magnesium	24-2	962926	961496	950217	958213	0.73	cps
Manganese	55-2	237	277	273	262	8.46	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04	Instrumnet Name :	P8
Client Sample ID :	AC02B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:21:59	DataFile Name :	033SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3034	3025	2675	2912	7.03	cps
Molybdenum	94-1	1217	1375	1500	1364	10.41	cps
Molybdenum	95-1	1734	1917	1784	1811	5.23	cps
Molybdenum	96-1	2000	1984	2000	1995	0.48	cps
Molybdenum	97-1	1083	1233	1358	1225	11.24	cps
Neodymium	150-1	47	27	47	40	28.87	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	313	307	327	316	3.23	cps
Phosphorus	31-2	25	8	42	25	66.68	cps
Potassium	39-2	31570	31060	30400	31010	1.89	cps
Rhodium	103-1	6656123	6680268	6658658	6665016	0.20	cps
Rhodium	103-2	1867612	1868760	1837691	1858021	0.95	cps
Scandium	45-1	4325964	4297721	4238959	4287548	1.04	cps
Scandium	45-2	39857	39806	39710	39791	0.19	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	90	33	52	59	49.66	cps
Silicon	28-1	36589829	36999689	36968051	36852523	0.62	cps
Silver	109-1	1884	1834	1750	1822	3.70	cps
Silver	107-1	5297	5087	4886	5090	4.04	cps
Sodium	23-2	2334787	2343003	2321222	2333004	0.47	cps
Strontium	86-1	654284	650790	652198	652424	0.27	cps
Strontium	88-1	5752962	5683803	5727990	5721585	0.61	cps
Sulfur	34-1	809325	813150	814153	812209	0.31	cps
Terbium	159-1	9005427	8865268	8901622	8924106	0.82	cps
Terbium	159-2	1930595	1929043	1913155	1924264	0.50	cps
Thallium	203-1	308	508	350	389	27.13	cps
Thallium	205-1	950	925	1050	975	6.78	cps
Tin	118-1	1467	1308	1400	1392	5.71	cps
Titanium	47-1	525	583	442	517	13.78	cps
Uranium	238-1	41922	42967	42164	42351	1.29	cps
Vanadium	51-2	2210	1990	1977	2059	6.37	cps
Yttrium	89-1	7708111	7596292	7665799	7656734	0.74	cps
Yttrium	89-2	257962	256497	254471	256310	0.68	cps
Zinc	66-2	1403	1220	1290	1305	7.09	cps
Zirconium	90-1	925	950	1025	967	5.38	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04	Instrumnet Name :	P8
Client Sample ID :	AC02B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:21:59	DataFile Name :	033SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	242	267	228	20.80	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05	Instrumnet Name :	P8
Client Sample ID :	AC03A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:25:06	DataFile Name :	034SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	150	150	156	6.18	cps
Antimony	121-1	2175	2442	2259	2292	5.95	cps
Arsenic	75-2	120	111	128	120	6.97	cps
Barium	135-1	52748	53961	50957	52555	2.87	cps
Barium	137-1	90761	89787	89932	90160	0.58	cps
Beryllium	9-1	450	356	389	398	12.03	cps
Bismuth	209-1	5299997	5327498	5279309	5302268	0.46	cps
Bismuth	209-2	1522795	1514360	1503836	1513664	0.63	cps
Boron	11-1	69142	72718	71746	71202	2.60	cps
Boron	10-1	15209	14950	15576	15245	2.06	cps
Cadmium	106-1	1600	1817	1775	1731	6.64	cps
Cadmium	108-1	25	33	17	25	33.32	cps
Cadmium	111-1	1132	1323	1277	1244	8.04	cps
Calcium	43-1	1465640	1484169	1468762	1472857	0.67	cps
Calcium	44-1	23470093	23778171	23639199	23629154	0.65	cps
Chromium	52-2	2097	2210	2114	2140	2.86	cps
Cobalt	59-2	2344	2140	2077	2187	6.37	cps
Copper	63-2	263629	261496	259693	261606	0.75	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	117	17	25	53	105.13	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	58	92	75	75	22.22	cps
Gadolinium	160-2	7	13	30	17	72.11	cps
Holmium	165-1	8653611	8577441	8586256	8605769	0.48	cps
Holmium	165-2	1982149	1957998	1951234	1963794	0.83	cps
Indium	115-1	7259058	7178791	7182251	7206700	0.63	cps
Indium	115-2	341551	337367	336872	338597	0.76	cps
Iron	56-2	10838	10821	10988	10882	0.84	cps
Iron	57-2	267	294	372	311	17.59	cps
Lead	206-1	2845	2939	2745	2843	3.42	cps
Lead	207-1	2461	2311	2400	2391	3.16	cps
Lead	208-1	10963	11108	10897	10989	0.98	cps
Lithium	6-1	1240200	1225942	1268989	1245043	1.76	cps
Magnesium	24-2	940343	942381	931548	938091	0.61	cps
Manganese	55-2	327	433	420	393	14.78	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05	Instrumnet Name :	P8
Client Sample ID :	AC03A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:25:06	DataFile Name :	034SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2992	3084	3000	3025	1.67	cps
Molybdenum	94-1	2117	1934	2142	2064	5.51	cps
Molybdenum	95-1	1809	1834	1825	1822	0.70	cps
Molybdenum	96-1	2159	2159	2417	2245	6.65	cps
Molybdenum	97-1	1575	1375	1292	1414	10.30	cps
Neodymium	150-1	47	20	13	27	66.16	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	580	580	563	574	1.68	cps
Phosphorus	31-2	42	17	8	22	78.07	cps
Potassium	39-2	29849	29273	30058	29727	1.37	cps
Rhodium	103-1	6733405	6745712	6636036	6705051	0.90	cps
Rhodium	103-2	1865131	1861014	1836996	1854380	0.82	cps
Scandium	45-1	4275424	4248919	4264502	4262948	0.31	cps
Scandium	45-2	39101	38891	39014	39002	0.27	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	4	6	7	6	33.38	cps
Selenium	82-1	49	48	12	36	57.24	cps
Silicon	28-1	36921213	36815179	36250660	36662351	0.98	cps
Silver	109-1	4784	1425	1575	2595	73.12	cps
Silver	107-1	14058	3952	4394	7468	76.48	cps
Sodium	23-2	2247903	2235508	2227806	2237073	0.45	cps
Strontium	86-1	602613	596759	601840	600404	0.53	cps
Strontium	88-1	5263547	5249821	5206540	5239969	0.57	cps
Sulfur	34-1	814300	813727	802399	810142	0.83	cps
Terbium	159-1	9116955	8974728	9021359	9037680	0.80	cps
Terbium	159-2	1941514	1906780	1891441	1913245	1.34	cps
Thallium	203-1	292	267	358	306	15.51	cps
Thallium	205-1	500	575	608	561	9.89	cps
Tin	118-1	1192	1150	1225	1189	3.16	cps
Titanium	47-1	425	517	550	497	13.02	cps
Uranium	238-1	39296	40208	39062	39522	1.53	cps
Vanadium	51-2	2047	1880	2080	2002	5.35	cps
Yttrium	89-1	7739161	7644672	7573877	7652570	1.08	cps
Yttrium	89-2	256137	253768	253109	254338	0.63	cps
Zinc	66-2	4287	4387	4261	4312	1.55	cps
Zirconium	90-1	2800	2559	2717	2692	4.56	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05	Instrumnet Name :	P8
Client Sample ID :	AC03A1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:25:06	DataFile Name :	034SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	517	717	625	16.17	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06	Instrumnet Name :	P8
Client Sample ID :	AC03B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:28:13	DataFile Name :	035SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	83	92	78	22.30	cps
Antimony	121-1	1250	1250	1342	1281	4.13	cps
Arsenic	75-2	115	104	131	117	11.98	cps
Barium	135-1	51242	52488	52346	52025	1.31	cps
Barium	137-1	88303	90333	91289	89975	1.69	cps
Beryllium	9-1	356	378	344	359	4.72	cps
Bismuth	209-1	5245747	5298279	5289474	5277833	0.53	cps
Bismuth	209-2	1511252	1509273	1513711	1511412	0.15	cps
Boron	11-1	57425	61566	59792	59595	3.49	cps
Boron	10-1	12639	12840	12806	12762	0.84	cps
Cadmium	106-1	1592	2000	1609	1734	13.33	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Cadmium	111-1	1145	1416	1128	1230	13.17	cps
Calcium	43-1	1501798	1527599	1538554	1522650	1.24	cps
Calcium	44-1	24582610	24684056	24771687	24679451	0.38	cps
Chromium	52-2	1963	2180	2390	2178	9.80	cps
Cobalt	59-2	90	103	80	91	12.85	cps
Copper	63-2	46234	46397	46758	46463	0.58	cps
Dysprosium	156-1	33	58	8	33	75.02	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	75	100	83	86	14.79	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	8303789	8569148	8482985	8451974	1.60	cps
Holmium	165-2	1979824	1945624	1948605	1958018	0.97	cps
Indium	115-1	7093545	7151158	7207959	7150887	0.80	cps
Indium	115-2	337673	333764	333655	335030	0.68	cps
Iron	56-2	6607	6657	6691	6652	0.63	cps
Iron	57-2	256	211	211	226	11.36	cps
Lead	206-1	1000	956	939	965	3.27	cps
Lead	207-1	933	828	900	887	6.08	cps
Lead	208-1	3834	3700	4011	3848	4.06	cps
Lithium	6-1	1235858	1210177	1255466	1233834	1.84	cps
Magnesium	24-2	918074	912162	912219	914152	0.37	cps
Manganese	55-2	230	213	163	202	17.16	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06	Instrumnet Name :	P8
Client Sample ID :	AC03B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:28:13	DataFile Name :	035SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3017	3109	3126	3084	1.89	cps
Molybdenum	94-1	1200	1417	1442	1353	9.82	cps
Molybdenum	95-1	1900	1609	1700	1736	8.59	cps
Molybdenum	96-1	2042	1967	1792	1934	6.64	cps
Molybdenum	97-1	1217	1225	1108	1183	5.50	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	337	370	313	340	8.38	cps
Phosphorus	31-2	33	17	42	31	41.65	cps
Potassium	39-2	28563	28113	28855	28510	1.31	cps
Rhodium	103-1	6565189	6657114	6542870	6588391	0.92	cps
Rhodium	103-2	1836624	1836675	1852858	1842052	0.51	cps
Scandium	45-1	4223538	4228573	4279624	4243912	0.73	cps
Scandium	45-2	38887	38944	38894	38908	0.08	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	7	2	2	4	86.68	cps
Selenium	82-1	69	26	107	67	59.95	cps
Silicon	28-1	35188550	35922781	35698142	35603158	1.06	cps
Silver	109-1	767	842	792	800	4.77	cps
Silver	107-1	2135	2345	2194	2225	4.87	cps
Sodium	23-2	2183971	2177277	2190981	2184076	0.31	cps
Strontium	86-1	613458	622475	625306	620413	1.00	cps
Strontium	88-1	5356722	5449838	5486046	5430869	1.23	cps
Sulfur	34-1	795265	805838	803079	801394	0.68	cps
Terbium	159-1	8824744	8864685	8927216	8872215	0.58	cps
Terbium	159-2	1916444	1923585	1938046	1926025	0.57	cps
Thallium	203-1	208	142	317	222	39.75	cps
Thallium	205-1	458	442	325	408	17.79	cps
Tin	118-1	742	783	758	761	2.76	cps
Titanium	47-1	433	517	408	453	12.53	cps
Uranium	238-1	42833	41679	42231	42248	1.37	cps
Vanadium	51-2	2040	1980	1954	1991	2.23	cps
Yttrium	89-1	7465323	7530630	7670667	7555540	1.39	cps
Yttrium	89-2	254046	250855	251267	252056	0.69	cps
Zinc	66-2	1047	957	943	982	5.72	cps
Zirconium	90-1	633	650	775	686	11.29	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06	Instrumnet Name :	P8
Client Sample ID :	AC03B1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:28:13	DataFile Name :	035SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	167	133	150	11.11	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:31:21	DataFile Name :	036SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	17	31	56.77	cps
Antimony	121-1	408	325	442	392	15.34	cps
Arsenic	75-2	15	15	11	14	15.75	cps
Barium	135-1	2792	2567	2317	2559	9.29	cps
Barium	137-1	4326	4568	4318	4404	3.23	cps
Beryllium	9-1	306	367	389	354	12.20	cps
Bismuth	209-1	5038781	5083880	4659663	4927441	4.73	cps
Bismuth	209-2	1298799	1326044	1359389	1328077	2.28	cps
Boron	11-1	12748	12865	12306	12639	2.33	cps
Boron	10-1	2750	2684	2417	2617	6.74	cps
Cadmium	106-1	1625	1700	1575	1634	3.85	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Cadmium	111-1	1157	1218	1141	1172	3.44	cps
Calcium	43-1	68510	70461	63930	67634	4.96	cps
Calcium	44-1	1139722	1175082	1061042	1125282	5.19	cps
Chromium	52-2	690	733	643	689	6.53	cps
Cobalt	59-2	60	90	83	78	20.25	cps
Copper	63-2	9267	9557	9307	9377	1.68	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	67	58	83	69	18.33	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	7944486	7955480	7346547	7748837	4.50	cps
Holmium	165-2	1657587	1680643	1733533	1690588	2.30	cps
Indium	115-1	6794675	6738836	6175590	6569701	5.21	cps
Indium	115-2	287172	293149	296416	292246	1.60	cps
Iron	56-2	2873	3250	2939	3021	6.68	cps
Iron	57-2	106	89	100	98	8.65	cps
Lead	206-1	617	739	572	643	13.43	cps
Lead	207-1	583	606	600	596	1.94	cps
Lead	208-1	2639	2750	2656	2682	2.23	cps
Lithium	6-1	1149113	1158132	1086677	1131307	3.44	cps
Magnesium	24-2	40659	41403	42497	41520	2.23	cps
Manganese	55-2	133	117	127	126	6.68	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:31:21	DataFile Name :	036SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	242	317	225	261	18.70	cps
Molybdenum	94-1	233	308	358	300	20.97	cps
Molybdenum	95-1	167	100	192	153	31.01	cps
Molybdenum	96-1	267	217	225	236	11.35	cps
Molybdenum	97-1	150	283	217	217	30.77	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	213	193	193	200	5.77	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4409	4926	4659	4665	5.54	cps
Rhodium	103-1	6355109	6290488	5765669	6137089	5.27	cps
Rhodium	103-2	1579026	1641630	1654645	1625100	2.49	cps
Scandium	45-1	3926398	3892574	3679661	3832878	3.49	cps
Scandium	45-2	32782	33256	34229	33422	2.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-104	77	-77	-35	-281.24	cps
Silicon	28-1	2127215	2147598	2034204	2103006	2.87	cps
Silver	109-1	508	392	417	439	14.00	cps
Silver	107-1	1428	1088	1162	1226	14.59	cps
Sodium	23-2	103735	107932	111603	107757	3.65	cps
Strontium	86-1	29190	28430	26811	28144	4.32	cps
Strontium	88-1	243540	247662	225193	238798	5.01	cps
Sulfur	34-1	413541	418858	412230	414876	0.85	cps
Terbium	159-1	8293378	8474116	7712840	8160111	4.87	cps
Terbium	159-2	1583400	1631444	1674723	1629856	2.80	cps
Thallium	203-1	158	175	167	167	5.00	cps
Thallium	205-1	342	342	375	353	5.46	cps
Tin	118-1	642	783	633	686	12.29	cps
Titanium	47-1	225	242	250	239	5.33	cps
Uranium	238-1	1784	1967	1909	1886	4.97	cps
Vanadium	51-2	90	77	143	103	34.14	cps
Yttrium	89-1	7075899	7030429	6507755	6871361	4.59	cps
Yttrium	89-2	212605	219641	222264	218170	2.29	cps
Zinc	66-2	570	540	567	559	2.94	cps
Zirconium	90-1	600	575	558	578	3.63	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:31:21	DataFile Name :	036SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	167	92	142	30.57	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:34:29	DataFile Name :	037SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	42	28	45.82	cps
Antimony	121-1	258	350	383	331	19.58	cps
Arsenic	75-2	11	19	9	13	37.80	cps
Barium	135-1	2725	2717	2659	2700	1.35	cps
Barium	137-1	4309	4593	4434	4445	3.20	cps
Beryllium	9-1	300	344	311	319	7.26	cps
Bismuth	209-1	5017353	5120854	4996092	5044766	1.32	cps
Bismuth	209-2	1451943	1447637	1488082	1462554	1.52	cps
Boron	11-1	10996	10671	10788	10818	1.52	cps
Boron	10-1	2342	2459	2317	2373	3.19	cps
Cadmium	106-1	1784	1750	1525	1686	8.33	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Cadmium	111-1	1258	1227	1075	1187	8.24	cps
Calcium	43-1	72530	70955	71307	71597	1.15	cps
Calcium	44-1	1206937	1204856	1172288	1194694	1.63	cps
Chromium	52-2	797	803	707	769	7.02	cps
Cobalt	59-2	107	97	80	94	14.27	cps
Copper	63-2	10157	10421	10327	10302	1.30	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	50	25	28	75.51	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	108	83	42	78	43.30	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	7963839	7979547	7905801	7949729	0.49	cps
Holmium	165-2	1855830	1876833	1887296	1873320	0.86	cps
Indium	115-1	6840751	6713285	6631539	6728525	1.57	cps
Indium	115-2	319766	316728	322925	319806	0.97	cps
Iron	56-2	3100	3089	2989	3060	2.00	cps
Iron	57-2	89	67	56	70	24.12	cps
Lead	206-1	761	672	700	711	6.40	cps
Lead	207-1	611	689	728	676	8.79	cps
Lead	208-1	2834	3034	2961	2943	3.44	cps
Lithium	6-1	1169132	1169749	1134987	1157956	1.72	cps
Magnesium	24-2	45792	47330	44353	45825	3.25	cps
Manganese	55-2	100	120	140	120	16.67	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:34:29	DataFile Name :	037SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	325	200	217	247	27.45	cps
Molybdenum	94-1	342	367	308	339	8.64	cps
Molybdenum	95-1	208	167	233	203	16.61	cps
Molybdenum	96-1	267	167	308	247	29.45	cps
Molybdenum	97-1	142	192	150	161	16.63	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	253	217	200	223	12.22	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	4759	4668	4693	4707	1.01	cps
Rhodium	103-1	6319618	6318596	6220903	6286372	0.90	cps
Rhodium	103-2	1758452	1751195	1783938	1764528	0.97	cps
Scandium	45-1	3937320	3962880	3893843	3931348	0.89	cps
Scandium	45-2	36441	36678	37427	36848	1.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-46	57	13	8	635.37	cps
Silicon	28-1	2221917	2185751	2173439	2193702	1.15	cps
Silver	109-1	275	342	333	317	11.47	cps
Silver	107-1	733	948	932	871	13.73	cps
Sodium	23-2	117608	118751	117591	117983	0.56	cps
Strontium	86-1	29633	29792	30485	29970	1.51	cps
Strontium	88-1	250977	256277	252864	253373	1.06	cps
Sulfur	34-1	431951	431746	428910	430869	0.39	cps
Terbium	159-1	8423039	8424987	8327532	8391853	0.66	cps
Terbium	159-2	1810218	1805090	1843309	1819539	1.14	cps
Thallium	203-1	183	208	175	189	9.19	cps
Thallium	205-1	417	458	350	408	13.38	cps
Tin	118-1	667	792	850	770	12.17	cps
Titanium	47-1	183	175	225	194	13.78	cps
Uranium	238-1	1992	2067	2075	2045	2.24	cps
Vanadium	51-2	97	133	110	113	16.38	cps
Yttrium	89-1	7041248	7105631	6962476	7036452	1.02	cps
Yttrium	89-2	237427	240161	242787	240125	1.12	cps
Zinc	66-2	550	567	590	569	3.53	cps
Zirconium	90-1	575	600	608	594	2.92	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:34:29	DataFile Name :	037SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	100	125	111	11.46	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	AC01A1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-25 13:37:38	DataFile Name :	038SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	8	6	86.60	cps
Antimony	121-1	350	267	367	328	16.35	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	508	583	375	489	21.58	cps
Barium	137-1	892	883	1025	933	8.52	cps
Beryllium	9-1	339	311	317	322	4.56	cps
Bismuth	209-1	5028437	5023342	5071460	5041080	0.52	cps
Bismuth	209-2	1442573	1458817	1438339	1446576	0.75	cps
Boron	11-1	7369	7252	7602	7408	2.41	cps
Boron	10-1	1525	1592	1775	1631	7.94	cps
Cadmium	106-1	1508	1342	1775	1542	14.18	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Cadmium	111-1	1073	942	1256	1090	14.50	cps
Calcium	43-1	15367	14683	14917	14989	2.32	cps
Calcium	44-1	248235	249201	249167	248868	0.22	cps
Chromium	52-2	590	643	627	620	4.40	cps
Cobalt	59-2	57	43	87	62	35.67	cps
Copper	63-2	2100	2177	2290	2189	4.37	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	50	17	36	48.03	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	92	58	100	83	26.45	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	8012562	7795215	7964928	7924235	1.44	cps
Holmium	165-2	1841758	1862814	1800688	1835087	1.72	cps
Indium	115-1	6752138	6606944	6690148	6683077	1.09	cps
Indium	115-2	315065	318276	315642	316328	0.54	cps
Iron	56-2	2600	2962	2689	2750	6.84	cps
Iron	57-2	78	89	44	70	32.86	cps
Lead	206-1	878	689	811	793	12.09	cps
Lead	207-1	583	628	544	585	7.13	cps
Lead	208-1	2967	2706	3006	2893	5.64	cps
Lithium	6-1	1160299	1124082	1146064	1143482	1.60	cps
Magnesium	24-2	9028	9495	9037	9187	2.91	cps
Manganese	55-2	103	130	97	110	16.03	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	AC01A1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-25 13:37:38	DataFile Name :	038SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	217	250	225	231	7.52	cps
Molybdenum	94-1	308	208	167	228	31.97	cps
Molybdenum	95-1	83	92	208	128	54.70	cps
Molybdenum	96-1	150	108	217	158	34.51	cps
Molybdenum	97-1	192	100	142	144	31.78	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	210	157	172	19.10	cps
Phosphorus	31-2	33	25	8	22	57.29	cps
Potassium	39-2	3867	3551	3751	3723	4.30	cps
Rhodium	103-1	6358207	6213029	6324155	6298463	1.21	cps
Rhodium	103-2	1775734	1765844	1740890	1760823	1.02	cps
Scandium	45-1	3950628	3912476	3878712	3913939	0.92	cps
Scandium	45-2	36828	36701	36394	36641	0.61	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	9	0	6	88.19	cps
Selenium	82-1	-140	42	-77	-58	-158.61	cps
Silicon	28-1	894354	890636	901335	895442	0.61	cps
Silver	109-1	233	217	250	233	7.14	cps
Silver	107-1	640	575	675	630	8.06	cps
Sodium	23-2	30851	31411	30467	30910	1.53	cps
Strontium	86-1	6377	6485	6710	6524	2.61	cps
Strontium	88-1	46974	47710	48186	47623	1.28	cps
Sulfur	34-1	420105	420147	419462	419904	0.09	cps
Terbium	159-1	8357439	8279041	8335520	8324000	0.49	cps
Terbium	159-2	1798228	1805966	1748705	1784300	1.74	cps
Thallium	203-1	200	225	200	208	6.93	cps
Thallium	205-1	492	367	500	453	16.50	cps
Tin	118-1	633	833	967	811	20.69	cps
Titanium	47-1	267	242	258	256	4.98	cps
Uranium	238-1	383	417	383	394	4.88	cps
Vanadium	51-2	33	33	13	27	43.31	cps
Yttrium	89-1	7127427	6974849	6968515	7023597	1.28	cps
Yttrium	89-2	237599	237486	237379	237488	0.05	cps
Zinc	66-2	157	127	153	146	11.30	cps
Zirconium	90-1	533	583	575	564	4.75	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	AC01A1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-09-25 13:37:38	DataFile Name :	038SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	92	142	106	29.89	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:40:48	DataFile Name :	039SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3409	3592	3201	3401	5.76	cps
Antimony	121-1	220864	216934	213565	217121	1.68	cps
Arsenic	75-2	2891	2778	2947	2872	2.99	cps
Barium	135-1	223231	225563	219017	222604	1.49	cps
Barium	137-1	389276	389572	379026	385958	1.56	cps
Beryllium	9-1	33823	33768	33361	33651	0.75	cps
Bismuth	209-1	5157482	4991069	4811592	4986714	3.47	cps
Bismuth	209-2	1456070	1447297	1474552	1459307	0.95	cps
Boron	11-1	24897	26450	25457	25601	3.07	cps
Boron	10-1	5485	5476	5435	5465	0.49	cps
Cadmium	106-1	6527	6619	6085	6410	4.45	cps
Cadmium	108-1	3417	3134	3284	3278	4.33	cps
Cadmium	111-1	48970	49225	47730	48642	1.64	cps
Calcium	43-1	119666	120011	115742	118473	2.00	cps
Calcium	44-1	2019255	2014719	1951765	1995246	1.89	cps
Chromium	52-2	24034	23580	24058	23891	1.13	cps
Cobalt	59-2	48086	48370	48665	48374	0.60	cps
Copper	63-2	92328	92589	92522	92480	0.15	cps
Dysprosium	156-1	58	25	33	39	44.62	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	242	183	250	225	16.15	cps
Erbium	164-2	43	33	27	34	24.35	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	17	13	23	18	28.64	cps
Holmium	165-1	8120558	8009194	7689631	7939794	2.82	cps
Holmium	165-2	1885414	1878626	1899260	1887767	0.56	cps
Indium	115-1	6821407	6768126	6579758	6723097	1.89	cps
Indium	115-2	321365	317026	326214	321535	1.43	cps
Iron	56-2	757358	754736	754392	755495	0.21	cps
Iron	57-2	18201	19308	18802	18770	2.95	cps
Lead	206-1	126299	126457	122098	124951	1.98	cps
Lead	207-1	113318	114382	109642	112447	2.21	cps
Lead	208-1	510183	513514	494702	506133	1.98	cps
Lithium	6-1	1181750	1150443	1108782	1146991	3.19	cps
Magnesium	24-2	135299	133916	134757	134657	0.52	cps
Manganese	55-2	13006	12970	12973	12983	0.16	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:40:48	DataFile Name :	039SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	142677	144136	139825	142212	1.54	cps
Molybdenum	94-1	162401	162250	156947	160533	1.93	cps
Molybdenum	95-1	87776	88948	87951	88225	0.72	cps
Molybdenum	96-1	115246	116438	110430	114038	2.79	cps
Molybdenum	97-1	55397	56058	53934	55130	1.97	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	14394	14544	13844	14261	2.59	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	29306	29373	30676	29785	2.59	cps
Rhodium	103-1	6343626	6294525	6064378	6234176	2.39	cps
Rhodium	103-2	1781853	1761383	1793939	1779058	0.93	cps
Scandium	45-1	4014698	3957998	3819456	3930717	2.56	cps
Scandium	45-2	36504	36511	37076	36697	0.89	cps
Selenium	77-2	43	23	30	32	31.61	cps
Selenium	78-2	78	85	80	81	4.77	cps
Selenium	82-1	2897	3030	2978	2968	2.26	cps
Silicon	28-1	2282798	2258842	2170996	2237545	2.63	cps
Silver	109-1	229662	230576	221658	227299	2.16	cps
Silver	107-1	640647	642881	618243	633923	2.15	cps
Sodium	23-2	329112	325063	330368	328181	0.84	cps
Strontium	86-1	86750	87379	82466	85532	3.13	cps
Strontium	88-1	739772	747155	721789	736238	1.77	cps
Sulfur	34-1	438058	436113	437410	437194	0.23	cps
Terbium	159-1	8562472	8367606	8131235	8353771	2.59	cps
Terbium	159-2	1853397	1814104	1845800	1837767	1.13	cps
Thallium	203-1	157649	159146	152601	156465	2.19	cps
Thallium	205-1	373321	373489	363157	369989	1.60	cps
Tin	118-1	147563	150986	142795	147115	2.80	cps
Titanium	47-1	24005	24105	23947	24019	0.33	cps
Uranium	238-1	464528	468605	450379	461170	2.07	cps
Vanadium	51-2	17221	17007	17434	17221	1.24	cps
Yttrium	89-1	7116136	7042271	6873495	7010634	1.77	cps
Yttrium	89-2	239327	239473	242556	240452	0.76	cps
Zinc	66-2	8136	8082	7989	8069	0.92	cps
Zirconium	90-1	306181	307709	295513	303134	2.19	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:40:48	DataFile Name :	039SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67944	68908	64671	67174	3.31	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:43:55	DataFile Name :	040SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3459	3559	3367	3462	2.77	cps
Antimony	121-1	227312	226658	228313	227427	0.37	cps
Arsenic	75-2	3108	2924	2987	3007	3.10	cps
Barium	135-1	232010	234542	232423	232992	0.58	cps
Barium	137-1	395198	407437	399412	400682	1.55	cps
Beryllium	9-1	35416	35561	35544	35507	0.22	cps
Bismuth	209-1	4968734	5226299	5158353	5117795	2.61	cps
Bismuth	209-2	1504083	1493370	1489392	1495615	0.51	cps
Boron	11-1	26383	26918	26592	26631	1.01	cps
Boron	10-1	6035	5660	5468	5721	5.04	cps
Cadmium	106-1	6977	6410	6827	6738	4.36	cps
Cadmium	108-1	3384	3746	3288	3473	6.96	cps
Cadmium	111-1	50367	49900	50003	50090	0.49	cps
Calcium	43-1	120876	119497	122935	121103	1.43	cps
Calcium	44-1	2027109	2056791	2042150	2042016	0.73	cps
Chromium	52-2	25123	24602	24428	24718	1.46	cps
Cobalt	59-2	50792	50431	49866	50363	0.93	cps
Copper	63-2	96247	95667	95405	95773	0.45	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	250	183	200	211	16.43	cps
Erbium	164-2	33	67	60	53	33.08	cps
Gadolinium	160-1	58	67	83	69	18.33	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	8026013	8217382	8214369	8152588	1.34	cps
Holmium	165-2	1940096	1908252	1925177	1924508	0.83	cps
Indium	115-1	6686917	7022332	6909792	6873014	2.48	cps
Indium	115-2	330861	329057	324731	328216	0.96	cps
Iron	56-2	786704	779988	785926	784206	0.47	cps
Iron	57-2	19681	19509	20154	19781	1.69	cps
Lead	206-1	128841	130906	130565	130104	0.85	cps
Lead	207-1	115694	117315	116642	116550	0.70	cps
Lead	208-1	525858	532684	524658	527733	0.82	cps
Lithium	6-1	1164792	1191206	1170612	1175537	1.18	cps
Magnesium	24-2	138864	138056	137585	138168	0.47	cps
Manganese	55-2	13844	12960	12893	13232	4.01	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:43:55	DataFile Name :	040SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	147663	148782	147089	147845	0.58	cps
Molybdenum	94-1	164839	170679	169198	168238	1.80	cps
Molybdenum	95-1	91901	94142	90829	92291	1.83	cps
Molybdenum	96-1	118615	120717	117497	118943	1.37	cps
Molybdenum	97-1	56987	57707	59523	58072	2.25	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	14898	14578	15309	14928	2.45	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	30192	30091	30467	30250	0.64	cps
Rhodium	103-1	6353336	6453354	6535455	6447382	1.41	cps
Rhodium	103-2	1828505	1814664	1801616	1814928	0.74	cps
Scandium	45-1	3926389	4057119	4036023	4006510	1.75	cps
Scandium	45-2	38255	37062	38185	37834	1.77	cps
Selenium	77-2	7	20	23	17	52.90	cps
Selenium	78-2	89	91	85	88	3.20	cps
Selenium	82-1	2986	3078	3028	3030	1.51	cps
Silicon	28-1	2265028	2338642	2300884	2301518	1.60	cps
Silver	109-1	236340	238484	241549	238791	1.10	cps
Silver	107-1	659162	664832	673771	665921	1.11	cps
Sodium	23-2	338386	338310	337282	337992	0.18	cps
Strontium	86-1	88553	88938	88906	88799	0.24	cps
Strontium	88-1	754537	772321	771857	766238	1.32	cps
Sulfur	34-1	446960	448292	446735	447329	0.19	cps
Terbium	159-1	8387686	8711103	8682847	8593878	2.08	cps
Terbium	159-2	1881455	1870341	1838142	1863313	1.21	cps
Thallium	203-1	160671	163903	164679	163084	1.30	cps
Thallium	205-1	385529	388269	390687	388162	0.66	cps
Tin	118-1	153143	155840	152704	153895	1.10	cps
Titanium	47-1	24347	25633	26560	25513	4.36	cps
Uranium	238-1	477350	487215	476696	480420	1.23	cps
Vanadium	51-2	17728	17067	17458	17418	1.91	cps
Yttrium	89-1	7074551	7295121	7226912	7198861	1.57	cps
Yttrium	89-2	247696	245217	246107	246340	0.51	cps
Zinc	66-2	8616	8396	8573	8528	1.37	cps
Zirconium	90-1	314218	317563	318709	316830	0.74	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:43:55	DataFile Name :	040SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	70123	71028	70391	70514	0.66	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:47:03	DataFile Name :	041SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3742	3217	3534	3498	7.56	cps
Antimony	121-1	226905	225835	227262	226667	0.33	cps
Arsenic	75-2	2999	2839	2991	2943	3.06	cps
Barium	135-1	232370	232456	233428	232751	0.25	cps
Barium	137-1	399635	403538	400687	401286	0.50	cps
Beryllium	9-1	35784	35500	35550	35611	0.43	cps
Bismuth	209-1	5166418	5193811	5124612	5161614	0.68	cps
Bismuth	209-2	1534860	1492949	1508763	1512191	1.40	cps
Boron	11-1	25164	27168	26292	26208	3.83	cps
Boron	10-1	5535	5801	5610	5649	2.43	cps
Cadmium	106-1	6218	6910	6935	6688	6.09	cps
Cadmium	108-1	3455	3476	3401	3444	1.12	cps
Cadmium	111-1	50037	49683	50356	50025	0.67	cps
Calcium	43-1	120406	120128	122995	121176	1.30	cps
Calcium	44-1	2046746	2027688	2009569	2028001	0.92	cps
Chromium	52-2	24264	24191	24896	24450	1.58	cps
Cobalt	59-2	49106	49725	49514	49449	0.64	cps
Copper	63-2	94837	93599	95412	94616	0.98	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	233	192	225	217	10.18	cps
Erbium	164-2	57	53	63	58	8.81	cps
Gadolinium	160-1	83	92	125	100	22.05	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	8215581	8255778	8211668	8227675	0.30	cps
Holmium	165-2	1946292	1939356	1928937	1938195	0.45	cps
Indium	115-1	6969692	6955791	6875287	6933590	0.74	cps
Indium	115-2	336997	327398	332108	332168	1.44	cps
Iron	56-2	777185	781888	782282	780452	0.36	cps
Iron	57-2	19325	19258	19319	19301	0.19	cps
Lead	206-1	129588	128673	129139	129133	0.35	cps
Lead	207-1	117444	115499	117092	116678	0.89	cps
Lead	208-1	529488	520339	525196	525008	0.87	cps
Lithium	6-1	1170841	1192492	1187516	1183616	0.96	cps
Magnesium	24-2	136725	136795	138392	137304	0.69	cps
Manganese	55-2	13370	13470	13991	13610	2.45	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:47:03	DataFile Name :	041SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	149617	149423	147158	148733	0.92	cps
Molybdenum	94-1	165851	168382	167327	167186	0.76	cps
Molybdenum	95-1	92103	91894	91701	91899	0.22	cps
Molybdenum	96-1	120465	118665	119094	119408	0.79	cps
Molybdenum	97-1	57615	58661	57557	57944	1.07	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	14701	14898	14978	14859	0.96	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	29707	29206	29983	29632	1.33	cps
Rhodium	103-1	6423067	6528728	6476748	6476181	0.82	cps
Rhodium	103-2	1858456	1829487	1838281	1842075	0.81	cps
Scandium	45-1	4105963	4089878	4111075	4102305	0.27	cps
Scandium	45-2	38496	37510	38436	38147	1.45	cps
Selenium	77-2	17	10	20	16	32.73	cps
Selenium	78-2	72	80	76	76	4.88	cps
Selenium	82-1	3115	3056	3185	3119	2.08	cps
Silicon	28-1	2314783	2279006	2298064	2297284	0.78	cps
Silver	109-1	234281	236537	235605	235475	0.48	cps
Silver	107-1	652339	660116	656635	656363	0.59	cps
Sodium	23-2	337372	335506	339474	337451	0.59	cps
Strontium	86-1	88478	89695	88696	88956	0.73	cps
Strontium	88-1	753251	767341	763936	761509	0.97	cps
Sulfur	34-1	446412	445550	446031	445998	0.10	cps
Terbium	159-1	8556178	8691165	8675089	8640811	0.85	cps
Terbium	159-2	1891401	1850204	1897435	1879680	1.37	cps
Thallium	203-1	161387	161735	163236	162119	0.61	cps
Thallium	205-1	384570	388653	389717	387647	0.70	cps
Tin	118-1	153819	151499	155243	153520	1.23	cps
Titanium	47-1	24598	25466	25524	25196	2.06	cps
Uranium	238-1	483984	478494	478557	480345	0.66	cps
Vanadium	51-2	17488	17438	17611	17512	0.51	cps
Yttrium	89-1	7244429	7411208	7203602	7286413	1.51	cps
Yttrium	89-2	250906	246468	249018	248797	0.90	cps
Zinc	66-2	8753	8309	8506	8523	2.61	cps
Zirconium	90-1	315556	318105	318267	317309	0.48	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	AC01A1ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:47:03	DataFile Name :	041SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	70600	68272	69973	69615	1.73	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:50:11	DataFile Name :	042CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339565	335003	336356	336975	0.70	cps
Antimony	121-1	4355435	4322121	4348915	4342157	0.41	cps
Arsenic	75-2	53074	53949	53607	53543	0.82	cps
Barium	135-1	4512843	4509543	4583470	4535286	0.92	cps
Barium	137-1	7665117	7715033	7820534	7733561	1.03	cps
Beryllium	9-1	661279	657363	652541	657061	0.67	cps
Bismuth	209-1	5023139	5187595	5127380	5112705	1.63	cps
Bismuth	209-2	1407557	1397591	1399709	1401619	0.37	cps
Boron	11-1	352283	354757	356826	354622	0.64	cps
Boron	10-1	76319	75674	77635	76543	1.31	cps
Cadmium	106-1	95151	94925	96041	95372	0.62	cps
Cadmium	108-1	63955	63918	63905	63926	0.04	cps
Cadmium	111-1	902714	893463	897815	897997	0.52	cps
Calcium	43-1	4486350	4447336	4520796	4484827	0.82	cps
Calcium	44-1	72726389	71846777	72812452	72461872	0.74	cps
Chromium	52-2	440565	445692	443549	443269	0.58	cps
Cobalt	59-2	898597	888223	882656	889825	0.91	cps
Copper	63-2	1492570	1481142	1483384	1485699	0.41	cps
Dysprosium	156-1	100	100	100	100	0.01	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	75	42	133	83	55.68	cps
Erbium	164-2	17	7	27	17	59.99	cps
Gadolinium	160-1	167	117	108	131	24.17	cps
Gadolinium	160-2	10	20	47	26	74.17	cps
Holmium	165-1	8366419	8564724	8481529	8470891	1.18	cps
Holmium	165-2	1927771	1884623	1848106	1886833	2.11	cps
Indium	115-1	6696252	6879994	6779444	6785230	1.36	cps
Indium	115-2	310451	307053	303889	307131	1.07	cps
Iron	56-2	71210071	70711552	70470299	70797307	0.53	cps
Iron	57-2	1792941	1819056	1807917	1806638	0.73	cps
Lead	206-1	2504704	2525895	2520829	2517143	0.44	cps
Lead	207-1	2338335	2320787	2336229	2331784	0.41	cps
Lead	208-1	10318642	10336179	10447817	10367546	0.68	cps
Lithium	6-1	1183398	1188239	1179444	1183694	0.37	cps
Magnesium	24-2	8046598	8110094	8026506	8061066	0.54	cps
Manganese	55-2	243977	241741	243787	243169	0.51	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:50:11	DataFile Name :	042CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2942839	2969130	2943028	2951665	0.51	cps
Molybdenum	94-1	3452212	3410578	3379972	3414254	1.06	cps
Molybdenum	95-1	1841494	1813136	1826518	1827049	0.78	cps
Molybdenum	96-1	2378847	2402725	2355738	2379103	0.99	cps
Molybdenum	97-1	1103131	1111526	1107251	1107302	0.38	cps
Neodymium	150-1	147	213	187	182	18.41	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	260421	258103	259417	259313	0.45	cps
Phosphorus	31-2	5268	4751	4984	5001	5.18	cps
Potassium	39-2	2346573	2344810	2350628	2347337	0.13	cps
Rhodium	103-1	6090045	6278463	6137019	6168509	1.59	cps
Rhodium	103-2	1709400	1663844	1682137	1685127	1.36	cps
Scandium	45-1	4019392	4100621	4074448	4064820	1.02	cps
Scandium	45-2	36598	37069	37570	37079	1.31	cps
Selenium	77-2	367	357	370	364	1.90	cps
Selenium	78-2	1202	1209	1239	1217	1.61	cps
Selenium	82-1	57084	56960	57352	57132	0.35	cps
Silicon	28-1	2224664	2193329	2213767	2210587	0.72	cps
Silver	109-1	4158478	4124597	4105311	4129462	0.65	cps
Silver	107-1	11603225	11519163	11451547	11524645	0.66	cps
Sodium	23-2	19326802	19367026	19433400	19375743	0.28	cps
Strontium	86-1	1164287	1146509	1161488	1157428	0.83	cps
Strontium	88-1	10164015	10111480	10039312	10104936	0.62	cps
Sulfur	34-1	716889	710488	712202	713193	0.46	cps
Terbium	159-1	8742539	8939088	8884557	8855395	1.15	cps
Terbium	159-2	1840057	1824007	1803181	1822415	1.01	cps
Thallium	203-1	3117500	3141724	3137237	3132154	0.41	cps
Thallium	205-1	7289849	7316501	7404531	7336960	0.82	cps
Tin	118-1	2962476	2987682	2980220	2976793	0.43	cps
Titanium	47-1	478737	475365	480949	478350	0.59	cps
Uranium	238-1	9814302	9677996	9869469	9787256	1.01	cps
Vanadium	51-2	326045	325562	327202	326270	0.26	cps
Yttrium	89-1	7289082	7401491	7290409	7326994	0.88	cps
Yttrium	89-2	239713	237065	237201	237993	0.63	cps
Zinc	66-2	137999	138445	137671	138038	0.28	cps
Zirconium	90-1	6392507	6359884	6354882	6369091	0.32	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:50:11	DataFile Name :	042CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1445465	1449533	1428240	1441079	0.78	cps

LB Number : LB90299 Operator : Jaswal
 Lab Sample ID : CCB53 Instrumnet Name : P8
 Client Sample ID : CCB53 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-25 13:53:10 DataFile Name : 043CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	17	14	34.67	cps
Antimony	121-1	2534	2475	2492	2500	1.20	cps
Arsenic	75-2	20	11	13	15	33.08	cps
Barium	135-1	58	42	92	64	39.85	cps
Barium	137-1	50	175	142	122	52.96	cps
Beryllium	9-1	444	472	439	452	3.95	cps
Bismuth	209-1	5384277	5380507	5321162	5361982	0.66	cps
Bismuth	209-2	1482406	1507257	1525138	1504934	1.43	cps
Boron	11-1	12973	12723	11405	12367	6.81	cps
Boron	10-1	3259	3025	2542	2942	12.43	cps
Cadmium	106-1	1600	1609	1717	1642	3.96	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Cadmium	111-1	1153	1159	1246	1186	4.37	cps
Calcium	43-1	1775	1942	1734	1817	6.07	cps
Calcium	44-1	33508	33691	33825	33675	0.47	cps
Chromium	52-2	687	647	577	637	8.75	cps
Cobalt	59-2	87	57	97	80	26.02	cps
Copper	63-2	340	343	303	329	6.75	cps
Dysprosium	156-1	42	8	8	19	99.00	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	3	3	20	9	108.30	cps
Gadolinium	160-1	58	83	117	86	33.98	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	8425147	8359260	8357759	8380722	0.46	cps
Holmium	165-2	1903152	1931794	1941504	1925483	1.04	cps
Indium	115-1	7059835	6985572	6976860	7007422	0.65	cps
Indium	115-2	320903	325063	329633	325200	1.34	cps
Iron	56-2	3739	3445	3339	3508	5.91	cps
Iron	57-2	106	167	100	124	29.81	cps
Lead	206-1	872	933	761	856	10.21	cps
Lead	207-1	856	861	845	854	0.99	cps
Lead	208-1	3661	3623	3467	3584	2.87	cps
Lithium	6-1	1225518	1224064	1211203	1220262	0.65	cps
Magnesium	24-2	400	325	375	367	10.42	cps
Manganese	55-2	70	107	80	86	22.16	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:53:10	DataFile Name :	043CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	708	600	517	608	15.80	cps
Molybdenum	94-1	842	642	558	681	21.40	cps
Molybdenum	95-1	408	392	317	372	13.12	cps
Molybdenum	96-1	633	592	483	569	13.60	cps
Molybdenum	97-1	233	308	317	286	16.04	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	197	167	187	183	8.33	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3834	3576	3942	3784	4.98	cps
Rhodium	103-1	6644870	6603747	6482338	6576985	1.28	cps
Rhodium	103-2	1799392	1826601	1859359	1828451	1.64	cps
Scandium	45-1	4103288	4023533	4052313	4059711	0.99	cps
Scandium	45-2	37944	37142	37911	37666	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	9	0	4	107.89	cps
Selenium	82-1	-57	-13	-87	-52	-71.47	cps
Silicon	28-1	479506	508359	472345	486737	3.92	cps
Silver	109-1	725	458	467	550	27.59	cps
Silver	107-1	2098	1278	1300	1559	29.95	cps
Sodium	23-2	13424	13190	13348	13321	0.90	cps
Strontium	86-1	1042	875	958	958	8.70	cps
Strontium	88-1	217	275	242	244	11.97	cps
Sulfur	34-1	421185	419785	419157	420043	0.25	cps
Terbium	159-1	8742891	8756920	8665065	8721625	0.57	cps
Terbium	159-2	1846699	1867350	1881643	1865231	0.94	cps
Thallium	203-1	842	533	625	667	23.75	cps
Thallium	205-1	1500	1550	1525	1525	1.64	cps
Tin	118-1	1592	1534	1425	1517	5.58	cps
Titanium	47-1	75	167	192	144	42.53	cps
Uranium	238-1	217	225	225	222	2.17	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Yttrium	89-1	7339852	7316405	7267237	7307831	0.51	cps
Yttrium	89-2	241861	244108	245891	243953	0.83	cps
Zinc	66-2	47	53	50	50	6.66	cps
Zirconium	90-1	1333	1217	933	1161	17.72	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 13:53:10	DataFile Name :	043CCBE_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	233	242	244	5.21	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:56:19	DataFile Name :	044SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	8	22	78.07	cps
Antimony	121-1	858	942	833	878	6.46	cps
Arsenic	75-2	11	9	15	12	24.10	cps
Barium	135-1	3017	3492	3075	3195	8.11	cps
Barium	137-1	5460	6018	5793	5757	4.88	cps
Beryllium	9-1	333	406	283	341	18.03	cps
Bismuth	209-1	5188705	5309589	5029487	5175927	2.71	cps
Bismuth	209-2	1390573	1374837	1339702	1368370	1.90	cps
Boron	11-1	10346	10779	10413	10513	2.22	cps
Boron	10-1	2467	2442	2092	2334	8.99	cps
Cadmium	106-1	1617	1684	1650	1650	2.02	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Cadmium	111-1	1155	1186	1178	1173	1.38	cps
Calcium	43-1	77247	81093	77490	78610	2.74	cps
Calcium	44-1	1339410	1368390	1286390	1331396	3.12	cps
Chromium	52-2	680	727	677	694	4.03	cps
Cobalt	59-2	93	63	77	78	19.33	cps
Copper	63-2	5228	5541	5311	5360	3.03	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	50	67	75	64	19.92	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	8229021	8332992	7887859	8149957	2.86	cps
Holmium	165-2	1776497	1749014	1711512	1745674	1.87	cps
Indium	115-1	6877418	7037331	6628034	6847594	3.01	cps
Indium	115-2	306494	299395	292558	299482	2.33	cps
Iron	56-2	6185	5951	5974	6037	2.13	cps
Iron	57-2	156	200	156	170	15.06	cps
Lead	206-1	828	778	945	850	10.06	cps
Lead	207-1	717	783	611	704	12.34	cps
Lead	208-1	3278	3561	3378	3406	4.22	cps
Lithium	6-1	1204790	1213459	1144109	1187453	3.18	cps
Magnesium	24-2	46904	45758	45390	46017	1.72	cps
Manganese	55-2	93	100	93	96	4.02	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:56:19	DataFile Name :	044SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	408	392	317	372	13.12	cps
Molybdenum	94-1	475	483	500	486	2.62	cps
Molybdenum	95-1	258	142	175	192	31.35	cps
Molybdenum	96-1	358	375	275	336	15.94	cps
Molybdenum	97-1	167	242	192	200	19.09	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	163	227	199	16.28	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	4784	5218	4668	4890	5.93	cps
Rhodium	103-1	6519060	6511613	6258992	6429888	2.30	cps
Rhodium	103-2	1705279	1657180	1627454	1663304	2.36	cps
Scandium	45-1	3989743	4068382	3883023	3980383	2.34	cps
Scandium	45-2	35198	34606	33420	34408	2.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-75	-1	-145	-74	-98.53	cps
Silicon	28-1	2232825	2272054	2213232	2239370	1.34	cps
Silver	109-1	275	333	317	308	9.75	cps
Silver	107-1	770	922	862	851	8.97	cps
Sodium	23-2	140100	133260	135135	136165	2.60	cps
Strontium	86-1	35171	34862	33509	34514	2.56	cps
Strontium	88-1	285609	293937	279506	286350	2.53	cps
Sulfur	34-1	448504	445481	438325	444103	1.18	cps
Terbium	159-1	8628425	8815369	8313272	8585688	2.96	cps
Terbium	159-2	1733884	1724678	1674242	1710935	1.88	cps
Thallium	203-1	400	333	300	344	14.78	cps
Thallium	205-1	867	650	800	772	14.37	cps
Tin	118-1	958	1042	1150	1050	9.15	cps
Titanium	47-1	225	317	217	253	21.95	cps
Uranium	238-1	2175	2100	1959	2078	5.30	cps
Vanadium	51-2	93	70	110	91	22.05	cps
Yttrium	89-1	7232852	7350573	6975764	7186396	2.67	cps
Yttrium	89-2	226252	226652	218676	223860	2.01	cps
Zinc	66-2	823	767	780	790	3.75	cps
Zirconium	90-1	1042	925	1042	1003	6.72	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-02DLX20	Instrumnet Name :	P8
Client Sample ID :	AC01B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:56:19	DataFile Name :	044SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	217	250	239	8.06	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:59:29	DataFile Name :	045SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	525	625	542	564	9.50	cps
Arsenic	75-2	19	2	13	11	76.40	cps
Barium	135-1	2450	2717	2417	2528	6.51	cps
Barium	137-1	4401	4368	4618	4462	3.04	cps
Beryllium	9-1	322	433	267	341	24.90	cps
Bismuth	209-1	5367311	5230833	5205110	5267751	1.65	cps
Bismuth	209-2	1496123	1479565	1502098	1492595	0.78	cps
Boron	11-1	9996	9295	9187	9492	4.63	cps
Boron	10-1	2025	1834	1842	1900	5.70	cps
Cadmium	106-1	1809	1725	1542	1692	8.06	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Cadmium	111-1	1274	1221	1076	1190	8.61	cps
Calcium	43-1	69398	68007	67412	68272	1.49	cps
Calcium	44-1	1122212	1125525	1123383	1123707	0.15	cps
Chromium	52-2	747	697	703	716	3.79	cps
Cobalt	59-2	163	160	160	161	1.20	cps
Copper	63-2	16340	16226	16373	16313	0.47	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	83	25	42	87.18	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	8382915	8287070	8161199	8277062	1.34	cps
Holmium	165-2	1911535	1902971	1908841	1907782	0.23	cps
Indium	115-1	7070832	6945057	6906638	6974176	1.23	cps
Indium	115-2	327309	323617	330498	327142	1.05	cps
Iron	56-2	4812	4512	4156	4493	7.31	cps
Iron	57-2	117	94	89	100	14.70	cps
Lead	206-1	783	883	761	809	8.05	cps
Lead	207-1	750	706	678	711	5.12	cps
Lead	208-1	3134	3434	3156	3241	5.16	cps
Lithium	6-1	1230141	1203523	1171223	1201629	2.46	cps
Magnesium	24-2	45549	44662	44588	44933	1.19	cps
Manganese	55-2	90	77	153	107	38.40	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:59:29	DataFile Name :	045SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	383	383	342	369	6.51	cps
Molybdenum	94-1	392	367	308	356	12.03	cps
Molybdenum	95-1	208	267	267	247	13.62	cps
Molybdenum	96-1	317	283	317	306	6.30	cps
Molybdenum	97-1	208	175	225	203	12.55	cps
Neodymium	150-1	0	27	33	20	88.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	170	210	196	11.35	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	4468	5043	4759	4757	6.05	cps
Rhodium	103-1	6631478	6534162	6431484	6532375	1.53	cps
Rhodium	103-2	1796929	1790639	1855044	1814204	1.96	cps
Scandium	45-1	4097128	4087824	4042106	4075686	0.72	cps
Scandium	45-2	38055	36728	38419	37734	2.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	2	4	65.54	cps
Selenium	82-1	-55	-49	-38	-47	-19.14	cps
Silicon	28-1	2164949	2207362	2183855	2185389	0.97	cps
Silver	109-1	183	183	342	236	38.72	cps
Silver	107-1	490	480	962	644	42.75	cps
Sodium	23-2	120062	116633	118499	118398	1.45	cps
Strontium	86-1	29040	28982	28823	28948	0.39	cps
Strontium	88-1	241844	243575	246109	243843	0.88	cps
Sulfur	34-1	445549	437113	443795	442152	1.01	cps
Terbium	159-1	8713754	8626070	8564991	8634939	0.87	cps
Terbium	159-2	1881891	1878806	1895930	1885542	0.48	cps
Thallium	203-1	283	242	333	286	16.04	cps
Thallium	205-1	592	458	600	550	14.45	cps
Tin	118-1	892	1083	958	978	9.95	cps
Titanium	47-1	267	167	200	211	24.12	cps
Uranium	238-1	1775	1900	2092	1922	8.30	cps
Vanadium	51-2	130	110	93	111	16.52	cps
Yttrium	89-1	7501970	7239137	7343305	7361471	1.80	cps
Yttrium	89-2	245253	244275	248464	245997	0.89	cps
Zinc	66-2	400	467	477	448	9.31	cps
Zirconium	90-1	783	758	808	783	3.19	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-03DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 13:59:29	DataFile Name :	045SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	183	150	161	11.95	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:02:36	DataFile Name :	046SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	33	22	57.29	cps
Antimony	121-1	450	433	567	483	15.03	cps
Arsenic	75-2	7	11	9	9	19.98	cps
Barium	135-1	2750	2725	2775	2750	0.91	cps
Barium	137-1	4784	5010	4109	4634	10.11	cps
Beryllium	9-1	356	272	328	319	13.32	cps
Bismuth	209-1	5082245	5317225	4901146	5100205	4.09	cps
Bismuth	209-2	1357442	1301966	1434547	1364652	4.88	cps
Boron	11-1	7210	8244	7461	7638	7.06	cps
Boron	10-1	1542	1709	1642	1631	5.14	cps
Cadmium	106-1	1675	1592	1567	1611	3.52	cps
Cadmium	108-1	0	17	17	11	86.60	cps
Cadmium	111-1	1185	1123	1106	1138	3.65	cps
Calcium	43-1	70955	73686	69816	71486	2.78	cps
Calcium	44-1	1209914	1189715	1130772	1176800	3.49	cps
Chromium	52-2	677	680	623	660	4.82	cps
Cobalt	59-2	60	63	80	68	15.81	cps
Copper	63-2	2020	2047	2180	2082	4.12	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	10	7	0	6	91.64	cps
Holmium	165-1	8052781	8366119	7721591	8046830	4.01	cps
Holmium	165-2	1719537	1664185	1816884	1733535	4.46	cps
Indium	115-1	6707873	7110004	6647576	6821818	3.69	cps
Indium	115-2	300462	285237	312662	299453	4.59	cps
Iron	56-2	2778	2856	3078	2904	5.36	cps
Iron	57-2	78	128	39	81	54.69	cps
Lead	206-1	667	817	633	706	13.84	cps
Lead	207-1	700	583	644	643	9.08	cps
Lead	208-1	2856	2906	2750	2837	2.80	cps
Lithium	6-1	1196816	1229283	1150842	1192313	3.31	cps
Magnesium	24-2	40199	39189	42088	40492	3.63	cps
Manganese	55-2	87	100	93	93	7.14	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:02:36	DataFile Name :	046SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	258	375	242	292	24.91	cps
Molybdenum	94-1	433	283	358	358	20.93	cps
Molybdenum	95-1	150	183	192	175	12.60	cps
Molybdenum	96-1	275	283	250	269	6.44	cps
Molybdenum	97-1	108	100	242	150	53.00	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	170	163	158	9.98	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	4759	4784	4418	4654	4.40	cps
Rhodium	103-1	6345472	6589364	6189719	6374852	3.16	cps
Rhodium	103-2	1678129	1593971	1757984	1676695	4.89	cps
Scandium	45-1	3918900	4105128	3822472	3948833	3.64	cps
Scandium	45-2	34563	33366	36066	34665	3.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	-31	-23	-46	-34	-34.93	cps
Silicon	28-1	2141394	2160829	2087610	2129944	1.78	cps
Silver	109-1	350	217	250	272	25.49	cps
Silver	107-1	995	603	710	769	26.32	cps
Sodium	23-2	104449	99463	106984	103632	3.69	cps
Strontium	86-1	30042	29291	28155	29163	3.26	cps
Strontium	88-1	252428	258675	242303	251136	3.29	cps
Sulfur	34-1	442568	444894	436458	441306	0.99	cps
Terbium	159-1	8414556	8754642	8166336	8445178	3.50	cps
Terbium	159-2	1699407	1635272	1763491	1699390	3.77	cps
Thallium	203-1	225	208	133	189	25.85	cps
Thallium	205-1	442	492	450	461	5.81	cps
Tin	118-1	983	950	692	875	18.24	cps
Titanium	47-1	200	233	217	217	7.69	cps
Uranium	238-1	2159	1959	2042	2053	4.89	cps
Vanadium	51-2	103	100	123	109	11.59	cps
Yttrium	89-1	6996763	7352530	6881580	7076958	3.47	cps
Yttrium	89-2	223920	213627	232012	223186	4.13	cps
Zinc	66-2	90	97	87	91	5.59	cps
Zirconium	90-1	692	750	633	692	8.43	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-04DLX20	Instrumnet Name :	P8
Client Sample ID :	AC02B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:02:36	DataFile Name :	046SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	175	233	194	17.32	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:05:44	DataFile Name :	047SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	17	28	45.82	cps
Antimony	121-1	425	342	225	331	30.39	cps
Arsenic	75-2	7	7	4	6	34.70	cps
Barium	135-1	2684	2575	2275	2511	8.42	cps
Barium	137-1	4259	4559	4351	4390	3.50	cps
Beryllium	9-1	306	361	239	302	20.27	cps
Bismuth	209-1	5088950	5234210	4893891	5072350	3.37	cps
Bismuth	209-2	1362116	1405693	1374489	1380766	1.63	cps
Boron	11-1	7602	8028	7477	7702	3.75	cps
Boron	10-1	1567	1742	1600	1636	5.68	cps
Cadmium	106-1	1600	1534	1784	1639	7.90	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Cadmium	111-1	1121	1084	1263	1156	8.18	cps
Calcium	43-1	68409	67412	63502	66441	3.90	cps
Calcium	44-1	1103989	1118778	1058967	1093911	2.85	cps
Chromium	52-2	677	733	647	686	6.42	cps
Cobalt	59-2	163	190	143	166	14.14	cps
Copper	63-2	11515	11962	11652	11710	1.96	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	33	50	33	50.00	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	83	92	75	83	10.00	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	8004825	8214980	7748971	7989592	2.92	cps
Holmium	165-2	1745695	1801872	1743795	1763788	1.87	cps
Indium	115-1	6743276	6841582	6486605	6690488	2.74	cps
Indium	115-2	298868	307731	298943	301847	1.69	cps
Iron	56-2	3000	2923	2689	2871	5.64	cps
Iron	57-2	72	72	44	63	25.47	cps
Lead	206-1	739	722	739	733	1.31	cps
Lead	207-1	728	594	700	674	10.44	cps
Lead	208-1	3128	3045	2850	3008	4.74	cps
Lithium	6-1	1199002	1181846	1136938	1172595	2.73	cps
Magnesium	24-2	41620	42556	41595	41924	1.31	cps
Manganese	55-2	83	67	77	76	11.10	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:05:44	DataFile Name :	047SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	242	233	233	236	2.04	cps
Molybdenum	94-1	375	317	317	336	10.02	cps
Molybdenum	95-1	133	133	175	147	16.34	cps
Molybdenum	96-1	258	183	192	211	19.47	cps
Molybdenum	97-1	225	150	175	183	20.83	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	163	203	176	13.74	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	4526	4818	4484	4609	3.94	cps
Rhodium	103-1	6265270	6423516	6073661	6254149	2.80	cps
Rhodium	103-2	1650612	1703220	1665027	1672953	1.62	cps
Scandium	45-1	3961210	3989777	3803328	3918105	2.56	cps
Scandium	45-2	34472	35067	34643	34728	0.88	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-52	-44	-35	-44	-19.28	cps
Silicon	28-1	2167270	2182117	2037643	2129010	3.73	cps
Silver	109-1	292	267	217	258	14.78	cps
Silver	107-1	833	752	597	727	16.53	cps
Sodium	23-2	101947	105077	104407	103810	1.59	cps
Strontium	86-1	28339	28347	26276	27654	4.31	cps
Strontium	88-1	235078	240822	223326	233075	3.83	cps
Sulfur	34-1	444636	445077	438925	442879	0.77	cps
Terbium	159-1	8448974	8542798	8162748	8384840	2.36	cps
Terbium	159-2	1714330	1762760	1680941	1719344	2.39	cps
Thallium	203-1	158	175	208	181	14.10	cps
Thallium	205-1	333	458	417	403	15.80	cps
Tin	118-1	767	792	758	772	2.25	cps
Titanium	47-1	133	217	242	197	28.76	cps
Uranium	238-1	1959	2092	1775	1942	8.19	cps
Vanadium	51-2	90	90	100	93	6.19	cps
Yttrium	89-1	7082144	7207556	6809358	7033019	2.89	cps
Yttrium	89-2	223959	231828	222407	226065	2.23	cps
Zinc	66-2	233	227	237	232	2.19	cps
Zirconium	90-1	683	758	625	689	9.70	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-05DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03A1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:05:44	DataFile Name :	047SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	117	167	142	17.65	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:08:53	DataFile Name :	048SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	300	317	283	300	5.56	cps
Arsenic	75-2	4	17	11	10	62.01	cps
Barium	135-1	2392	2517	2242	2384	5.78	cps
Barium	137-1	4718	4501	4376	4532	3.82	cps
Beryllium	9-1	261	233	306	267	13.66	cps
Bismuth	209-1	5270921	5289999	5255160	5272027	0.33	cps
Bismuth	209-2	1521863	1445792	1499934	1489197	2.63	cps
Boron	11-1	6385	6894	6644	6641	3.83	cps
Boron	10-1	1558	1458	1533	1517	3.43	cps
Cadmium	106-1	1667	1558	1667	1631	3.84	cps
Cadmium	108-1	13	33	17	21	52.90	cps
Cadmium	111-1	1175	1105	1159	1146	3.19	cps
Calcium	43-1	71173	72739	70862	71591	1.40	cps
Calcium	44-1	1176678	1208422	1175886	1186995	1.56	cps
Chromium	52-2	710	763	677	717	6.10	cps
Cobalt	59-2	67	57	33	52	32.76	cps
Copper	63-2	2330	2514	2387	2410	3.90	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	17	25	36	74.18	cps
Erbium	164-2	7	17	0	8	107.84	cps
Gadolinium	160-1	83	42	100	75	40.06	cps
Gadolinium	160-2	17	10	17	14	26.66	cps
Holmium	165-1	8209211	8391053	8277110	8292458	1.11	cps
Holmium	165-2	1966234	1834675	1899505	1900138	3.46	cps
Indium	115-1	7018242	7130349	7010438	7053010	0.95	cps
Indium	115-2	332830	316431	331224	326828	2.77	cps
Iron	56-2	2850	2900	2773	2841	2.27	cps
Iron	57-2	100	106	67	91	23.18	cps
Lead	206-1	672	678	606	652	6.17	cps
Lead	207-1	500	594	511	535	9.65	cps
Lead	208-1	2578	2834	2578	2663	5.54	cps
Lithium	6-1	1183743	1201975	1223697	1203138	1.66	cps
Magnesium	24-2	44538	44596	43986	44373	0.76	cps
Manganese	55-2	80	103	77	87	16.77	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:08:53	DataFile Name :	048SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	283	208	258	250	15.27	cps
Molybdenum	94-1	292	333	283	303	8.85	cps
Molybdenum	95-1	133	208	125	156	29.50	cps
Molybdenum	96-1	200	208	175	194	8.92	cps
Molybdenum	97-1	83	75	150	103	40.00	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	160	153	173	162	6.28	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	4684	4776	5018	4826	3.57	cps
Rhodium	103-1	6497168	6542620	6513480	6517756	0.35	cps
Rhodium	103-2	1859687	1776566	1810655	1815636	2.30	cps
Scandium	45-1	4016231	4159945	4046741	4074306	1.86	cps
Scandium	45-2	38576	36524	38640	37913	3.17	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-20	-35	-53	-36	-46.15	cps
Silicon	28-1	2140901	2182719	2162986	2162202	0.97	cps
Silver	109-1	192	283	167	214	28.72	cps
Silver	107-1	527	813	470	603	30.51	cps
Sodium	23-2	109200	108587	108436	108741	0.37	cps
Strontium	86-1	30117	30218	30460	30265	0.58	cps
Strontium	88-1	253998	252937	251276	252737	0.54	cps
Sulfur	34-1	450233	445006	439678	444972	1.19	cps
Terbium	159-1	8709925	8688172	8644808	8680969	0.38	cps
Terbium	159-2	1902732	1808789	1878943	1863488	2.62	cps
Thallium	203-1	117	258	225	200	37.04	cps
Thallium	205-1	467	467	458	464	1.04	cps
Tin	118-1	933	817	608	786	20.94	cps
Titanium	47-1	233	200	258	231	12.69	cps
Uranium	238-1	2359	2117	2009	2161	8.29	cps
Vanadium	51-2	93	120	93	102	15.06	cps
Yttrium	89-1	7274063	7478207	7348881	7367051	1.40	cps
Yttrium	89-2	249543	236949	246911	244468	2.72	cps
Zinc	66-2	120	67	80	89	31.22	cps
Zirconium	90-1	617	575	550	581	5.80	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5387-06DLX20	Instrumnet Name :	P8
Client Sample ID :	AC03B1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:08:53	DataFile Name :	048SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	125	150	128	16.41	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5167-13RE	Instrumnet Name :	P8
Client Sample ID :	CPS083061RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:12:01	DataFile Name :	049SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	358	408	342	22.35	cps
Antimony	121-1	12882	12823	12415	12706	2.00	cps
Arsenic	75-2	278	283	235	265	9.92	cps
Barium	135-1	109551	108374	102092	106673	3.76	cps
Barium	137-1	188383	186320	177485	184063	3.15	cps
Beryllium	9-1	294	261	261	272	7.07	cps
Bismuth	209-1	5836913	5773941	5546180	5719011	2.67	cps
Bismuth	209-2	1498753	1562132	1456173	1505686	3.54	cps
Boron	11-1	204343	210962	205940	207082	1.67	cps
Boron	10-1	44637	45624	45256	45172	1.10	cps
Cadmium	106-1	2067	1875	1625	1856	11.94	cps
Cadmium	108-1	50	17	42	36	48.03	cps
Cadmium	111-1	1479	1384	1133	1332	13.39	cps
Calcium	43-1	1463645	1466648	1387347	1439214	3.12	cps
Calcium	44-1	23173884	23318790	22280193	22924289	2.45	cps
Chromium	52-2	877	900	963	913	4.91	cps
Cobalt	59-2	370	297	273	313	16.10	cps
Copper	63-2	5538	5231	5058	5276	4.61	cps
Dysprosium	156-1	183	133	208	175	21.82	cps
Dysprosium	156-2	10	27	27	21	45.58	cps
Erbium	164-1	108	158	133	133	18.75	cps
Erbium	164-2	17	33	43	31	43.29	cps
Gadolinium	160-1	150	192	200	181	14.84	cps
Gadolinium	160-2	40	53	37	43	20.34	cps
Holmium	165-1	9282831	9261632	8843934	9129465	2.71	cps
Holmium	165-2	1960903	2028975	1888245	1959374	3.59	cps
Indium	115-1	7833186	7842472	7393232	7689630	3.34	cps
Indium	115-2	332857	342695	318939	331497	3.60	cps
Iron	56-2	523470	517472	501998	514313	2.15	cps
Iron	57-2	13318	12728	12423	12823	3.55	cps
Lead	206-1	1533	1245	1406	1395	10.38	cps
Lead	207-1	1361	1061	1028	1150	15.96	cps
Lead	208-1	5601	4962	4928	5164	7.34	cps
Lithium	6-1	1364833	1345103	1288594	1332843	2.97	cps
Magnesium	24-2	301139	301099	285767	296002	2.99	cps
Manganese	55-2	15269	15052	15042	15121	0.85	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5167-13RE	Instrumnet Name :	P8
Client Sample ID :	CPS083061RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:12:01	DataFile Name :	049SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	284513	286632	273545	281563	2.49	cps
Molybdenum	94-1	103803	105155	98883	102614	3.22	cps
Molybdenum	95-1	179776	182876	171868	178173	3.19	cps
Molybdenum	96-1	192726	193426	185137	190430	2.41	cps
Molybdenum	97-1	111723	111749	107717	110397	2.10	cps
Neodymium	150-1	220	260	267	249	10.14	cps
Neodymium	150-2	20	27	33	27	24.99	cps
Nickel	60-2	937	893	937	922	2.71	cps
Phosphorus	31-2	17	0	33	17	99.99	cps
Potassium	39-2	81494	80573	76550	79539	3.31	cps
Rhodium	103-1	7128243	7293111	6872617	7097990	2.98	cps
Rhodium	103-2	1833918	1882467	1759854	1825413	3.38	cps
Scandium	45-1	4537002	4511417	4396390	4481603	1.67	cps
Scandium	45-2	37661	39582	36604	37949	3.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	-21	58	16	18	221.97	cps
Silicon	28-1	19642997	19870649	18806127	19439924	2.88	cps
Silver	109-1	125	233	125	161	38.82	cps
Silver	107-1	318	637	333	429	41.83	cps
Sodium	23-2	2649504	2600027	2516792	2588774	2.59	cps
Strontium	86-1	9721658	9720538	9194461	9545552	3.19	cps
Strontium	88-1	84152421	83566037	79987358	82568605	2.73	cps
Sulfur	34-1	981859	982570	943021	969150	2.34	cps
Terbium	159-1	9596319	9782493	9293853	9557555	2.58	cps
Terbium	159-2	1904886	1941712	1822693	1889764	3.22	cps
Thallium	203-1	292	242	200	244	18.78	cps
Thallium	205-1	533	708	567	603	15.42	cps
Tin	118-1	12314	12465	11597	12125	3.82	cps
Titanium	47-1	1459	1275	2953	1896	48.54	cps
Uranium	238-1	25252	23999	23882	24378	3.11	cps
Vanadium	51-2	263	260	237	253	5.74	cps
Yttrium	89-1	8214400	8258158	7852829	8108462	2.74	cps
Yttrium	89-2	248614	258456	241173	249414	3.48	cps
Zinc	66-2	590	583	567	580	2.07	cps
Zirconium	90-1	3892	3834	3826	3851	0.94	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5167-13RE	Instrumnet Name :	P8
Client Sample ID :	CPS083061RE	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:12:01	DataFile Name :	049SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	942	1008	892	947	6.18	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:15:08	DataFile Name :	050SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98633	98214	91915	96254	3.91	cps
Antimony	121-1	217941	218334	222043	219439	1.03	cps
Arsenic	75-2	3404	3341	3310	3352	1.44	cps
Barium	135-1	623347	622677	618649	621558	0.41	cps
Barium	137-1	1073803	1068877	1076644	1073108	0.37	cps
Beryllium	9-1	2134	2284	2117	2178	4.22	cps
Bismuth	209-1	5158878	5202927	5121331	5161045	0.79	cps
Bismuth	209-2	1435487	1431952	1380949	1416129	2.16	cps
Boron	11-1	15876	15734	15042	15551	2.87	cps
Boron	10-1	3200	3359	3384	3314	3.00	cps
Cadmium	106-1	2909	2734	2934	2859	3.81	cps
Cadmium	108-1	763	604	729	699	11.95	cps
Cadmium	111-1	10581	10744	11068	10797	2.30	cps
Calcium	43-1	633245	632540	633124	632969	0.06	cps
Calcium	44-1	10506788	10409496	10508357	10474880	0.54	cps
Chromium	52-2	28599	27881	27581	28020	1.87	cps
Cobalt	59-2	24448	24021	23036	23835	3.04	cps
Copper	63-2	298499	297054	287312	294288	2.07	cps
Dysprosium	156-1	39636	37873	40698	39402	3.62	cps
Dysprosium	156-2	9340	9434	8746	9173	4.06	cps
Erbium	164-1	35031	34105	34831	34656	1.41	cps
Erbium	164-2	7219	7266	7005	7163	1.94	cps
Gadolinium	160-1	36987	37422	37806	37405	1.10	cps
Gadolinium	160-2	11345	11185	10911	11147	1.97	cps
Holmium	165-1	8191236	8233901	8229487	8218208	0.29	cps
Holmium	165-2	1857787	1852383	1757738	1822636	3.09	cps
Indium	115-1	6797270	6828888	6796425	6807528	0.27	cps
Indium	115-2	309839	312790	302805	308478	1.66	cps
Iron	56-2	26372978	26334128	25612528	26106545	1.64	cps
Iron	57-2	660851	656236	636428	651172	1.99	cps
Lead	206-1	10065735	10015039	10054042	10044939	0.26	cps
Lead	207-1	8369261	8404420	8474727	8416136	0.64	cps
Lead	208-1	39377558	39491601	39692816	39520658	0.40	cps
Lithium	6-1	1205572	1204187	1203452	1204404	0.09	cps
Magnesium	24-2	486731	482537	467274	478847	2.14	cps
Manganese	55-2	142084	140787	138418	140430	1.32	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:15:08	DataFile Name :	050SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	24773	24673	25466	24971	1.73	cps
Molybdenum	94-1	17738	17495	18672	17968	3.46	cps
Molybdenum	95-1	15668	15409	16102	15726	2.23	cps
Molybdenum	96-1	18279	18772	18805	18619	1.58	cps
Molybdenum	97-1	9695	9262	9654	9537	2.51	cps
Neodymium	150-1	59530	57922	59300	58917	1.48	cps
Neodymium	150-2	8786	8553	7906	8415	5.42	cps
Nickel	60-2	16774	16797	16296	16622	1.70	cps
Phosphorus	31-2	1367	1233	1325	1308	5.21	cps
Potassium	39-2	41997	42707	40618	41774	2.54	cps
Rhodium	103-1	6369908	6397369	6388150	6385142	0.22	cps
Rhodium	103-2	1770364	1763289	1680118	1737924	2.89	cps
Scandium	45-1	4055355	4080259	4037582	4057732	0.53	cps
Scandium	45-2	35999	36447	35602	36016	1.17	cps
Selenium	77-2	37	23	37	32	23.90	cps
Selenium	78-2	15	20	20	19	17.34	cps
Selenium	82-1	103	147	207	152	34.12	cps
Silicon	28-1	7783302	7777207	7737352	7765954	0.32	cps
Silver	109-1	4643	4534	4643	4607	1.36	cps
Silver	107-1	12980	12601	12853	12811	1.50	cps
Sodium	23-2	21409	20766	20549	20908	2.14	cps
Strontium	86-1	83204	83782	83313	83433	0.37	cps
Strontium	88-1	719203	720434	721981	720539	0.19	cps
Sulfur	34-1	426519	427641	423393	425851	0.52	cps
Terbium	159-1	8645150	8655207	8619028	8639795	0.22	cps
Terbium	159-2	1806176	1773746	1719949	1766624	2.47	cps
Thallium	203-1	2350	2025	2417	2264	9.26	cps
Thallium	205-1	5818	5376	5518	5571	4.05	cps
Tin	118-1	358500	357573	361975	359350	0.65	cps
Titanium	47-1	70671	69968	70402	70347	0.50	cps
Uranium	238-1	26730	27239	28032	27334	2.40	cps
Vanadium	51-2	30934	30627	30236	30599	1.14	cps
Yttrium	89-1	7746833	7795656	7719903	7754131	0.50	cps
Yttrium	89-2	253122	254206	246270	251199	1.71	cps
Zinc	66-2	248249	250192	242087	246842	1.71	cps
Zirconium	90-1	25450	24573	24397	24807	2.27	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:15:08	DataFile Name :	050SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5526	5693	5310	5510	3.49	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	2
Date & Time Acquired ::	2017-09-25 14:18:14	DataFile Name :	051SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50616	47271	49203	49030	3.42	cps
Antimony	121-1	111723	112108	112051	111961	0.19	cps
Arsenic	75-2	1785	1811	1645	1747	5.13	cps
Barium	135-1	312369	309215	313252	311612	0.68	cps
Barium	137-1	541392	535841	532796	536676	0.81	cps
Beryllium	9-1	1211	1217	1117	1182	4.76	cps
Bismuth	209-1	5086576	5216719	4985438	5096244	2.28	cps
Bismuth	209-2	1429200	1440630	1434818	1434883	0.40	cps
Boron	11-1	9645	8853	8695	9064	5.62	cps
Boron	10-1	1975	2034	1950	1986	2.15	cps
Cadmium	106-1	2234	2325	1784	2114	13.72	cps
Cadmium	108-1	350	371	367	363	3.04	cps
Cadmium	111-1	6149	5811	5659	5873	4.27	cps
Calcium	43-1	320850	315846	318619	318439	0.79	cps
Calcium	44-1	5288329	5273739	5294144	5285404	0.20	cps
Chromium	52-2	14932	14561	14858	14784	1.33	cps
Cobalt	59-2	12729	12032	12342	12368	2.82	cps
Copper	63-2	151445	149663	149894	150334	0.64	cps
Dysprosium	156-1	19624	20175	20091	19963	1.49	cps
Dysprosium	156-2	4638	4684	4551	4624	1.46	cps
Erbium	164-1	17471	16987	17571	17343	1.80	cps
Erbium	164-2	3687	3744	3654	3695	1.23	cps
Gadolinium	160-1	18614	19357	19449	19140	2.39	cps
Gadolinium	160-2	5728	5815	5735	5759	0.84	cps
Holmium	165-1	8163723	8228031	7959748	8117167	1.73	cps
Holmium	165-2	1832607	1852990	1823966	1836521	0.81	cps
Indium	115-1	6714934	6826890	6636745	6726190	1.42	cps
Indium	115-2	314334	311411	307897	311214	1.04	cps
Iron	56-2	13364517	13206927	13453548	13341664	0.94	cps
Iron	57-2	330265	327580	331594	329813	0.62	cps
Lead	206-1	5195845	5129793	5129652	5151763	0.74	cps
Lead	207-1	4362831	4353440	4311223	4342498	0.63	cps
Lead	208-1	20095226	20199130	19901520	20065292	0.75	cps
Lithium	6-1	1192905	1204239	1175575	1190906	1.21	cps
Magnesium	24-2	244952	241786	243493	243411	0.65	cps
Manganese	55-2	72799	72798	72742	72780	0.05	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	2
Date & Time Acquired ::	2017-09-25 14:18:14	DataFile Name :	051SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	12273	11956	13616	12615	6.99	cps
Molybdenum	94-1	9520	9170	9637	9443	2.57	cps
Molybdenum	95-1	7919	7519	7661	7700	2.64	cps
Molybdenum	96-1	9712	8712	9229	9217	5.43	cps
Molybdenum	97-1	4676	5460	4809	4982	8.42	cps
Neodymium	150-1	30068	30055	30162	30095	0.19	cps
Neodymium	150-2	4237	4508	4237	4327	3.60	cps
Nickel	60-2	8646	8516	8713	8625	1.16	cps
Phosphorus	31-2	792	642	617	683	13.85	cps
Potassium	39-2	22152	22469	23020	22547	1.95	cps
Rhodium	103-1	6271632	6449746	6216085	6312488	1.93	cps
Rhodium	103-2	1753640	1784344	1749145	1762376	1.09	cps
Scandium	45-1	3937414	3999575	3911360	3949450	1.15	cps
Scandium	45-2	36474	36264	35849	36196	0.88	cps
Selenium	77-2	20	23	17	20	16.65	cps
Selenium	78-2	17	17	13	15	13.88	cps
Selenium	82-1	-28	-26	49	-2	-2416.01	cps
Silicon	28-1	4117924	4121133	4095402	4111486	0.34	cps
Silver	109-1	2200	2167	2142	2170	1.35	cps
Silver	107-1	6107	5979	5931	6006	1.52	cps
Sodium	23-2	15559	15084	15868	15504	2.55	cps
Strontium	86-1	43102	43487	43286	43292	0.44	cps
Strontium	88-1	362869	362347	362174	362463	0.10	cps
Sulfur	34-1	419124	414530	414869	416174	0.62	cps
Terbium	159-1	8435044	8562307	8309564	8435638	1.50	cps
Terbium	159-2	1794194	1815982	1769049	1793075	1.31	cps
Thallium	203-1	1042	1217	875	1045	16.36	cps
Thallium	205-1	2767	2725	2784	2759	1.09	cps
Tin	118-1	183409	181043	182311	182254	0.65	cps
Titanium	47-1	34059	35312	33992	34455	2.16	cps
Uranium	238-1	14092	14117	14384	14198	1.14	cps
Vanadium	51-2	15609	15522	15799	15643	0.91	cps
Yttrium	89-1	7297924	7481276	7260402	7346534	1.61	cps
Yttrium	89-2	245011	246827	244275	245371	0.54	cps
Zinc	66-2	126975	125384	125945	126101	0.64	cps
Zirconium	90-1	12874	12490	12706	12690	1.52	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	2
Date & Time Acquired ::	2017-09-25 14:18:14	DataFile Name :	051SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2609	2642	2775	2675	3.30	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DL2X20	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:21:22	DataFile Name :	052SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4293	4843	4526	4554	6.06	cps
Antimony	121-1	10713	10613	10521	10616	0.90	cps
Arsenic	75-2	148	148	178	158	10.83	cps
Barium	135-1	31171	29927	29116	30071	3.44	cps
Barium	137-1	50155	52288	49762	50735	2.68	cps
Beryllium	9-1	250	339	344	311	17.03	cps
Bismuth	209-1	5009514	5123550	4773318	4968794	3.60	cps
Bismuth	209-2	1282762	1380224	1368638	1343875	3.96	cps
Boron	11-1	5485	5760	5310	5518	4.11	cps
Boron	10-1	1333	1267	1217	1272	4.60	cps
Cadmium	106-1	1517	1625	1500	1547	4.39	cps
Cadmium	108-1	42	63	75	60	28.19	cps
Cadmium	111-1	1499	1656	1485	1547	6.14	cps
Calcium	43-1	31520	32397	30977	31631	2.27	cps
Calcium	44-1	525537	540674	514688	526966	2.48	cps
Chromium	52-2	1767	1890	1910	1856	4.18	cps
Cobalt	59-2	1090	1280	1120	1163	8.78	cps
Copper	63-2	13033	14081	14187	13767	4.63	cps
Dysprosium	156-1	1892	1875	1884	1884	0.44	cps
Dysprosium	156-2	400	427	420	416	3.34	cps
Erbium	164-1	1825	1525	1792	1714	9.59	cps
Erbium	164-2	270	307	370	316	16.03	cps
Gadolinium	160-1	1709	1942	1950	1867	7.35	cps
Gadolinium	160-2	467	533	583	528	11.09	cps
Holmium	165-1	7847395	8029215	7554523	7810378	3.07	cps
Holmium	165-2	1620429	1767884	1745712	1711342	4.65	cps
Indium	115-1	6618543	6730593	6296480	6548539	3.44	cps
Indium	115-2	280466	301853	300123	294147	4.04	cps
Iron	56-2	1148342	1216909	1227757	1197669	3.60	cps
Iron	57-2	29031	30879	31920	30610	4.78	cps
Lead	206-1	487379	493535	466508	482474	2.94	cps
Lead	207-1	401880	407628	387236	398914	2.64	cps
Lead	208-1	1884501	1913088	1806582	1868057	2.95	cps
Lithium	6-1	1143767	1200598	1122156	1155507	3.51	cps
Magnesium	24-2	20532	23036	23595	22388	7.29	cps
Manganese	55-2	6332	6622	6452	6468	2.25	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DL2X20	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:21:22	DataFile Name :	052SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1300	1142	1509	1317	13.97	cps
Molybdenum	94-1	1092	958	975	1008	7.21	cps
Molybdenum	95-1	825	792	808	808	2.06	cps
Molybdenum	96-1	1100	1033	1133	1089	4.68	cps
Molybdenum	97-1	567	492	475	511	9.55	cps
Neodymium	150-1	2867	2660	2894	2807	4.55	cps
Neodymium	150-2	367	343	383	364	5.51	cps
Nickel	60-2	827	1060	827	904	14.90	cps
Phosphorus	31-2	75	67	33	58	37.80	cps
Potassium	39-2	5193	5018	5185	5132	1.92	cps
Rhodium	103-1	6224501	6329630	5888027	6147386	3.75	cps
Rhodium	103-2	1565914	1693912	1668088	1642638	4.12	cps
Scandium	45-1	3869323	3965368	3698013	3844235	3.52	cps
Scandium	45-2	32140	35776	34797	34237	5.49	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-33	-26	-52	-37	-36.54	cps
Silicon	28-1	921959	939624	904402	921995	1.91	cps
Silver	109-1	533	658	433	542	20.81	cps
Silver	107-1	1520	1862	1205	1529	21.48	cps
Sodium	23-2	10663	10171	11163	10666	4.65	cps
Strontium	86-1	5060	4476	4793	4776	6.12	cps
Strontium	88-1	33918	35456	32791	34055	3.93	cps
Sulfur	34-1	402167	404748	402968	403295	0.33	cps
Terbium	159-1	8287877	8359166	7877898	8174980	3.18	cps
Terbium	159-2	1582341	1715675	1691297	1663104	4.27	cps
Thallium	203-1	258	267	183	236	19.44	cps
Thallium	205-1	392	458	533	461	15.37	cps
Tin	118-1	18205	17838	17412	17818	2.23	cps
Titanium	47-1	3359	3926	3659	3648	7.77	cps
Uranium	238-1	1292	1317	1283	1297	1.34	cps
Vanadium	51-2	1397	1523	1367	1429	5.82	cps
Yttrium	89-1	7033577	7089649	6613958	6912394	3.76	cps
Yttrium	89-2	210610	229561	224352	221508	4.42	cps
Zinc	66-2	11131	11962	11962	11685	4.10	cps
Zirconium	90-1	1467	1558	1717	1581	8.00	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	I5346-22DL2X20	Instrumnet Name :	P8
Client Sample ID :	MET2B0	Dilution Factor :	20
Date & Time Acquired ::	2017-09-25 14:21:22	DataFile Name :	052SMPL_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	317	350	353	10.65	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:28:23	DataFile Name :	054CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	327061	308749	311542	315784	3.12	cps
Antimony	121-1	4219898	4296395	4400475	4305589	2.11	cps
Arsenic	75-2	52912	49245	49295	50484	4.17	cps
Barium	135-1	4395643	4390821	4518543	4435002	1.63	cps
Barium	137-1	7531302	7567749	7708320	7602457	1.23	cps
Beryllium	9-1	640572	638901	658968	646147	1.72	cps
Bismuth	209-1	4976895	5058515	5218496	5084635	2.42	cps
Bismuth	209-2	1396334	1314557	1337427	1349439	3.13	cps
Boron	11-1	345755	350649	365276	353893	2.87	cps
Boron	10-1	74804	76026	80308	77046	3.75	cps
Cadmium	106-1	92466	91274	95731	93157	2.48	cps
Cadmium	108-1	62126	60016	63127	61756	2.57	cps
Cadmium	111-1	867157	871193	898630	878993	1.95	cps
Calcium	43-1	4377026	4419369	4497061	4431152	1.37	cps
Calcium	44-1	70827331	70805604	73285381	71639438	1.99	cps
Chromium	52-2	426023	404393	408054	412823	2.80	cps
Cobalt	59-2	864105	823218	830322	839215	2.60	cps
Copper	63-2	1453446	1376571	1378841	1402953	3.12	cps
Dysprosium	156-1	142	83	117	114	25.69	cps
Dysprosium	156-2	7	17	20	14	48.02	cps
Erbium	164-1	75	58	67	67	12.49	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	150	175	142	156	11.15	cps
Gadolinium	160-2	20	7	30	19	61.96	cps
Holmium	165-1	8343497	8382960	8771032	8499163	2.78	cps
Holmium	165-2	1900563	1764619	1779189	1814790	4.11	cps
Indium	115-1	6666072	6722344	7017788	6802068	2.78	cps
Indium	115-2	305905	288519	289265	294563	3.34	cps
Iron	56-2	69059115	65576635	66512846	67049532	2.69	cps
Iron	57-2	1769182	1685643	1682747	1712524	2.87	cps
Lead	206-1	2439287	2453351	2499792	2464144	1.28	cps
Lead	207-1	2248613	2255828	2318302	2274248	1.69	cps
Lead	208-1	9991067	10098432	10311208	10133569	1.61	cps
Lithium	6-1	1172406	1176259	1230037	1192901	2.70	cps
Magnesium	24-2	7844147	7476638	7510169	7610318	2.67	cps
Manganese	55-2	237849	223531	225104	228828	3.43	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:28:23	DataFile Name :	054CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2860475	2883515	2983073	2909021	2.24	cps
Molybdenum	94-1	3272781	3305530	3353305	3310539	1.22	cps
Molybdenum	95-1	1738593	1780966	1794851	1771470	1.65	cps
Molybdenum	96-1	2305201	2321074	2360115	2328797	1.21	cps
Molybdenum	97-1	1072038	1076079	1102644	1083587	1.53	cps
Neodymium	150-1	233	160	200	198	18.56	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	251255	238804	239341	243133	2.89	cps
Phosphorus	31-2	4993	4668	4518	4726	5.14	cps
Potassium	39-2	2294171	2170560	2197752	2220828	2.92	cps
Rhodium	103-1	6084246	6117798	6389495	6197180	2.70	cps
Rhodium	103-2	1681522	1592526	1615173	1629740	2.84	cps
Scandium	45-1	3962309	4080506	4236054	4092956	3.35	cps
Scandium	45-2	37193	34359	35555	35702	3.98	cps
Selenium	77-2	357	323	263	314	15.04	cps
Selenium	78-2	1241	1209	1156	1202	3.58	cps
Selenium	82-1	54449	55525	57912	55962	3.17	cps
Silicon	28-1	2134988	2167276	2234630	2178965	2.33	cps
Silver	109-1	4069632	4085750	4198246	4117876	1.70	cps
Silver	107-1	11366858	11406003	11708123	11493661	1.62	cps
Sodium	23-2	18938398	17983793	18155506	18359232	2.77	cps
Strontium	86-1	1119569	1137989	1166687	1141415	2.08	cps
Strontium	88-1	9810348	9947312	10118533	9958731	1.55	cps
Sulfur	34-1	696539	695812	708754	700368	1.04	cps
Terbium	159-1	8612910	8715790	9117659	8815453	3.03	cps
Terbium	159-2	1839792	1761820	1740032	1780548	2.95	cps
Thallium	203-1	3050256	3054849	3163246	3089451	2.07	cps
Thallium	205-1	7111702	7209032	7433646	7251460	2.28	cps
Tin	118-1	2908066	2914027	2970807	2930966	1.18	cps
Titanium	47-1	464984	469911	479145	471346	1.53	cps
Uranium	238-1	9557381	9582071	9704768	9614740	0.82	cps
Vanadium	51-2	317645	300724	303553	307308	2.95	cps
Yttrium	89-1	7098038	7259330	7615323	7324230	3.61	cps
Yttrium	89-2	239567	225009	227030	230535	3.42	cps
Zinc	66-2	133125	127112	127493	129243	2.61	cps
Zirconium	90-1	6197701	6233087	6372920	6267903	1.48	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:28:23	DataFile Name :	054CCV_P8092517-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1414033	1404437	1434572	1417681	1.09	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:31:23	DataFile Name :	055CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	8	8	100.02	cps
Antimony	121-1	2650	2675	2809	2712	3.14	cps
Arsenic	75-2	4	2	7	4	65.54	cps
Barium	135-1	42	58	50	50	16.67	cps
Barium	137-1	117	100	117	111	8.66	cps
Beryllium	9-1	522	461	483	489	6.33	cps
Bismuth	209-1	5333070	5260982	5278390	5290814	0.71	cps
Bismuth	209-2	1489539	1483058	1508081	1493560	0.87	cps
Boron	11-1	15042	14024	13490	14185	5.56	cps
Boron	10-1	3484	3042	2642	3056	13.78	cps
Cadmium	106-1	1559	1725	1650	1645	5.08	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Cadmium	111-1	1136	1243	1209	1196	4.57	cps
Calcium	43-1	1734	1884	1575	1731	8.91	cps
Calcium	44-1	32697	32564	32898	32720	0.51	cps
Chromium	52-2	660	587	597	614	6.47	cps
Cobalt	59-2	73	53	50	59	21.43	cps
Copper	63-2	307	303	300	303	1.10	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	75	92	25	64	54.31	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	8402380	8398045	8367230	8389219	0.23	cps
Holmium	165-2	1909037	1878652	1928402	1905364	1.32	cps
Indium	115-1	7015181	7087077	7002091	7034783	0.65	cps
Indium	115-2	325717	326585	329053	327118	0.53	cps
Iron	56-2	3356	3467	3523	3449	2.46	cps
Iron	57-2	83	33	94	70	46.26	cps
Lead	206-1	1356	1189	1089	1211	11.12	cps
Lead	207-1	1172	1156	1039	1122	6.47	cps
Lead	208-1	5012	4856	4756	4875	2.64	cps
Lithium	6-1	1230908	1220557	1227913	1226459	0.43	cps
Magnesium	24-2	375	408	258	347	22.68	cps
Manganese	55-2	83	110	87	93	15.57	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:31:23	DataFile Name :	055CCBE_P8092517-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	867	825	808	833	3.61	cps
Molybdenum	94-1	875	667	658	733	16.74	cps
Molybdenum	95-1	450	458	583	497	15.02	cps
Molybdenum	96-1	742	600	742	694	11.78	cps
Molybdenum	97-1	400	417	350	389	8.92	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	133	160	156	13.09	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3992	3876	4101	3990	2.82	cps
Rhodium	103-1	6612184	6604279	6610077	6608847	0.06	cps
Rhodium	103-2	1814130	1834696	1821880	1823568	0.57	cps
Scandium	45-1	4128072	4141789	4066933	4112265	0.97	cps
Scandium	45-2	37186	37453	37804	37481	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-30	-80	32	-26	-217.48	cps
Silicon	28-1	476343	472167	475364	474625	0.46	cps
Silver	109-1	450	317	508	425	23.12	cps
Silver	107-1	1243	865	1432	1180	24.46	cps
Sodium	23-2	14875	14650	14533	14686	1.18	cps
Strontium	86-1	900	1008	783	897	12.54	cps
Strontium	88-1	192	225	158	192	17.39	cps
Sulfur	34-1	421031	421317	419648	420666	0.21	cps
Terbium	159-1	8773392	8825415	8814994	8804600	0.31	cps
Terbium	159-2	1871248	1846352	1861684	1859761	0.68	cps
Thallium	203-1	783	742	583	703	15.01	cps
Thallium	205-1	1517	1525	1567	1536	1.74	cps
Tin	118-1	1592	1650	1558	1600	2.90	cps
Titanium	47-1	100	192	142	144	31.78	cps
Uranium	238-1	133	150	175	153	13.73	cps
Vanadium	51-2	10	17	13	13	25.01	cps
Yttrium	89-1	7399435	7390210	7328296	7372647	0.52	cps
Yttrium	89-2	245533	242600	247729	245287	1.05	cps
Zinc	66-2	63	67	43	58	21.85	cps
Zirconium	90-1	1075	883	992	983	9.77	cps

LB Number :	LB90299	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-09-25 14:31:23	DataFile Name :	055CCBE_P8092517-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	183	183	175	8.25	cps