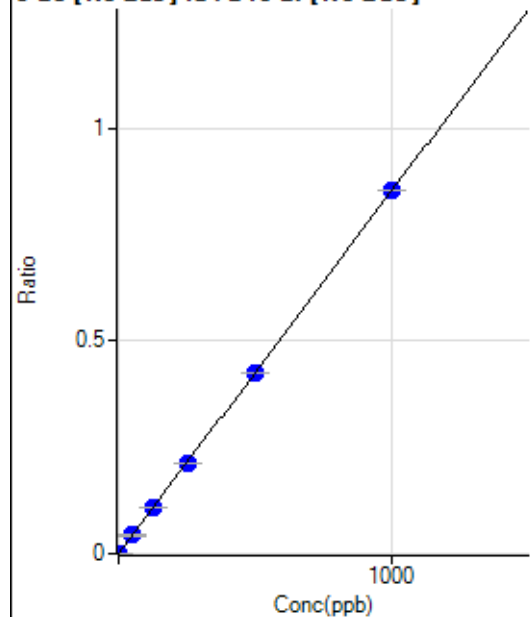


Batch Folder: D:\ICP-MS Data\P7071217 -MS .b\
Analysis File: P7071217 -MS .batch.bin
DA Date-Time: 2017-07-12 18:28:35
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7071217 -MS.D	S00	2017-07-12 12:46:40
2			
3	005CALS P7071217 -MS.D	S02	2017-07-12 12:54:33
4	006CALS P7071217 -MS.D	S03	2017-07-12 12:58:20
5	007CALS P7071217 -MS.D	S04	2017-07-12 13:02:23
6	008CALS P7071217 -MS.D	S05	2017-07-12 13:06:06
7	009CALS P7071217 -MS.D	S06	2017-07-12 13:09:46
8	010CALS P7071217 -MS.D	S07	2017-07-12 13:13:22
9	011CALS P7071217 -MS.D	S08	2017-07-12 13:16:52

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.86	0.0001	P	20.7
2	☐	0.100					
3	☐	1.000	0.862	1551.97	0.0008	P	5.6
4	☐	50.000	50.789	84711.65	0.0433	P	3.1
5	☐	125.000	126.796	210045.19	0.1081	P	0.5
6	☐	250.000	249.073	411563.56	0.2122	P	0.7
7	☐	500.000	498.766	809106.72	0.4249	P	0.1
8	☐	1000.000	1000.585	1579849.21	0.8524	P	0.1
9	☐			1251.94	0.0007	P	10.5

$$y = 8.5181\text{E-}004 * x + 5.1862\text{E-}005$$

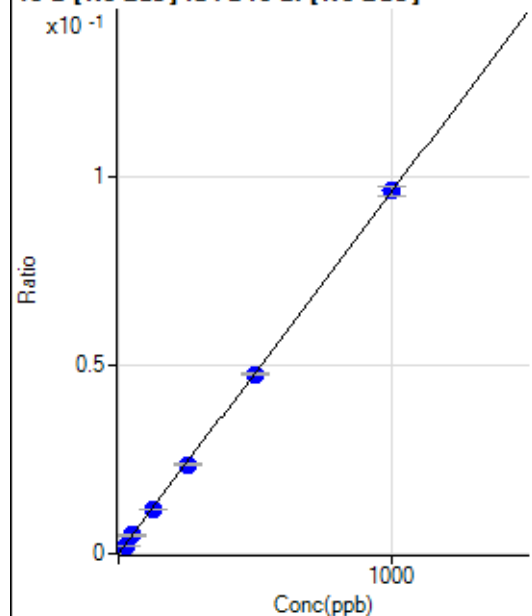
$$R = 1.0000$$

$$DL = 0.03786$$

$$BEC = 0.06088$$

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	125.00	0.0001	P	23.1
2	☐	2.500					
3	☐	25.000	21.309	4167.41	0.0021	P	5.3
4	☐	50.000	50.247	9570.06	0.0049	P	2.8
5	☐	125.000	122.521	23012.81	0.0118	P	2.6
6	☐	250.000	244.991	45786.87	0.0236	P	2.7
7	☐	500.000	496.734	91029.17	0.0478	P	1.4
8	☐	1000.000	1003.275	178839.91	0.0965	P	2.4
9	☐			10901.52	0.0064	P	5.4

$$y = 9.6110\text{E-}005 * x + 6.3645\text{E-}005$$

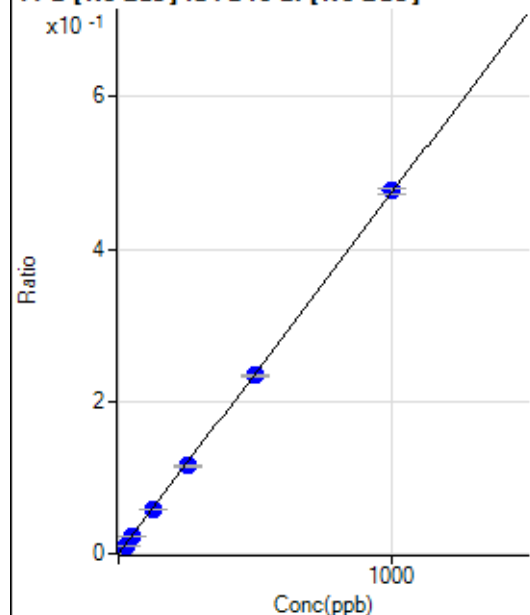
$$R = 1.0000$$

$$DL = 0.4596$$

$$BEC = 0.6622$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	627.81	0.0003	P	4.9
2	☐	2.500					
3	☐	25.000	20.455	19735.74	0.0100	P	3.4
4	☐	50.000	48.789	45792.57	0.0234	P	1.8
5	☐	125.000	120.575	111539.94	0.0574	P	1.0
6	☐	250.000	242.967	223615.81	0.1153	P	0.9
7	☐	500.000	493.398	445221.41	0.2338	P	1.9
8	☐	1000.000	1005.786	882826.50	0.4763	P	1.4
9	☐			51815.32	0.0305	P	8.7

$$y = 4.7325\text{E-}004 * x + 3.1961\text{E-}004$$

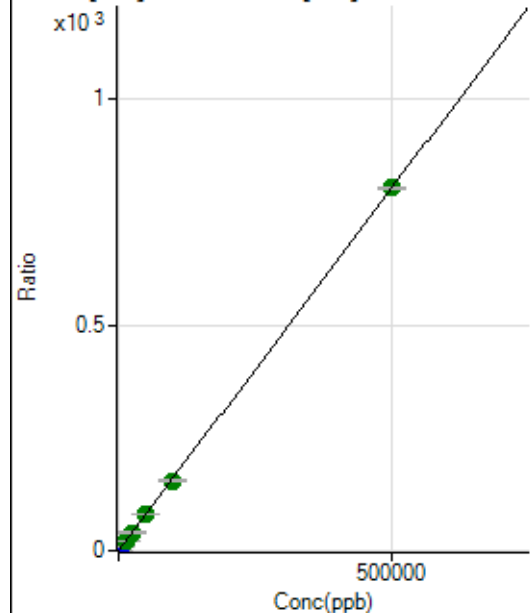
$$R = 0.9999$$

$$DL = 0.09942$$

$$BEC = 0.6754$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12299.94	0.0548	P	3.9
2	☐	50.000					
3	☐	500.000	466.383	179953.42	0.8029	P	1.6
4	☐	5000.000	5040.795	1869128.28	8.1402	P	1.3
5	☐	12500.000	12414.995	4416719.98	19.9683	A	2.5
6	☐	25000.000	25172.719	9005288.31	40.4315	A	1.3
7	☐	50000.000	49331.687	17844980.96	79.1821	A	0.7
8	☐	100000.00	96465.094	35630664.34	154.7833	A	1.2
9	☐	500000.00	500766.92	184218840.2	803.2767	A	0.9

$$y = 0.0016 * x + 0.0548$$

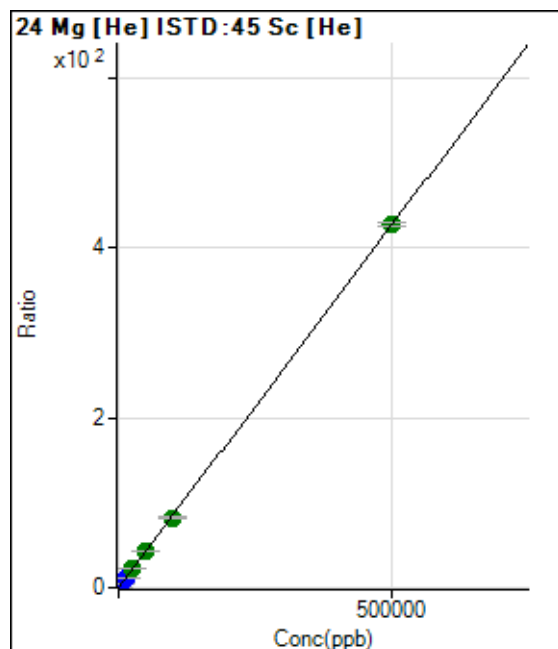
$$R = 1.0000$$

$$DL = 4.051$$

$$BEC = 34.19$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3328.29	0.0148	P	3.2
2	☐	50.000					
3	☐	500.000	452.560	89777.23	0.4005	P	1.0
4	☐	5000.000	5070.430	995624.38	4.3363	P	1.7
5	☐	12500.000	12700.932	2397714.66	10.8396	P	2.4
6	☐	25000.000	25501.934	4844365.39	21.7496	A	1.0
7	☐	50000.000	50021.884	9611396.39	42.6474	A	0.1
8	☐	100000.00	96504.772	18936938.79	82.2637	A	1.2
9	☐	500000.00	500666.08	97861364.69	426.7215	A	0.9

$$y = 8.5228\text{E-}004 * x + 0.0148$$

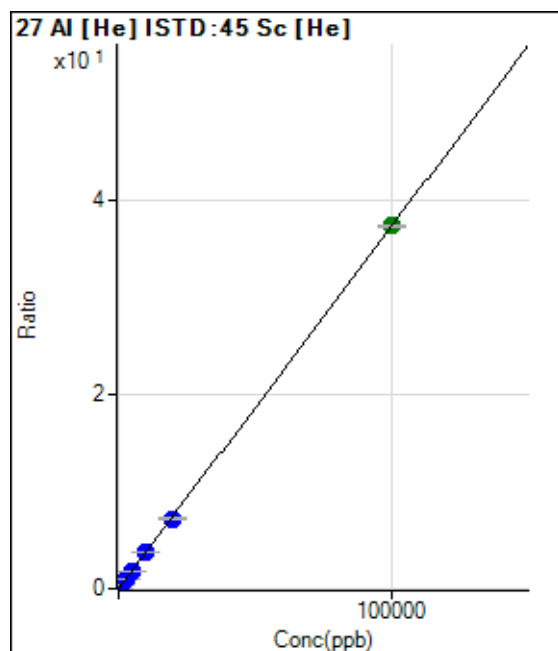
$$R = 1.0000$$

$$DL = 1.661$$

$$BEC = 17.41$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0002	P	98.1
2	☐	2.000					
3	☐	20.000	17.606	1516.82	0.0068	P	2.3
4	☐	1000.000	995.923	85178.79	0.3710	P	2.3
5	☐	2500.000	2473.975	203773.48	0.9213	P	2.4
6	☐	5000.000	4980.275	413040.11	1.8544	P	0.8
7	☐	10000.000	9846.522	826235.83	3.6661	P	0.3
8	☐	20000.000	19282.042	1652609.73	7.1790	P	1.2
9	☐	100000.00	100160.61	8552055.83	37.2905	A	0.8

$$y = 3.7231\text{E-}004 * x + 2.1166\text{E-}004$$

$$R = 1.0000$$

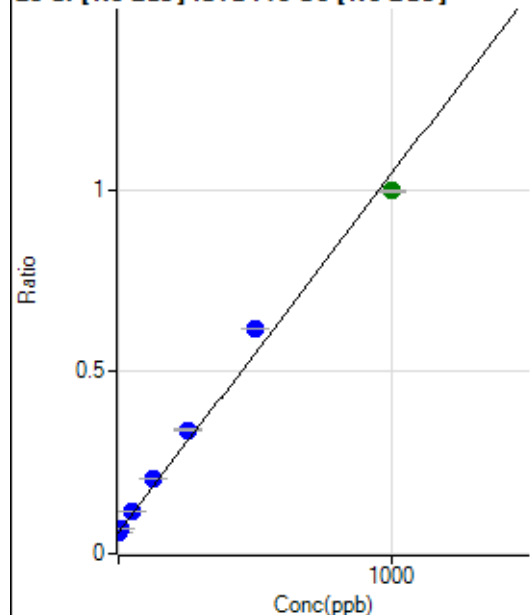
$$DL = 1.674$$

$$BEC = 0.5685$$

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	307123.14	0.0587	P	0.8
2	☐	1.000					
3	☐	10.000	9.718	355322.27	0.0683	P	2.8
4	☐	50.000	57.854	604534.79	0.1157	P	3.4
5	☐	125.000	148.143	1051561.99	0.2045	P	1.0
6	☐	250.000	285.888	1776074.76	0.3401	P	1.3
7	☐	500.000	570.427	3223008.49	0.6201	P	0.0
8	☐	1000.000	952.532	5211350.81	0.9961	A	0.7
9	☐			556941.35	0.1081	P	0.7

$$y = 9.8412E-004 * x + 0.0587$$

$$R = 0.9952$$

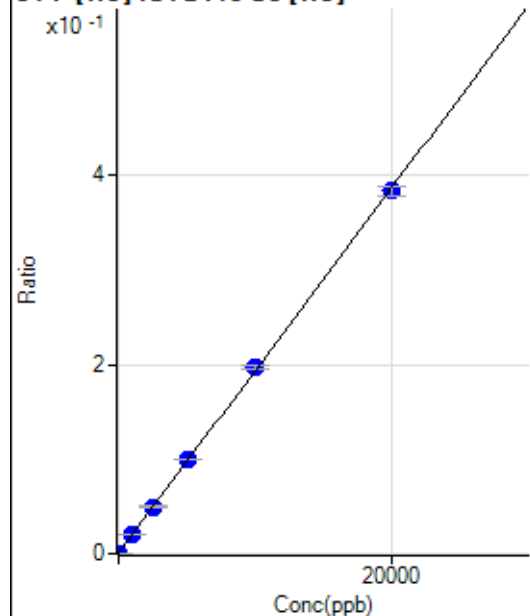
$$DL = 1.46$$

$$BEC = 59.69$$

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	-0.410	150.01	0.0007	P	29.4
2	☐	0.000					
3	☐	0.000	0.410	152.79	0.0007	P	28.2
4	☐	1000.000	995.797	4567.56	0.0199	P	3.5
5	☐	2500.000	2534.382	10965.59	0.0496	P	2.0
6	☐	5000.000	5138.207	22231.25	0.0998	P	1.1
7	☐	10000.000	10214.592	44567.68	0.1978	P	2.2
8	☐	20000.000	19854.065	88325.39	0.3837	P	2.9
9	☐			180.56	0.0008	P	10.7

$$y = 1.9294E-005 * x + 6.7470E-004$$

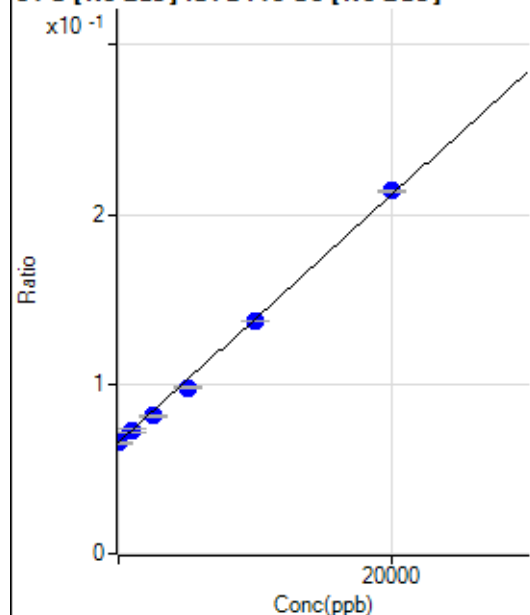
$$R = 0.9999$$

$$DL = 30.2$$

$$BEC = 34.97$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	43.759	345384.78	0.0661	P	0.2
2	☐	0.000					
3	☐	0.000	-43.759	340367.42	0.0654	P	2.0
4	☐	1000.000	927.892	378956.17	0.0725	P	3.4
5	☐	2500.000	2157.504	418950.08	0.0815	P	1.2
6	☐	5000.000	4391.320	510712.11	0.0978	P	0.8
7	☐	10000.000	9774.612	712454.18	0.1371	P	0.5
8	☐	20000.000	20311.281	1119425.12	0.2140	P	0.3
9	☐			312113.99	0.0606	P	2.3

$$y = 7.2981\text{E-}006 * x + 0.0657$$

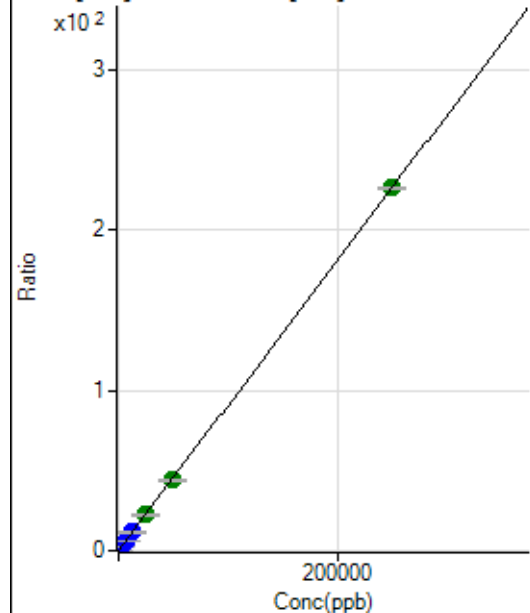
$$R = 0.9993$$

$$DL = 304.3$$

$$BEC = 9008$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32467.14	0.1448	P	2.4
2	☐	50.000					
3	☐	500.000	445.706	122726.76	0.5476	P	1.1
4	☐	2500.000	2453.049	542261.48	2.3617	P	1.6
5	☐	6250.000	6144.508	1260408.72	5.6978	P	2.2
6	☐	12500.000	12490.226	2546436.65	11.4327	P	1.1
7	☐	25000.000	24412.202	5004768.12	22.2072	A	0.5
8	☐	50000.000	48389.340	10100439.46	43.8764	A	1.0
9	☐	250000.00	250384.61	51930021.30	226.4289	A	0.5

$$y = 9.0375\text{E-}004 * x + 0.1448$$

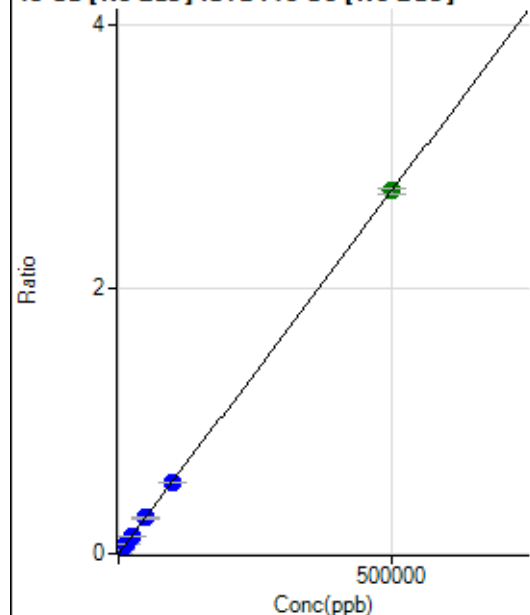
$$R = 1.0000$$

$$DL = 11.56$$

$$BEC = 160.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0000	P	19.2
2	☐	50.000					
3	☐	500.000	440.216	12711.53	0.0024	P	5.2
4	☐	5000.000	4979.964	142657.43	0.0273	P	3.6
5	☐	12500.000	12546.089	353324.64	0.0687	P	1.0
6	☐	25000.000	24522.873	701338.39	0.1343	P	1.0
7	☐	50000.000	49100.403	1397342.89	0.2688	P	0.5
8	☐	100000.00	98203.242	2812882.83	0.5377	P	0.5
9	☐	500000.00	500472.27	14115013.68	2.7400	A	1.8

$$y = 5.4748\text{E-}006 * x + 3.4015\text{E-}005$$

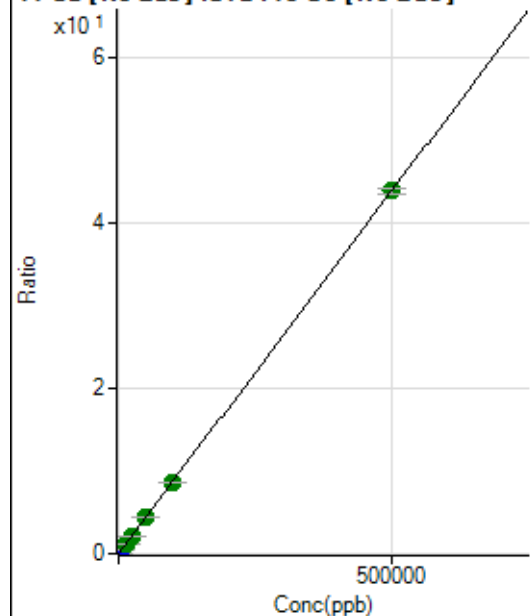
$$R = 1.0000$$

$$DL = 3.575$$

$$BEC = 6.213$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6034.93	0.0012	P	2.6
2	☐	50.000					
3	☐	500.000	436.121	205053.24	0.0394	P	3.2
4	☐	5000.000	5031.688	2313174.73	0.4427	P	3.8
5	☐	12500.000	12527.366	5657495.48	1.1004	A	0.5
6	☐	25000.000	24561.435	11260307.28	2.1563	A	1.9
7	☐	50000.000	49180.363	22434684.70	4.3164	A	0.3
8	☐	100000.00	97782.799	44892177.74	8.5810	A	0.3
9	☐	500000.00	500546.39	226251599.5	43.9212	A	1.7

$$y = 8.7744\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

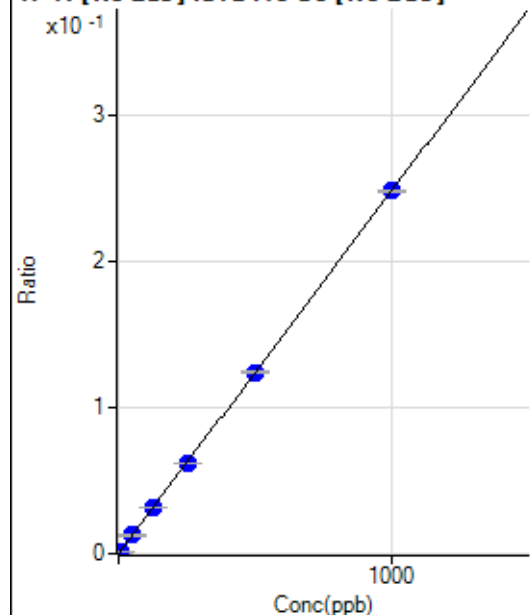
$$DL = 1.04$$

$$BEC = 13.15$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0000	P	7.2
2	☐	0.500					
3	☐	5.000	4.585	6043.15	0.0012	P	5.0
4	☐	50.000	50.674	65972.93	0.0126	P	2.4
5	☐	125.000	126.826	162224.93	0.0316	P	1.1
6	☐	250.000	248.143	322303.19	0.0617	P	1.0
7	☐	500.000	499.866	646021.69	0.1243	P	0.5
8	☐	1000.000	1000.271	1301094.40	0.2487	P	0.6
9	☐			2699.73	0.0005	P	19.8

$$y = 2.4861\text{E-}004 * x + 2.2317\text{E-}005$$

$$R = 1.0000$$

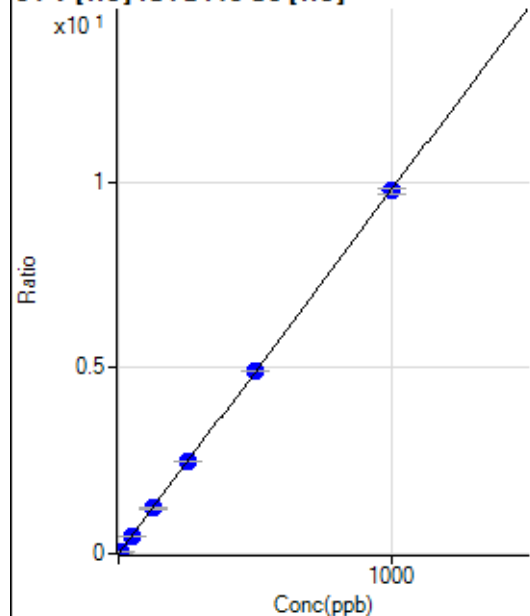
$$DL = 0.01952$$

$$BEC = 0.08976$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0000	P	67.4
2	☐	0.500					
3	☐	5.000	4.524	9932.38	0.0443	P	0.8
4	☐	50.000	49.725	111738.04	0.4866	P	1.4
5	☐	125.000	124.613	269750.59	1.2195	P	2.3
6	☐	250.000	253.120	551711.54	2.4770	P	1.0
7	☐	500.000	504.136	1111830.60	4.9334	P	0.2
8	☐	1000.000	997.216	2246343.28	9.7585	P	1.4
9	☐			1660.12	0.0072	P	6.4

$$y = 0.0098 * x + 4.4631\text{E-}005$$

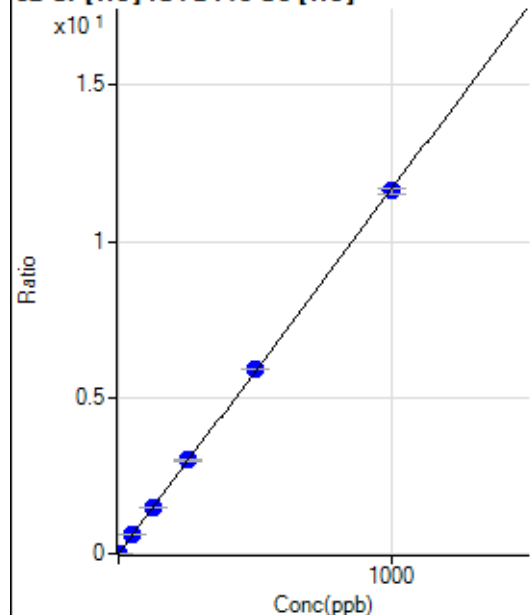
$$R = 1.0000$$

$$DL = 0.009228$$

$$BEC = 0.004561$$

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	464.46	0.0021	P	4.8
2	☐	0.200					
3	☐	2.000	1.979	5643.40	0.0252	P	2.6
4	☐	50.000	50.659	136262.48	0.5935	P	2.0
5	☐	125.000	126.500	327103.97	1.4789	P	2.7
6	☐	250.000	256.175	666581.96	2.9927	P	1.0
7	☐	500.000	505.775	1331182.51	5.9066	P	0.2
8	☐	1000.000	995.348	2675334.70	11.6221	P	1.4
9	☐			67832.13	0.2958	P	1.8

$$y = 0.0117 * x + 0.0021$$

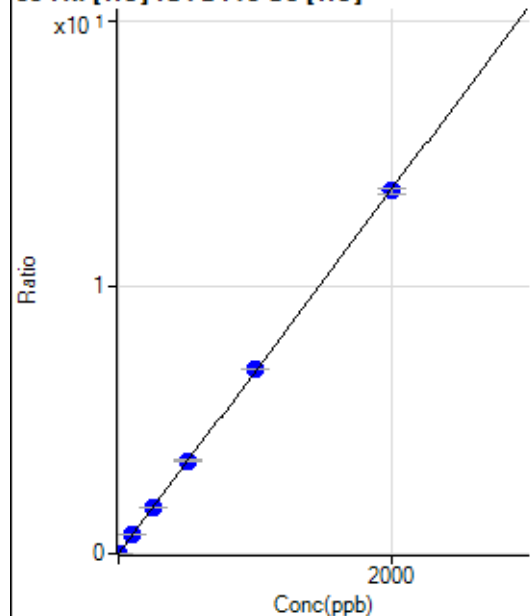
$$R = 1.0000$$

$$DL = 0.02579$$

$$BEC = 0.1774$$

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	667.80	0.0030	P	7.1
2	☐	0.100					
3	☐	1.000	0.888	2025.73	0.0090	P	2.6
4	☐	100.000	101.187	159300.05	0.6938	P	2.4
5	☐	250.000	251.796	380950.12	1.7222	P	2.5
6	☐	500.000	511.011	777775.39	3.4920	P	1.1
7	☐	1000.000	1009.811	1554516.73	6.8976	P	0.2
8	☐	2000.000	1992.058	3131536.65	13.6041	P	1.7
9	☐			14298.26	0.0623	P	0.7

$$y = 0.0068 * x + 0.0030$$

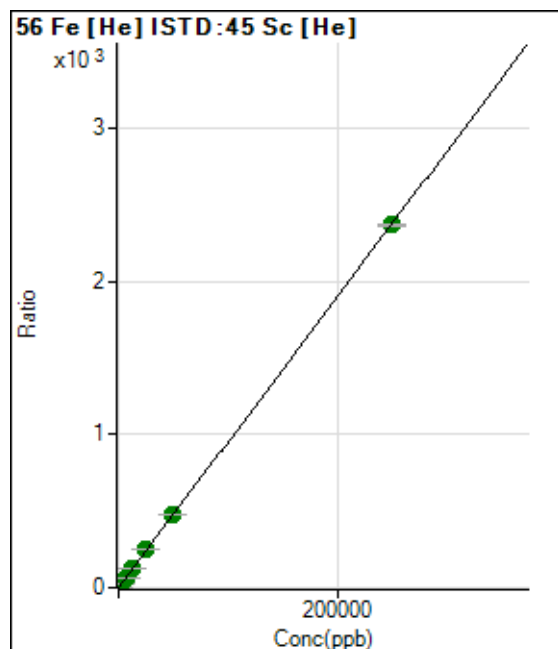
$$R = 1.0000$$

$$DL = 0.09312$$

$$BEC = 0.4358$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5080.64	0.0226	P	0.4
2	☐	5.000					
3	☐	50.000	47.661	106416.21	0.4748	P	1.8
4	☐	2500.000	2606.992	5683872.93	24.7554	A	1.8
5	☐	6250.000	6490.627	13624467.20	61.5998	A	2.8
6	☐	12500.000	13163.986	27822581.41	124.9105	A	0.2
7	☐	25000.000	25964.250	55519346.15	246.3477	A	0.1
8	☐	50000.000	50566.144	110435911.7	479.7479	A	1.3
9	☐	250000.00	249750.06	543433456.5	2,369.422	A	0.4

$$y = 0.0095 * x + 0.0226$$

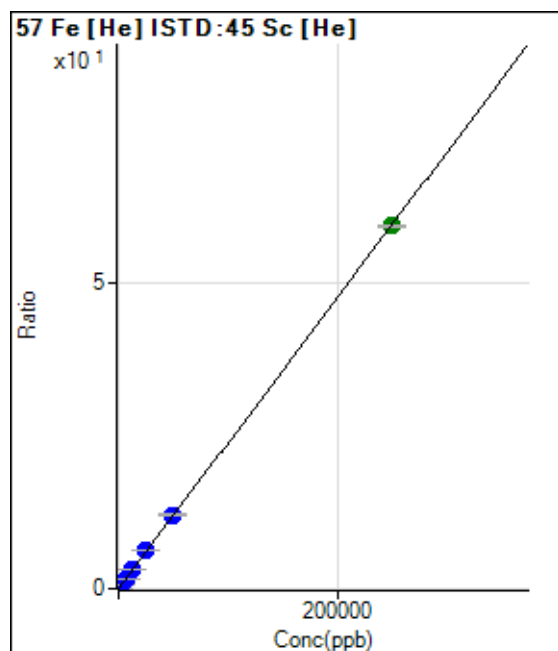
$$R = 1.0000$$

$$DL = 0.03098$$

$$BEC = 2.387$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	248.16	0.0011	P	13.8
2	☐	5.000					
3	☐	50.000	46.597	2722.56	0.0122	P	6.7
4	☐	2500.000	2583.965	140873.21	0.6136	P	1.8
5	☐	6250.000	6461.418	338990.89	1.5326	P	2.3
6	☐	12500.000	13163.807	695201.79	3.1212	P	0.6
7	☐	25000.000	25970.180	1387480.54	6.1565	P	0.4
8	☐	50000.000	50737.494	2768527.41	12.0268	P	1.5
9	☐	250000.00	249716.16	13574599.15	59.1885	A	0.5

$$y = 2.3702E-004 * x + 0.0011$$

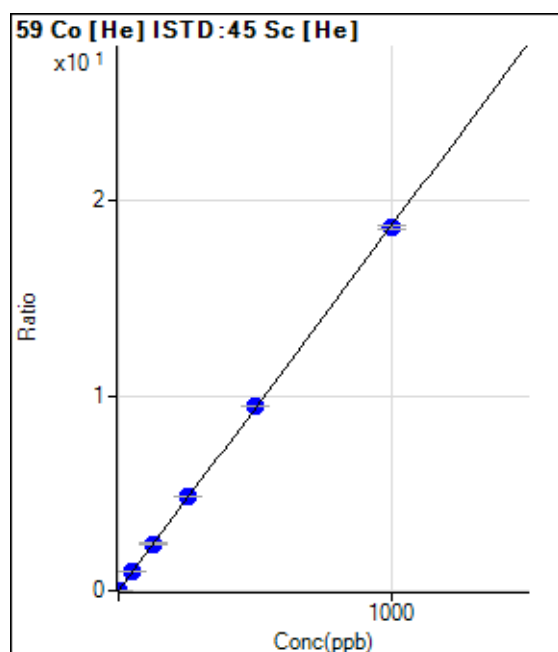
$$R = 1.0000$$

$$DL = 1.937$$

$$BEC = 4.668$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	201.12	0.0009	P	9.1
2	☐	0.100					
3	☐	1.000	0.924	4081.74	0.0182	P	2.5
4	☐	50.000	51.322	220903.17	0.9620	P	1.1
5	☐	125.000	127.403	527882.46	2.3869	P	3.0
6	☐	250.000	258.673	1079202.70	4.8453	P	0.9
7	☐	500.000	506.866	2139505.17	9.4934	P	0.2
8	☐	1000.000	994.032	4285591.64	18.6169	P	1.2
9	☐			7617.66	0.0332	P	1.6

$$y = 0.0187 * x + 8.9653E-004$$

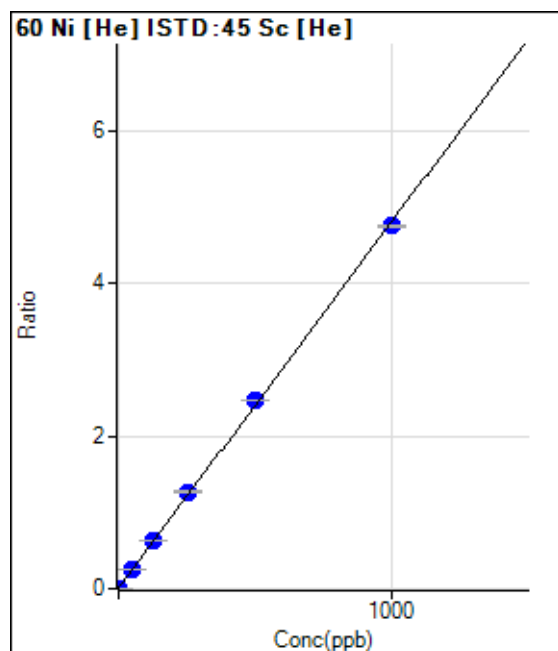
$$R = 0.9999$$

$$DL = 0.01313$$

$$BEC = 0.04787$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1181.18	0.0053	P	2.0
2	☐	0.100					
3	☐	1.000	0.904	2152.42	0.0096	P	3.4
4	☐	50.000	52.289	58835.27	0.2562	P	0.7
5	☐	125.000	129.891	139041.51	0.6287	P	2.8
6	☐	250.000	263.246	282580.84	1.2687	P	1.0
7	☐	500.000	512.899	555959.85	2.4669	P	0.1
8	☐	1000.000	989.513	1094480.71	4.7544	P	0.8
9	☐			17980.14	0.0784	P	0.6

$$y = 0.0048 * x + 0.0053$$

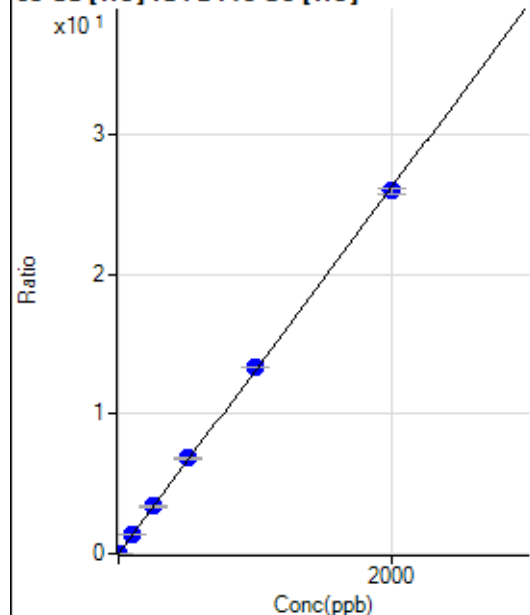
$$R = 0.9998$$

$$DL = 0.0671$$

$$BEC = 1.097$$

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	697.81	0.0031	P	8.0
2	☐	0.200					
3	☐	2.000	2.236	7276.36	0.0325	P	1.3
4	☐	100.000	104.246	314927.33	1.3716	P	1.5
5	☐	250.000	260.172	756127.93	3.4185	P	2.5
6	☐	500.000	520.285	1521923.31	6.8331	P	1.3
7	☐	1000.000	1022.713	3026396.73	13.4286	P	0.1
8	☐	2000.000	1982.088	5990377.83	26.0226	P	1.3
9	☐			13177.22	0.0574	P	1.8

$$y = 0.0131 * x + 0.0031$$

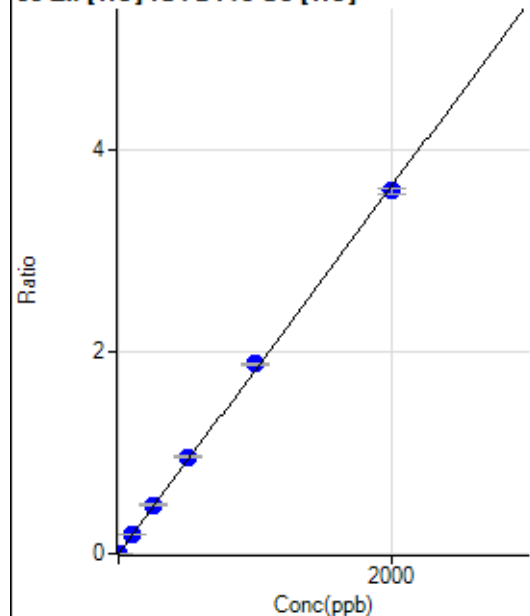
$$R = 0.9998$$

$$DL = 0.0568$$

$$BEC = 0.237$$

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	161.12	0.0007	P	8.1
2	☐	0.200					
3	☐	2.000	2.707	1264.52	0.0056	P	4.4
4	☐	100.000	105.310	44143.36	0.1923	P	1.7
5	☐	250.000	262.976	105935.39	0.4790	P	3.7
6	☐	500.000	527.104	213696.73	0.9594	P	0.9
7	☐	1000.000	1031.444	422957.75	1.8767	P	0.2
8	☐	2000.000	1975.614	827321.32	3.5940	P	1.5
9	☐			5508.92	0.0240	P	2.3

$$y = 0.0018 * x + 7.1810E-004$$

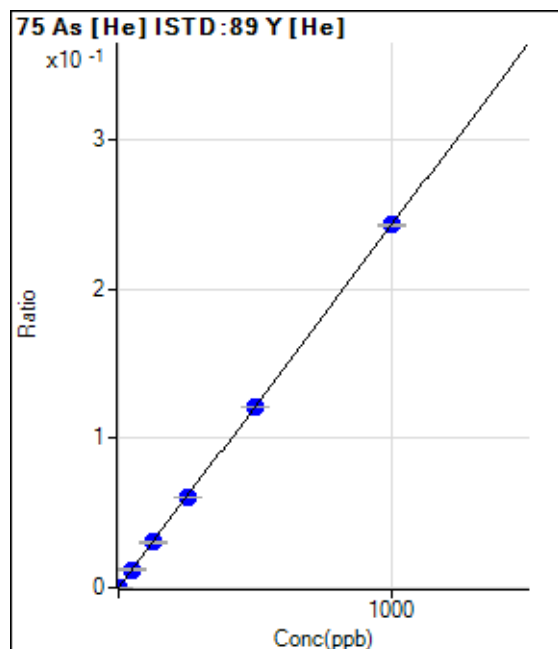
$$R = 0.9997$$

$$DL = 0.09599$$

$$BEC = 0.3948$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.96	0.0000	P	24.5
2	☐	0.100					
3	☐	1.000	0.884	290.13	0.0002	P	4.9
4	☐	50.000	50.287	15964.40	0.0122	P	1.7
5	☐	125.000	125.636	38407.99	0.0305	P	2.2
6	☐	250.000	250.987	78770.18	0.0610	P	0.2
7	☐	500.000	498.671	157563.46	0.1211	P	0.4
8	☐	1000.000	1000.324	315471.22	0.2430	P	0.8
9	☐			262.97	0.0002	P	12.7

$$y = 2.4289\text{E-}004 * x + 1.0026\text{E-}005$$

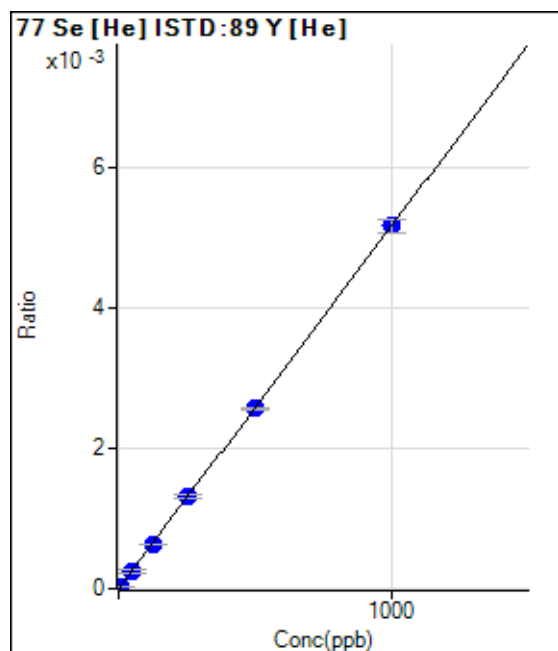
$$R = 1.0000$$

$$DL = 0.03038$$

$$BEC = 0.04128$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.499	30.00	0.0000	P	29.7
4	☐	50.000	48.272	325.57	0.0002	P	15.2
5	☐	125.000	123.365	802.26	0.0006	P	0.6
6	☐	250.000	253.864	1694.57	0.0013	P	4.9
7	☐	500.000	498.005	3347.11	0.0026	P	0.9
8	☐	1000.000	1000.325	6710.55	0.0052	P	3.4
9	☐			7.78	0.0000	P	89.5

$$y = 5.1670\text{E-}006 * x + 0.0000\text{E+}000$$

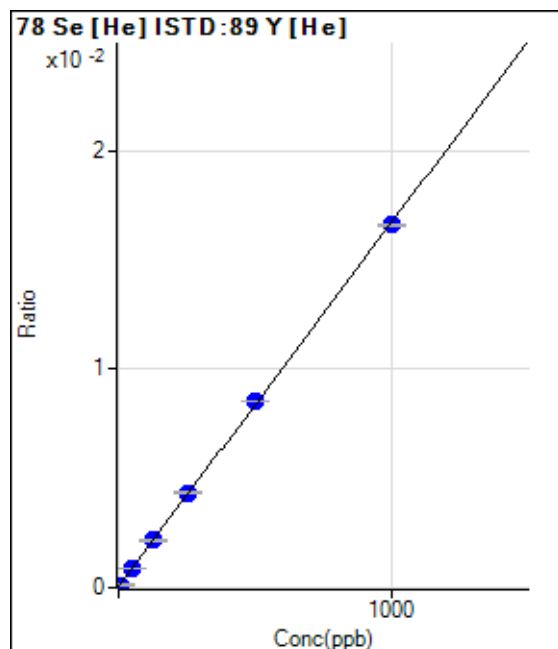
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.20	0.0000	P	6.5
2	☐	0.500					
3	☐	5.000	4.909	169.75	0.0001	P	13.9
4	☐	50.000	49.850	1148.82	0.0009	P	4.7
5	☐	125.000	126.793	2718.80	0.0022	P	1.6
6	☐	250.000	257.237	5596.80	0.0043	P	2.1
7	☐	500.000	508.561	11077.76	0.0085	P	0.5
8	☐	1000.000	993.694	21543.84	0.0166	P	0.4
9	☐			106.18	0.0001	P	17.3

$$y = 1.6648\text{E-}005 * x + 4.9681\text{E-}005$$

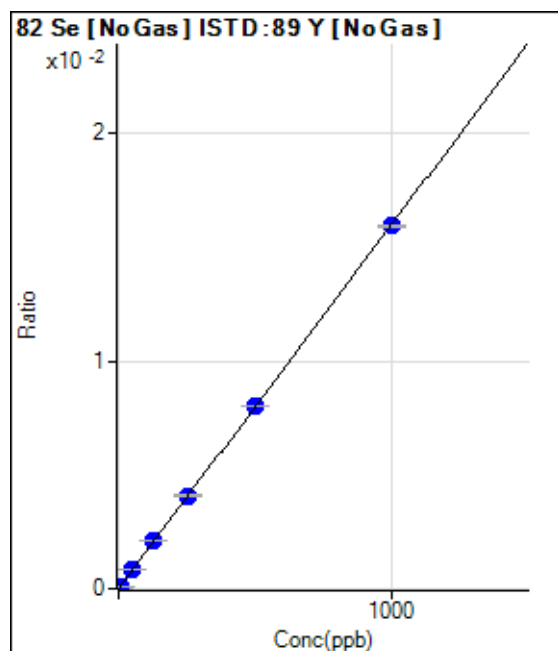
$$R = 0.9999$$

$$DL = 0.5805$$

$$BEC = 2.984$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0000	P	178.
2	☐	0.500					
3	☐	5.000	4.121	606.22	0.0001	P	19.0
4	☐	50.000	51.751	7170.10	0.0008	P	3.9
5	☐	125.000	130.375	17767.27	0.0021	P	0.5
6	☐	250.000	255.236	35428.20	0.0041	P	1.4
7	☐	500.000	502.403	69480.01	0.0080	P	0.7
8	☐	1000.000	996.734	136374.24	0.0159	P	0.7
9	☐			226.30	0.0000	P	36.3

$$y = 1.5984\text{E-}005 * x + 3.6017\text{E-}006$$

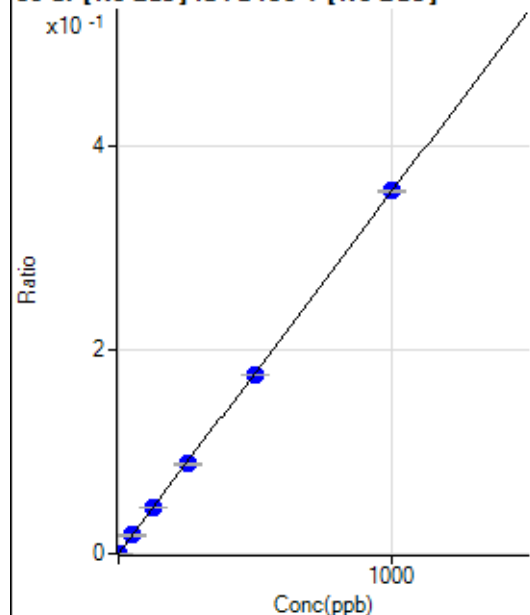
$$R = 1.0000$$

$$DL = 1.21$$

$$BEC = 0.2253$$

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	1625.17	0.0002	P	7.3
2	☐	0.100					
3	☐	1.000	0.851	4264.71	0.0005	P	8.5
4	☐	50.000	50.231	155570.97	0.0180	P	4.8
5	☐	125.000	125.791	381890.87	0.0449	P	0.3
6	☐	250.000	247.336	763916.22	0.0880	P	0.7
7	☐	500.000	494.868	1521825.77	0.1760	P	0.2
8	☐	1000.000	1003.122	3050995.60	0.3565	P	0.4
9	☐			101037.43	0.0123	P	2.2

$$y = 3.5520\text{E-}004 * x + 1.8706\text{E-}004$$

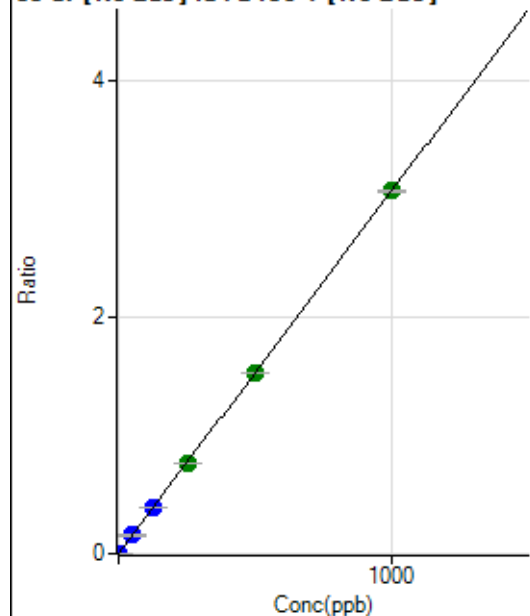
$$R = 1.0000$$

$$DL = 0.1152$$

$$BEC = 0.5266$$

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	155.56	0.0000	P	22.5
2	☐	0.100					
3	☐	1.000	0.942	25278.76	0.0029	P	3.4
4	☐	50.000	50.820	1343084.71	0.1556	P	3.4
5	☐	125.000	129.273	3368714.87	0.3958	P	0.7
6	☐	250.000	248.836	6610237.87	0.7618	A	1.1
7	☐	500.000	498.418	13196994.48	1.5259	A	0.3
8	☐	1000.000	1000.507	26214168.12	3.0631	A	0.9
9	☐			869226.99	0.1061	P	2.2

$$y = 0.0031 * x + 1.7910\text{E-}005$$

$$R = 1.0000$$

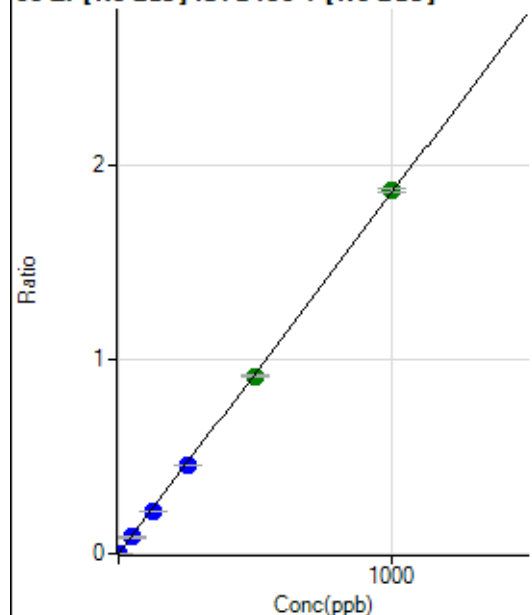
$$DL = 0.003941$$

$$BEC = 0.00585$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	552.81	0.0001	P	17.7
2	☐	0.100					
3	☐	1.000	0.831	13990.62	0.0016	P	4.2
4	☐	50.000	45.337	726729.03	0.0842	P	3.4
5	☐	125.000	119.198	1883233.87	0.2213	P	0.1
6	☐	250.000	243.778	3925785.63	0.4524	P	0.6
7	☐	500.000	492.361	7902207.99	0.9137	A	0.6
8	☐	1000.000	1006.333	15982125.18	1.8675	A	0.9
9	☐			5748.66	0.0007	P	5.4

$$y = 0.0019 * x + 6.3647E-005$$

$$R = 0.9999$$

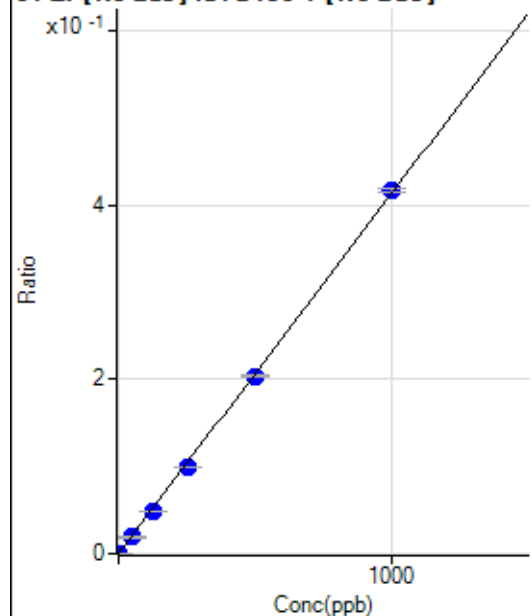
$$DL = 0.01822$$

$$BEC = 0.0343$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	18.6
2	☐	0.100					
3	☐	1.000	0.830	3122.69	0.0004	P	5.0
4	☐	50.000	45.542	162493.22	0.0188	P	3.8
5	☐	125.000	118.814	417853.39	0.0491	P	0.2
6	☐	250.000	240.083	860588.41	0.0992	P	1.1
7	☐	500.000	492.459	1759297.43	0.2034	P	1.3
8	☐	1000.000	1007.246	3560724.30	0.4161	P	1.1
9	☐			1230.67	0.0002	P	8.5

$$y = 4.1307E-004 * x + 1.5344E-005$$

$$R = 0.9999$$

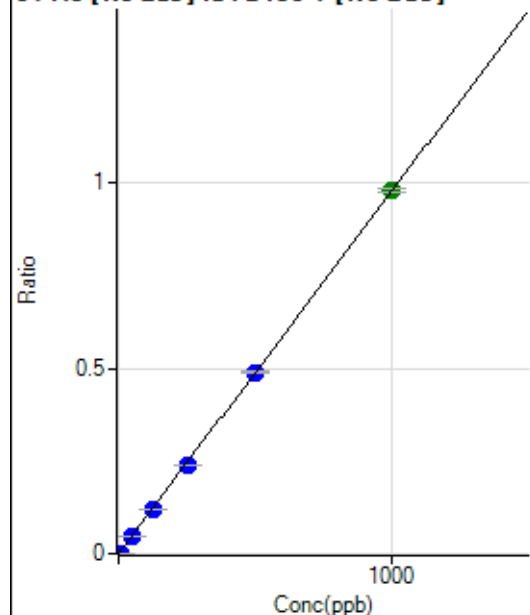
$$DL = 0.02068$$

$$BEC = 0.03715$$

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	236.12	0.0000	P	5.0
2	☐	0.500					
3	☐	5.000	1.911	16521.28	0.0019	P	2.4
4	☐	50.000	47.087	397469.24	0.0461	P	4.3
5	☐	125.000	121.679	1012698.93	0.1190	P	0.6
6	☐	250.000	243.301	2064068.92	0.2379	P	0.3
7	☐	500.000	500.796	4234188.46	0.4896	P	0.6
8	☐	1000.000	1001.853	8381928.83	0.9794	A	0.9
9	☐			14224.33	0.0017	P	1.2

$$y = 9.7759\text{E-}004 * x + 2.7176\text{E-}005$$

$$R = 1.0000$$

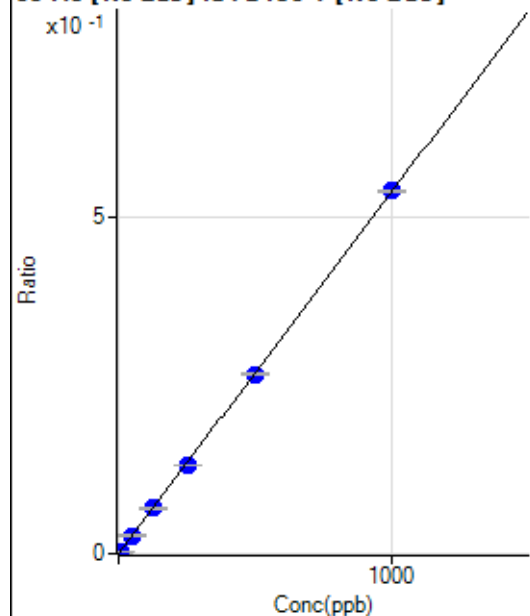
$$DL = 0.004205$$

$$BEC = 0.0278$$

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	102.78	0.0000	P	33.7
2	☐	0.500					
3	☐	5.000	4.371	20612.91	0.0024	P	2.6
4	☐	50.000	49.879	231823.65	0.0269	P	4.0
5	☐	125.000	125.203	573722.99	0.0674	P	0.4
6	☐	250.000	244.440	1141767.44	0.1316	P	0.8
7	☐	500.000	495.956	2308836.08	0.2670	P	1.1
8	☐	1000.000	1003.396	4622420.11	0.5401	P	0.7
9	☐			20824.30	0.0025	P	2.7

$$y = 5.3828\text{E-}004 * x + 1.1828\text{E-}005$$

$$R = 1.0000$$

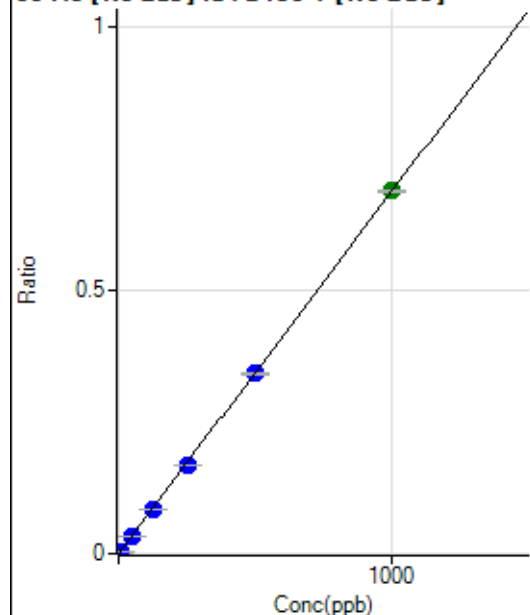
$$DL = 0.02222$$

$$BEC = 0.02197$$

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	141.67	0.0000	P	36.3
2	☐	0.500					
3	☐	5.000	3.756	22646.59	0.0026	P	4.0
4	☐	50.000	48.389	287285.79	0.0333	P	3.7
5	☐	125.000	124.037	725993.50	0.0853	P	0.5
6	☐	250.000	244.849	1460797.66	0.1684	P	1.1
7	☐	500.000	497.352	2957384.92	0.3420	P	0.9
8	☐	1000.000	1002.819	5900892.15	0.6895	A	0.6
9	☐			29061.04	0.0035	P	2.0

$$y = 6.8755E-004 * x + 1.6324E-005$$

$$R = 1.0000$$

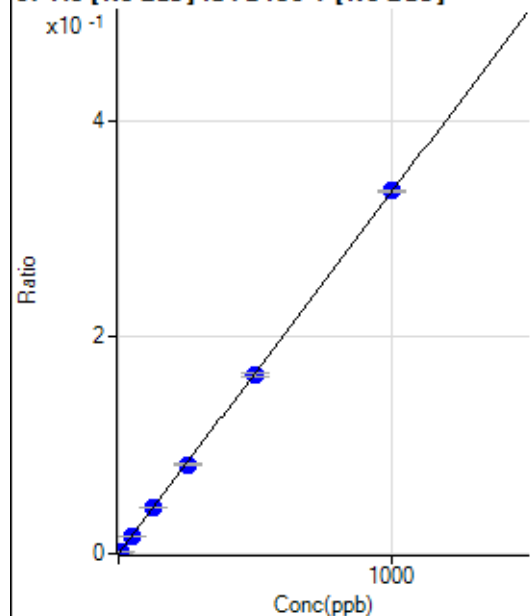
$$DL = 0.02583$$

$$BEC = 0.02374$$

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	80.56	0.0000	P	31.2
2	☐	0.500					
3	☐	5.000	4.343	12720.08	0.0015	P	1.5
4	☐	50.000	49.539	142803.59	0.0165	P	3.6
5	☐	125.000	125.691	357176.83	0.0420	P	0.6
6	☐	250.000	246.814	714908.11	0.0824	P	1.2
7	☐	500.000	494.553	1427726.47	0.1651	P	1.1
8	☐	1000.000	1003.460	2866716.12	0.3350	P	0.3
9	☐			13034.22	0.0016	P	4.7

$$y = 3.3380E-004 * x + 9.2662E-006$$

$$R = 1.0000$$

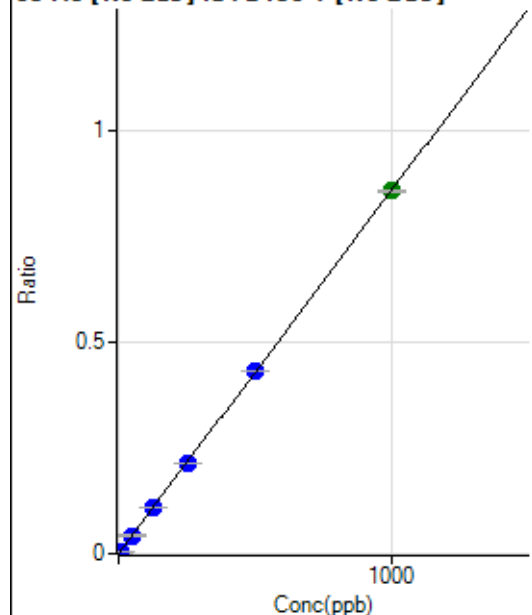
$$DL = 0.02597$$

$$BEC = 0.02776$$

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	175.01	0.0000	P	21.4
2	☐	0.500					
3	☐	5.000	4.324	32582.59	0.0037	P	1.4
4	☐	50.000	49.937	370698.06	0.0429	P	3.3
5	☐	125.000	126.681	927033.22	0.1089	P	0.2
6	☐	250.000	248.550	1853979.88	0.2137	P	1.1
7	☐	500.000	502.604	3736602.17	0.4321	P	0.5
8	☐	1000.000	998.857	7348457.45	0.8586	A	0.8
9	☐			32666.30	0.0040	P	4.0

$$y = 8.5961\text{E-}004 * x + 2.0130\text{E-}005$$

$$R = 1.0000$$

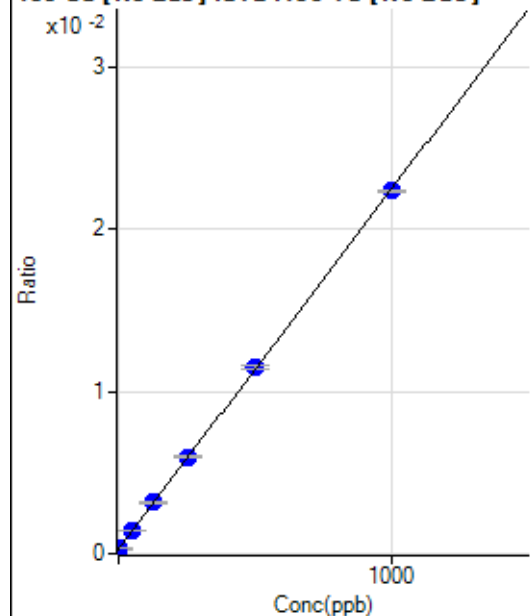
$$DL = 0.015$$

$$BEC = 0.02342$$

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	3128.27	0.0003	P	2.8
2	☐	0.100					
3	☐	1.000	1.638	3531.15	0.0003	P	8.0
4	☐	50.000	51.704	15625.83	0.0014	P	4.3
5	☐	125.000	129.711	34128.29	0.0032	P	2.0
6	☐	250.000	255.583	65265.18	0.0060	P	2.0
7	☐	500.000	505.474	125639.42	0.0115	P	1.6
8	☐	1000.000	995.193	242535.03	0.0224	P	0.2
9	☐			3000.44	0.0003	P	10.0

$$y = 2.2180\text{E-}005 * x + 2.8195\text{E-}004$$

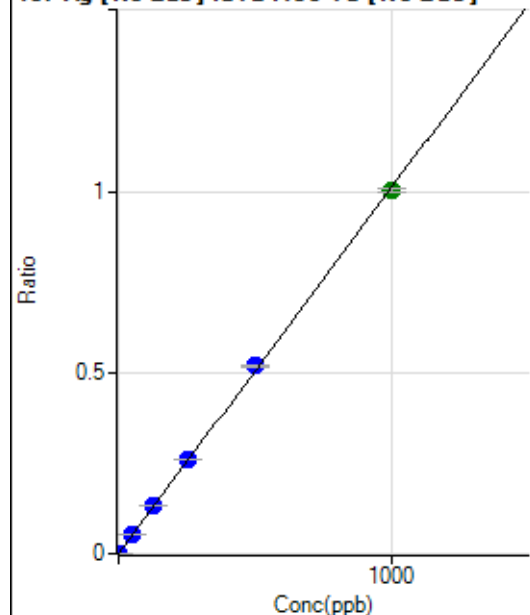
$$R = 1.0000$$

$$DL = 1.055$$

$$BEC = 12.71$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.12	0.0000	P	36.7
2	☐	0.100					
3	☐	1.000	1.212	13654.37	0.0012	P	5.2
4	☐	50.000	52.533	580941.99	0.0531	P	2.7
5	☐	125.000	131.291	1433878.79	0.1327	P	0.1
6	☐	250.000	257.214	2851595.27	0.2600	P	1.3
7	☐	500.000	512.476	5662725.00	0.5180	P	0.8
8	☐	1000.000	991.045	10867801.80	1.0017	A	0.9
9	☐			2039.13	0.0002	P	6.9

$$y = 0.0010 * x + 7.7611E-006$$

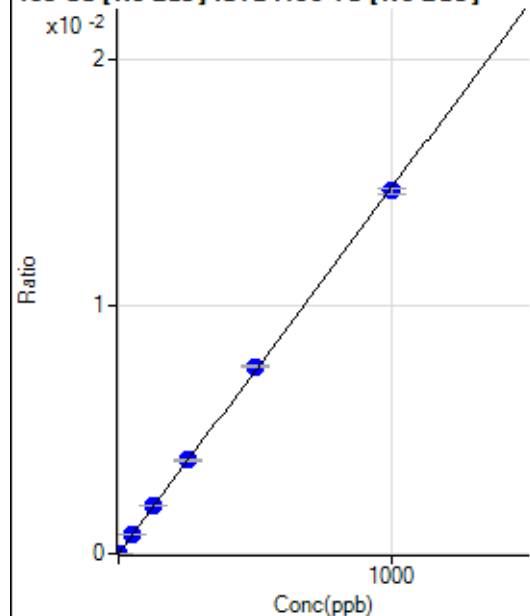
$$R = 0.9998$$

$$DL = 0.008456$$

$$BEC = 0.007678$$

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	12.50	0.0000	P	57.5
2	☐	0.100					
3	☐	1.000	0.946	168.06	0.0000	P	20.6
4	☐	50.000	51.787	8394.34	0.0008	P	3.0
5	☐	125.000	130.388	20857.31	0.0019	P	0.6
6	☐	250.000	255.957	41551.40	0.0038	P	1.3
7	☐	500.000	512.167	82857.20	0.0076	P	1.4
8	☐	1000.000	991.664	159207.42	0.0147	P	1.4
9	☐			58.33	0.0000	P	7.9

$$y = 1.4797E-005 * x + 1.1245E-006$$

$$R = 0.9999$$

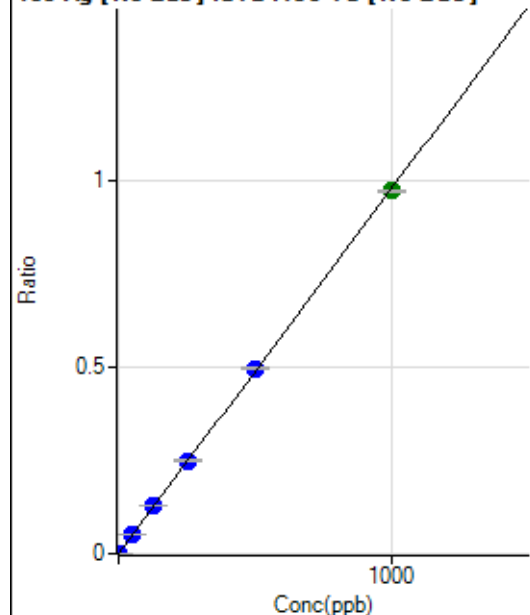
$$DL = 0.1311$$

$$BEC = 0.076$$

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	47.23	0.0000	P	19.7
2	☐	0.100					
3	☐	1.000	1.191	12928.64	0.0012	P	1.7
4	☐	50.000	52.119	556596.46	0.0509	P	2.8
5	☐	125.000	130.674	1378251.89	0.1276	P	1.0
6	☐	250.000	255.286	2733295.94	0.2492	P	1.7
7	☐	500.000	507.447	5415307.11	0.4954	P	1.0
8	☐	1000.000	994.140	10528973.15	0.9705	A	0.6
9	☐			2047.46	0.0002	P	1.1

$$y = 9.7620\text{E-}004 * x + 4.2526\text{E-}006$$

$$R = 0.9999$$

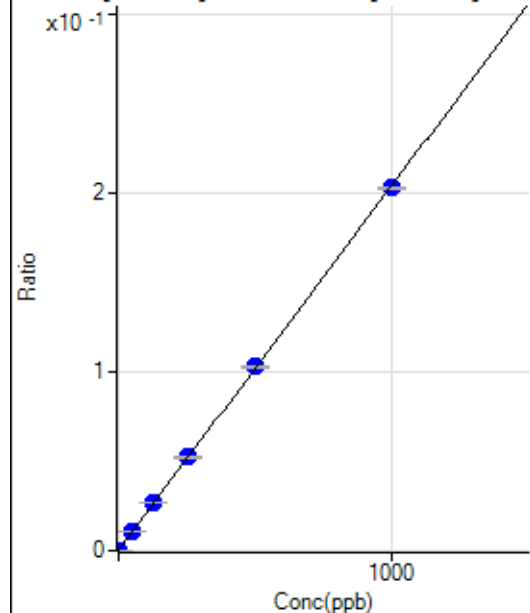
$$DL = 0.002577$$

$$BEC = 0.004356$$

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	2201.87	0.0002	P	3.2
2	☐	0.100					
3	☐	1.000	0.991	4434.92	0.0004	P	2.7
4	☐	50.000	52.121	118233.94	0.0108	P	2.1
5	☐	125.000	130.844	289878.48	0.0268	P	0.9
6	☐	250.000	256.028	573715.08	0.0523	P	1.7
7	☐	500.000	505.151	1126156.51	0.1030	P	0.9
8	☐	1000.000	995.081	2199517.96	0.2027	P	0.2
9	☐			2615.06	0.0003	P	7.9

$$y = 2.0354\text{E-}004 * x + 1.9846\text{E-}004$$

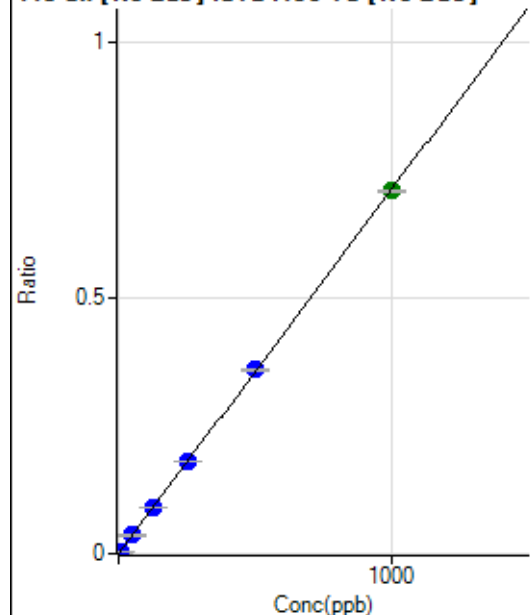
$$R = 1.0000$$

$$DL = 0.09316$$

$$BEC = 0.975$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1011.19	0.0001	P	11.0
2	☐	0.500					
3	☐	5.000	4.401	35735.47	0.0032	P	4.2
4	☐	50.000	50.191	392070.94	0.0358	P	2.9
5	☐	125.000	127.455	981880.20	0.0909	P	0.3
6	☐	250.000	252.142	1970944.25	0.1797	P	1.1
7	☐	500.000	505.873	3940090.84	0.3604	P	1.2
8	☐	1000.000	996.215	7699649.74	0.7097	A	0.7
9	☐			11207.69	0.0011	P	5.8

$$y = 7.1231\text{E-}004 * x + 9.1171\text{E-}005$$

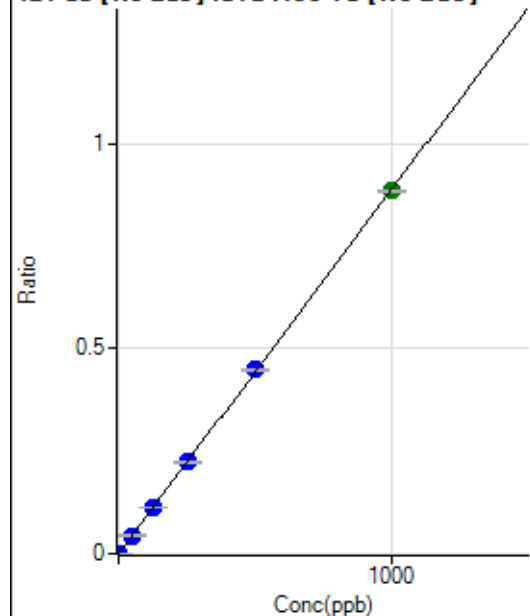
$$R = 1.0000$$

$$DL = 0.04206$$

$$BEC = 0.128$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	76.8
2	☐	0.200					
3	☐	2.000	1.832	18037.27	0.0016	P	2.6
4	☐	50.000	49.831	483274.72	0.0442	P	3.3
5	☐	125.000	126.930	1215796.35	0.1125	P	0.5
6	☐	250.000	251.235	2442743.09	0.2227	P	1.7
7	☐	500.000	505.090	4894804.15	0.4478	P	1.3
8	☐	1000.000	996.914	9588097.26	0.8838	A	0.5
9	☐			33226.28	0.0033	P	2.8

$$y = 8.8649\text{E-}004 * x + 4.5208\text{E-}006$$

$$R = 1.0000$$

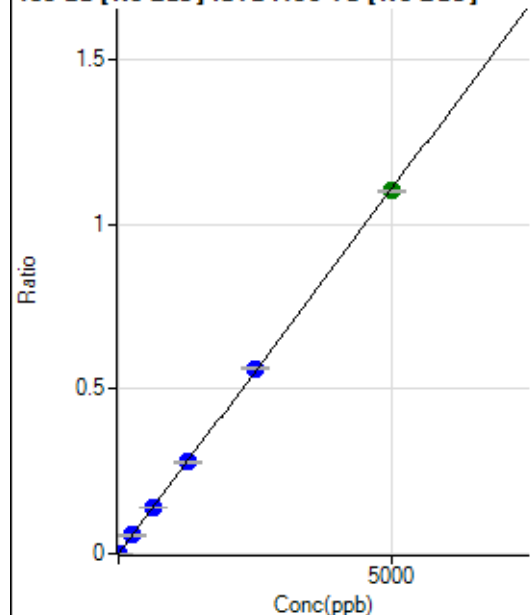
$$DL = 0.01175$$

$$BEC = 0.0051$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	17.0
2	☐	1.000					
3	☐	10.000	8.659	21311.52	0.0019	P	3.1
4	☐	250.000	250.577	606921.64	0.0555	P	2.8
5	☐	625.000	636.317	1522137.18	0.1409	P	0.2
6	☐	1250.000	1260.060	3059680.49	0.2790	P	1.7
7	☐	2500.000	2543.285	6155352.61	0.5631	P	0.9
8	☐	5000.000	4974.402	11948111.46	1.1013	A	0.6
9	☐			5581.92	0.0005	P	6.2

$$y = 2.2139\text{E-}004 * x + 7.0145\text{E-}006$$

$$R = 0.9999$$

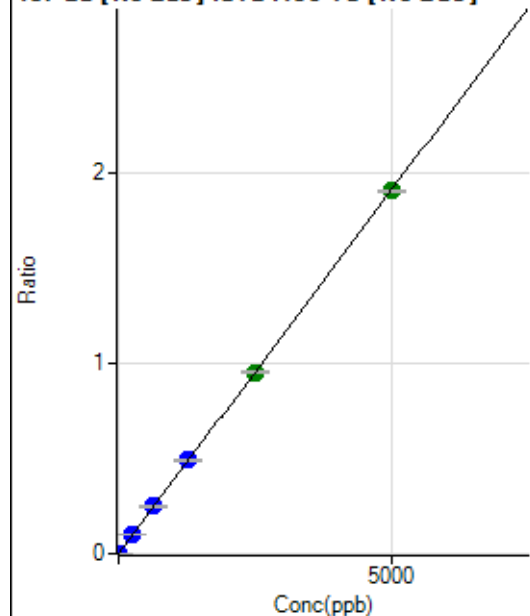
$$DL = 0.01616$$

$$BEC = 0.03168$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	8.7
2	☐	1.000					
3	☐	10.000	8.794	37431.92	0.0034	P	1.5
4	☐	250.000	254.804	1066817.55	0.0975	P	2.8
5	☐	625.000	648.478	2681404.58	0.2482	P	0.4
6	☐	1250.000	1288.183	5406949.99	0.4930	P	1.7
7	☐	2500.000	2497.083	10446608.66	0.9556	A	1.2
8	☐	5000.000	4988.740	20712692.31	1.9092	A	0.6
9	☐			9531.42	0.0009	P	1.7

$$y = 3.8269\text{E-}004 * x + 1.3017\text{E-}005$$

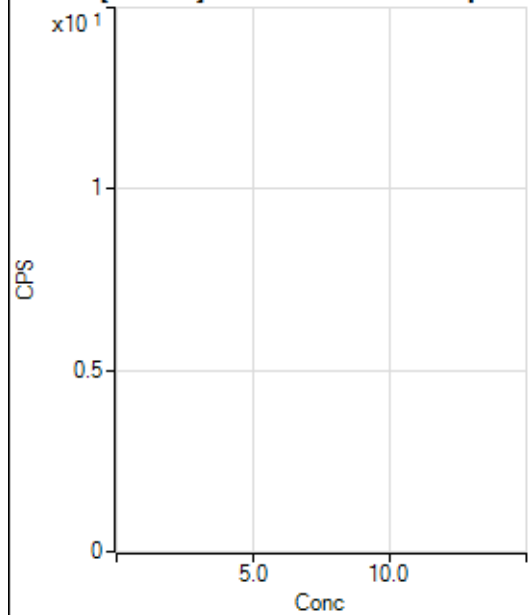
$$R = 1.0000$$

$$DL = 0.008896$$

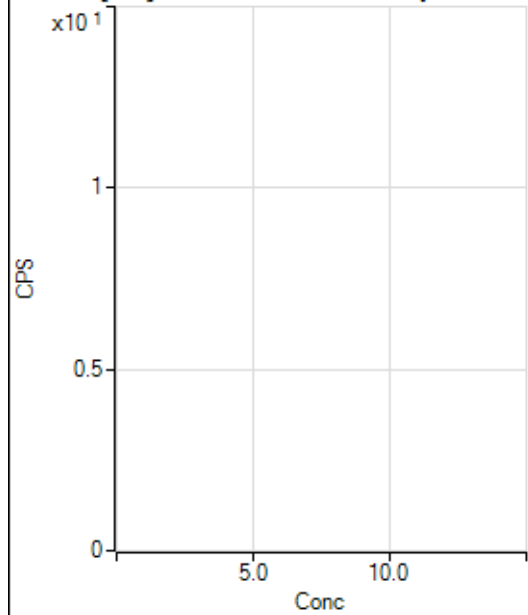
$$BEC = 0.03402$$

Weight: <None>

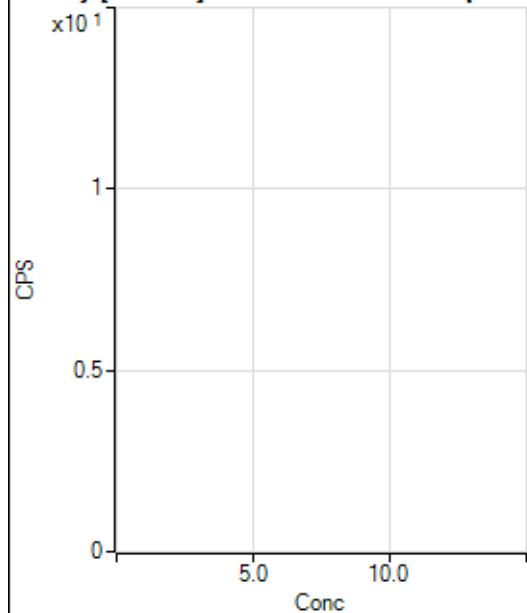
Min Conc: 0

150 Nd [No Gas] No available calibration points

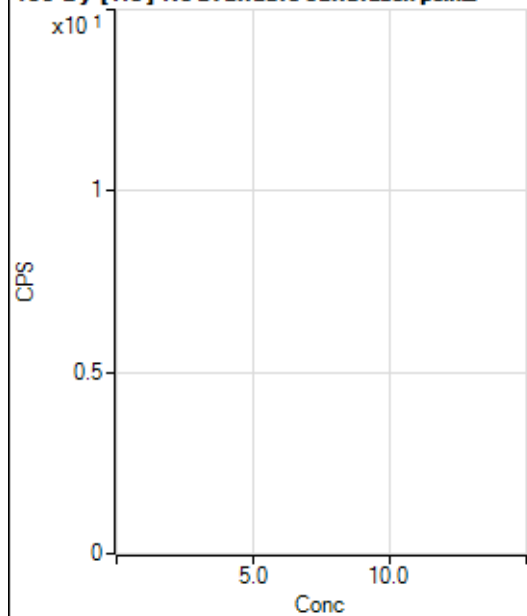
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐						
3	☐			4.44		P	173.
4	☐			35.56		P	60.3
5	☐			142.23		P	7.2
6	☐			246.68		P	7.1
7	☐			475.58		P	8.6
8	☐			902.28		P	12.3
9	☐			135.56		P	23.2

150 Nd [He] No available calibration points

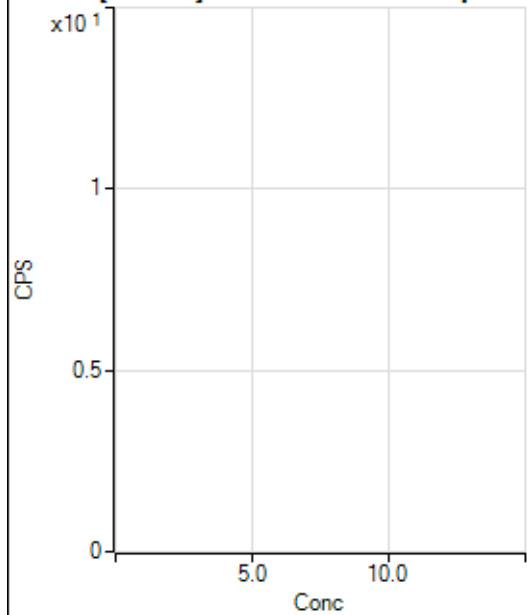
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	173.
5	☐			13.33		P	50.0
6	☐			31.11		P	6.2
7	☐			60.00		P	14.7
8	☐			92.22		P	19.9
9	☐			51.11		P	27.2

156 Dy [No Gas] No available calibration points

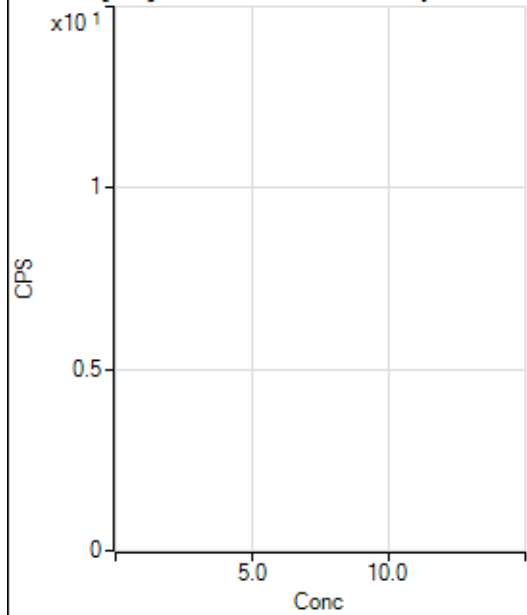
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			13.89		P	91.6
4	☐			27.78		P	45.8
5	☐			77.78		P	32.7
6	☐			44.45		P	28.7
7	☐			166.67		P	30.4
8	☐			197.23		P	19.1
9	☐			188.90		P	33.7

156 Dy [He] No available calibration points

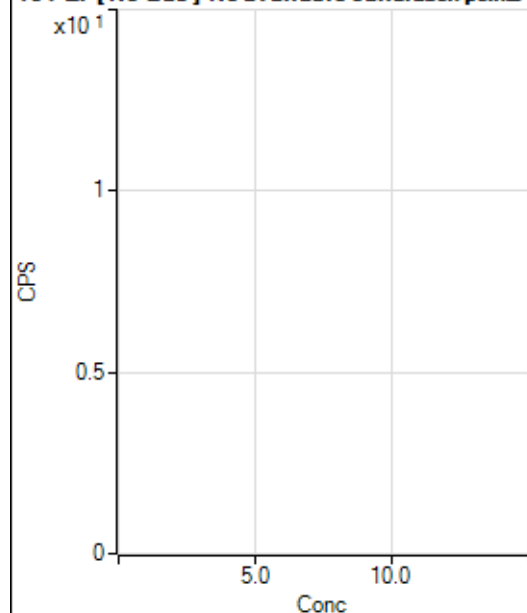
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			4.44		P	114.
4	☐			4.44		P	43.4
5	☐			16.67		P	34.6
6	☐			31.11		P	12.4
7	☐			51.11		P	24.7
8	☐			100.00		P	28.5
9	☐			64.45		P	26.0

160 Gd [No Gas] Noavailable calibration poin_

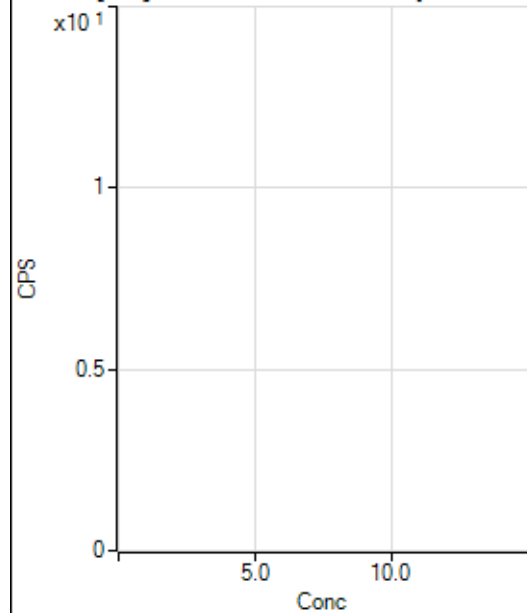
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	44.4
2	☐						
3	☐			52.78		P	32.9
4	☐			36.11		P	35.3
5	☐			52.78		P	39.7
6	☐			72.23		P	54.5
7	☐			122.23		P	40.0
8	☐			91.67		P	15.7
9	☐			152.78		P	12.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			82.22		P	22.3
2	☐						
3	☐			104.45		P	19.2
4	☐			77.78		P	19.8
5	☐			83.33		P	10.6
6	☐			77.78		P	27.6
7	☐			94.45		P	24.0
8	☐			110.00		P	9.1
9	☐			145.56		P	16.1

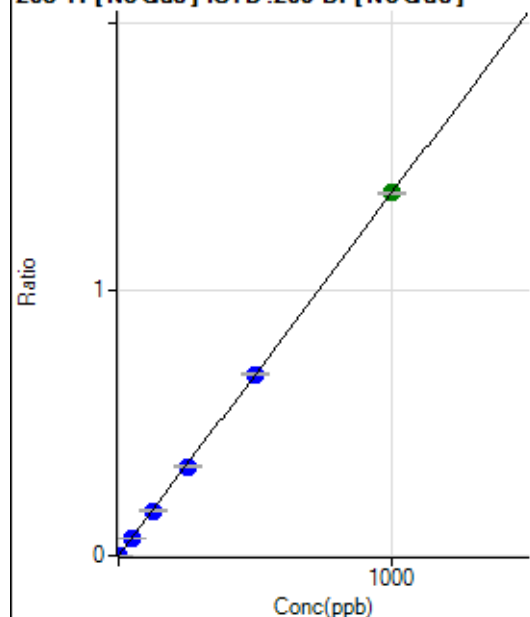
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	50.0
2	☐						
3	☐			38.89		P	44.6
4	☐			38.89		P	75.3
5	☐			44.45		P	28.7
6	☐			38.89		P	24.7
7	☐			63.89		P	15.1
8	☐			75.00		P	19.2
9	☐			75.00		P	48.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐						
3	☐			30.00		P	33.3
4	☐			15.55		P	24.8
5	☐			20.00		P	66.7
6	☐			26.67		P	12.5
7	☐			24.44		P	51.6
8	☐			24.45		P	43.8
9	☐			37.78		P	33.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	141.68	0.0000	P	20.7
2	☐	0.100					
3	☐	1.000	0.924	8953.37	0.0013	P	0.1
4	☐	50.000	49.468	469530.76	0.0674	P	3.3
5	☐	125.000	124.167	1171942.82	0.1692	P	2.0
6	☐	250.000	246.659	2356441.01	0.3361	P	1.2
7	☐	500.000	499.584	4697343.42	0.6808	P	1.2
8	☐	1000.000	1001.174	9041429.11	1.3643	A	0.8
9	☐			5448.61	0.0009	P	3.8

$$y = 0.0014 * x + 1.9814E-005$$

$$R = 1.0000$$

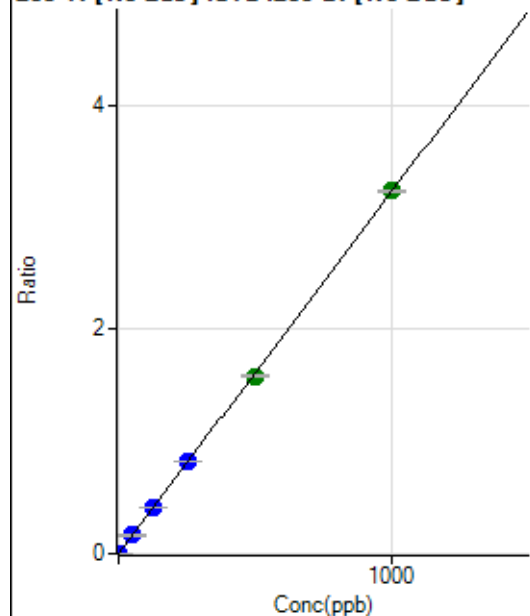
$$DL = 0.009047$$

$$BEC = 0.01454$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	347.24	0.0000	P	15.0
2	☐	0.100					
3	☐	1.000	0.935	21448.68	0.0031	P	2.7
4	☐	50.000	50.570	1136100.86	0.1632	P	3.1
5	☐	125.000	127.420	2846575.39	0.4110	P	1.7
6	☐	250.000	254.396	5752299.87	0.8205	P	1.1
7	☐	500.000	490.798	10922525.85	1.5830	A	0.5
8	☐	1000.000	1003.171	21442398.05	3.2356	A	0.6
9	☐			13118.04	0.0023	P	3.4

$$y = 0.0032 * x + 4.8513E-005$$

$$R = 0.9999$$

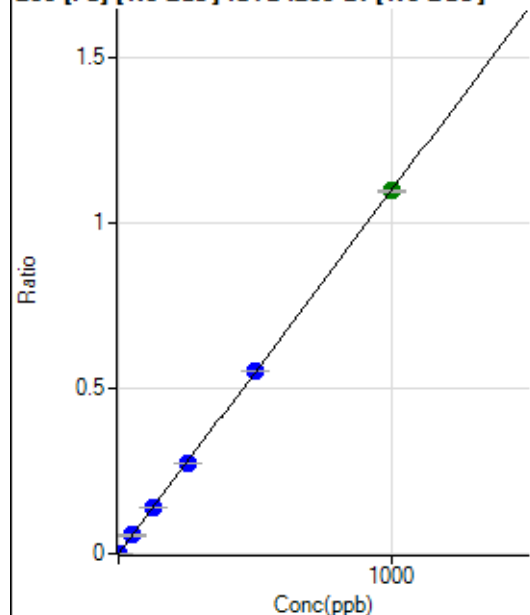
$$DL = 0.006779$$

$$BEC = 0.01504$$

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	744.49	0.0001	P	5.6
2	☐	0.100					
3	☐	1.000	1.288	10637.89	0.0015	P	2.9
4	☐	50.000	50.865	390178.14	0.0560	P	3.9
5	☐	125.000	125.535	956872.60	0.1382	P	1.5
6	☐	250.000	248.695	1918058.12	0.2736	P	1.1
7	☐	500.000	503.458	3821017.07	0.5538	P	0.3
8	☐	1000.000	998.487	7277803.12	1.0982	A	0.5
9	☐			15342.49	0.0026	P	1.6

$$y = 0.0011 * x + 1.0408E-004$$

$$R = 1.0000$$

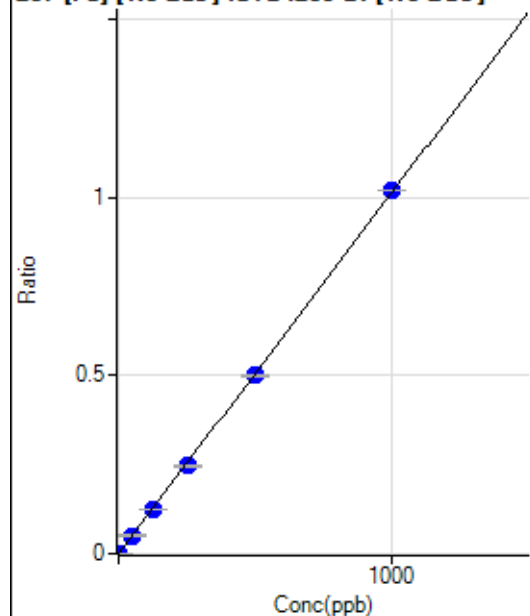
$$DL = 0.01602$$

$$BEC = 0.09464$$

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	622.26	0.0001	P	14.8
2	☐	0.100					
3	☐	1.000	1.272	9624.13	0.0014	P	3.8
4	☐	50.000	49.758	351277.45	0.0505	P	3.8
5	☐	125.000	123.252	864666.64	0.1248	P	1.3
6	☐	250.000	242.872	1723999.56	0.2459	P	1.0
7	☐	500.000	493.447	3446865.15	0.4996	P	0.4
8	☐	1000.000	1005.289	6744045.29	1.0176	P	0.1
9	☐			12778.72	0.0022	P	0.7

$$y = 0.0010 * x + 8.6988E-005$$

$$R = 0.9999$$

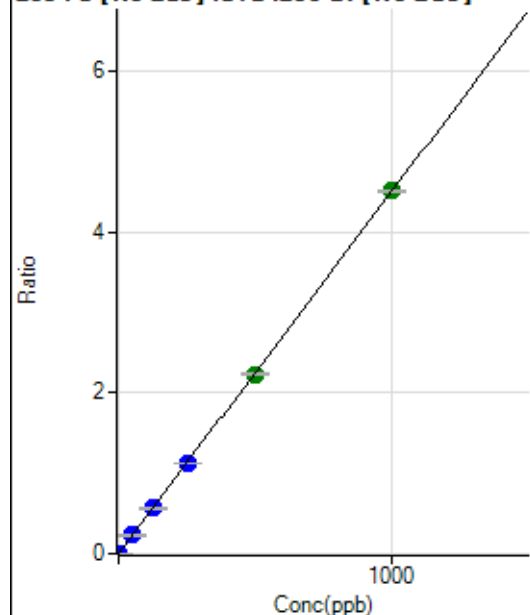
$$DL = 0.03825$$

$$BEC = 0.08594$$

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	2907.62	0.0004	P	2.2
2	☐	0.100					
3	☐	1.000	1.266	42738.92	0.0061	P	1.2
4	☐	50.000	50.520	1586741.87	0.2279	P	3.5
5	☐	125.000	125.535	3917739.33	0.5657	P	1.5
6	☐	250.000	248.472	7846153.18	1.1192	P	1.0
7	☐	500.000	495.631	15401554.57	2.2321	A	0.5
8	☐	1000.000	1002.473	29917039.15	4.5144	A	0.3
9	☐			60043.51	0.0103	P	0.2

$$y = 0.0045 * x + 4.0645E-004$$

$$R = 1.0000$$

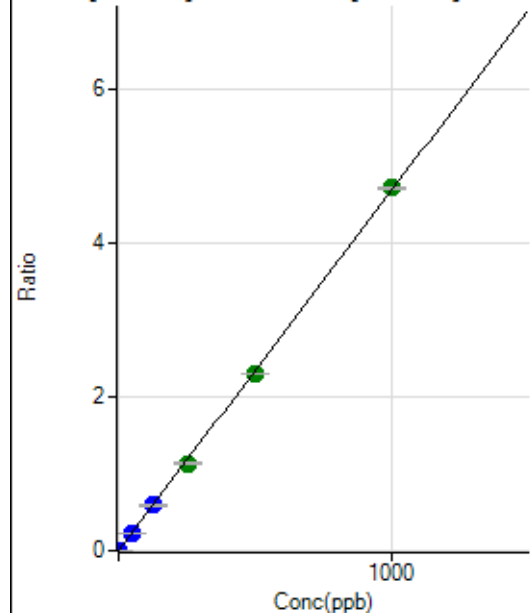
$$DL = 0.005898$$

$$BEC = 0.09027$$

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	516.70	0.0001	P	7.5
2	☐	0.100					
3	☐	1.000	0.878	29336.87	0.0042	P	4.3
4	☐	50.000	49.264	1609794.53	0.2312	P	2.9
5	☐	125.000	126.224	4101207.08	0.5922	P	1.7
6	☐	250.000	242.479	7973913.20	1.1375	A	1.7
7	☐	500.000	489.488	15843390.46	2.2962	A	0.2
8	☐	1000.000	1007.020	31305630.21	4.7239	A	0.3
9	☐			6935.50	0.0012	P	4.5

$$y = 0.0047 * x + 7.2247E-005$$

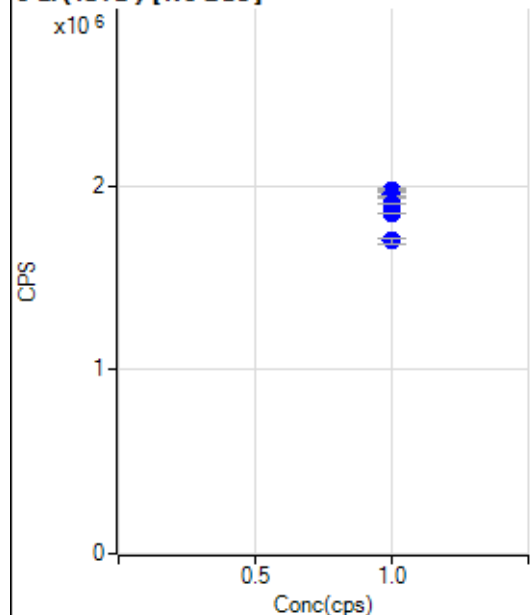
$$R = 0.9999$$

$$DL = 0.003467$$

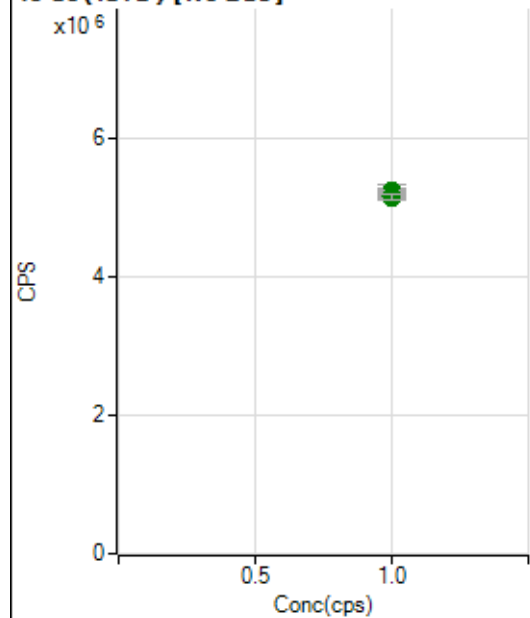
$$BEC = 0.0154$$

Weight: <None>

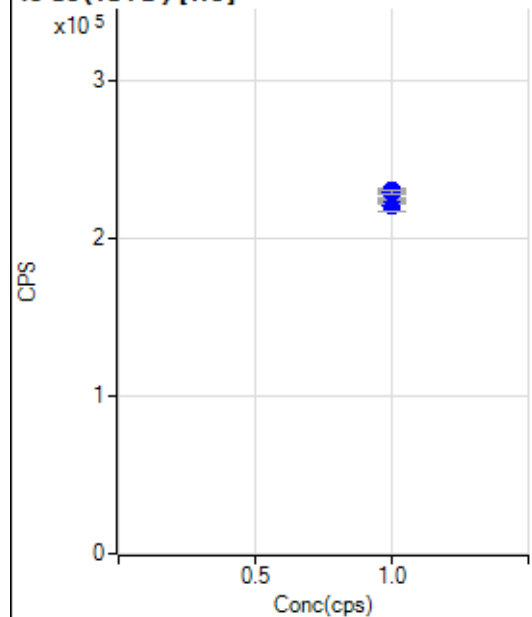
Min Conc: 0

6 Li (ISTD) [No Gas]

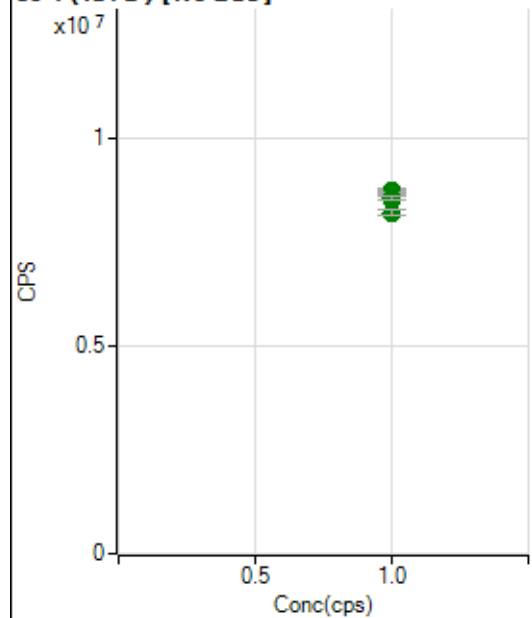
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1964220.68		P	0.1
2	☐	1.000					
3	☐	1.000		1974031.34		P	1.0
4	☐	1.000		1956799.76		P	2.6
5	☐	1.000		1943824.97		P	0.1
6	☐	1.000		1939403.30		P	0.3
7	☐	1.000		1904208.15		P	0.4
8	☐	1.000		1853501.69		P	0.1
9	☐	1.000		1700857.68		P	1.3

45 Sc (ISTD) [No Gas]

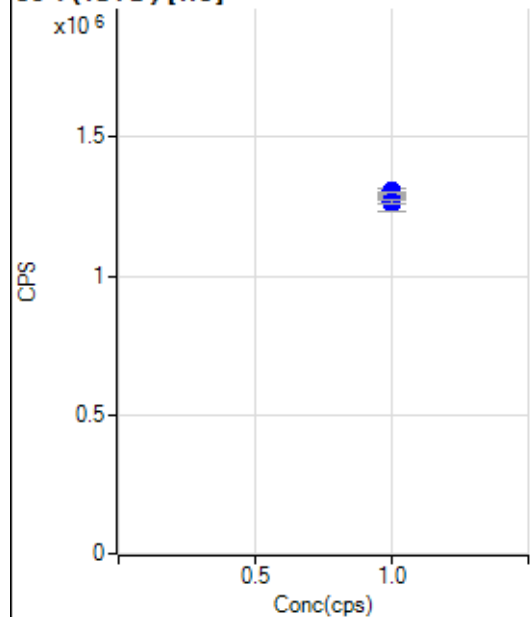
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5228361.01		A	0.3
2	☐	1.000					
3	☐	1.000		5204675.81		A	2.8
4	☐	1.000		5230218.99		A	3.5
5	☐	1.000		5141626.20		A	0.8
6	☐	1.000		5222965.17		A	1.3
7	☐	1.000		5197482.80		A	0.1
8	☐	1.000		5231622.47		A	0.5
9	☐	1.000		5152359.45		A	1.8

45 Sc (ISTD) [He]

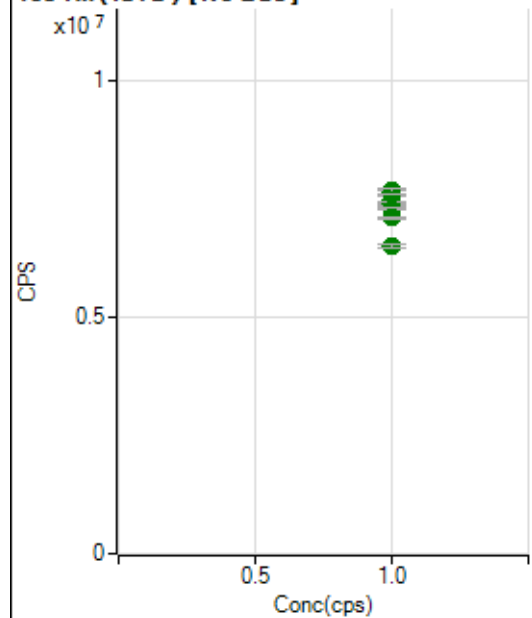
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		224340.02		P	1.5
2	☐	1.000					
3	☐	1.000		224144.51		P	0.8
4	☐	1.000		229645.73		P	1.6
5	☐	1.000		221322.70		P	4.0
6	☐	1.000		222742.23		P	0.6
7	☐	1.000		225369.24		P	0.4
8	☐	1.000		230217.13		P	1.1
9	☐	1.000		229353.95		P	1.5

89 Y (ISTD) [No Gas]

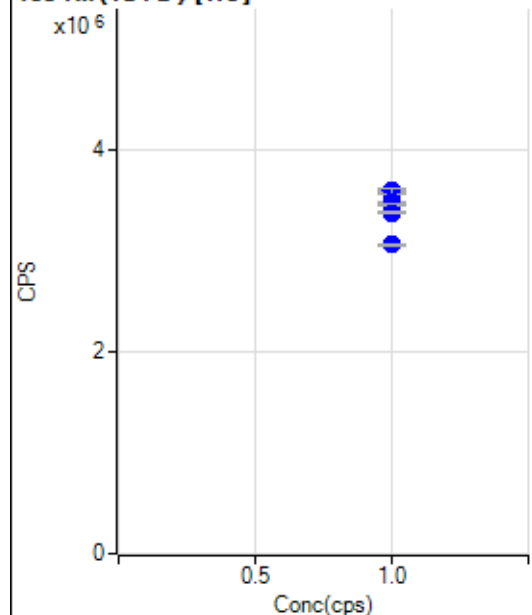
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8687696.88		A	0.5
2	☐	1.000					
3	☐	1.000		8719239.32		A	1.9
4	☐	1.000		8638150.01		A	3.4
5	☐	1.000		8511402.93		A	0.3
6	☐	1.000		8677234.18		A	1.1
7	☐	1.000		8648400.22		A	0.5
8	☐	1.000		8558416.19		A	0.9
9	☐	1.000		8192265.64		A	1.9

89 Y(ISTD) [He]

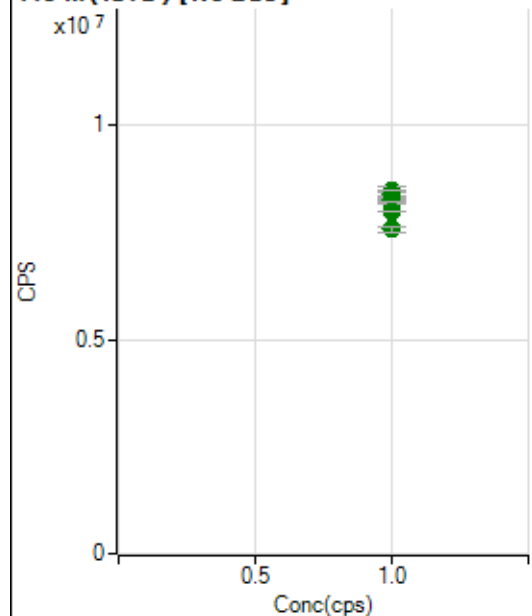
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1292185.14		P	1.0
2	☐	1.000					
3	☐	1.000		1291316.86		P	0.4
4	☐	1.000		1306093.41		P	1.2
5	☐	1.000		1258687.11		P	3.8
6	☐	1.000		1291899.57		P	0.0
7	☐	1.000		1300763.34		P	0.4
8	☐	1.000		1298367.15		P	0.3
9	☐	1.000		1268317.31		P	1.1

103 Rh(ISTD) [No Gas]

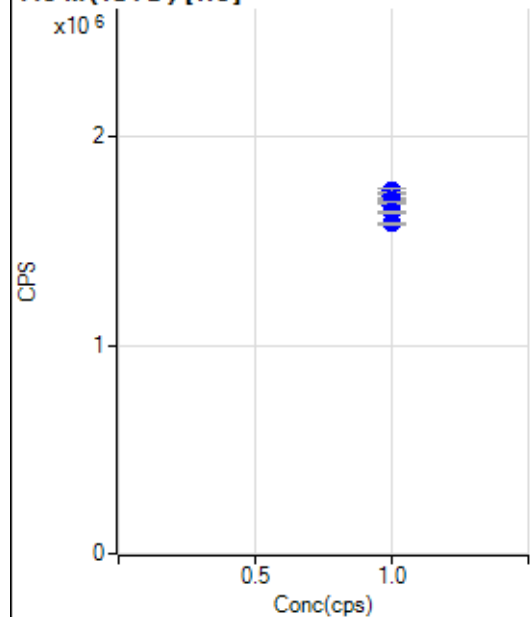
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7658386.54		A	0.1
2	☐	1.000					
3	☐	1.000		7622895.14		A	2.0
4	☐	1.000		7488115.27		A	2.9
5	☐	1.000		7372869.70		A	0.7
6	☐	1.000		7401202.07		A	1.3
7	☐	1.000		7276958.32		A	0.6
8	☐	1.000		7092713.70		A	0.6
9	☐	1.000		6492388.25		A	1.6

103 Rh (ISTD) [He]

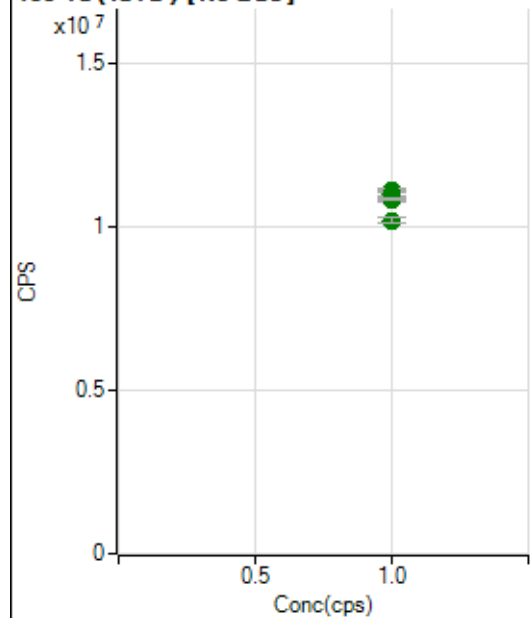
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3584604.74		P	0.9
2	☐	1.000					
3	☐	1.000		3576240.71		P	0.5
4	☐	1.000		3596040.71		P	1.3
5	☐	1.000		3441875.78		P	3.2
6	☐	1.000		3479842.90		P	0.4
7	☐	1.000		3460760.23		P	0.2
8	☐	1.000		3378710.51		P	0.4
9	☐	1.000		3062893.63		P	0.7

115 In (ISTD) [No Gas]

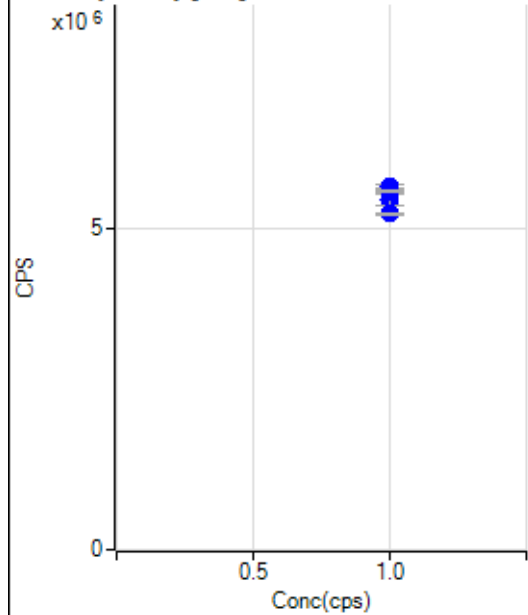
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8474447.92		A	0.4
2	☐	1.000					
3	☐	1.000		8470223.07		A	2.5
4	☐	1.000		8377168.28		A	2.7
5	☐	1.000		8225340.54		A	0.7
6	☐	1.000		8279187.91		A	0.9
7	☐	1.000		8214442.21		A	0.7
8	☐	1.000		7998737.41		A	0.3
9	☐	1.000		7572147.78		A	1.5

115 In (ISTD) [He]

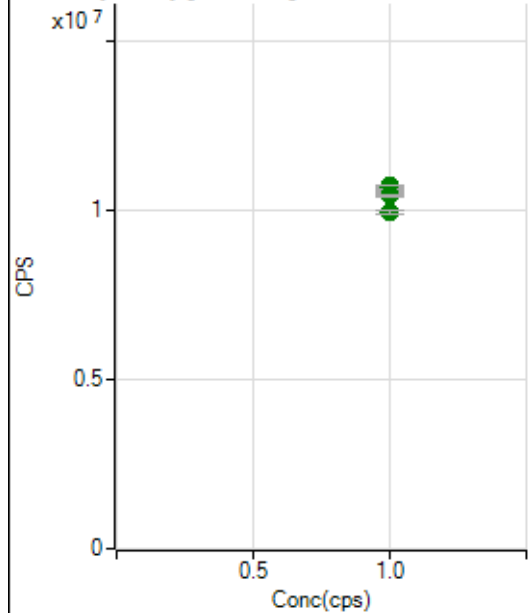
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1715189.61		P	0.8
2	☐	1.000					
3	☐	1.000		1718089.38		P	0.7
4	☐	1.000		1741776.80		P	1.1
5	☐	1.000		1667206.34		P	3.6
6	☐	1.000		1698223.07		P	0.3
7	☐	1.000		1685676.37		P	0.3
8	☐	1.000		1642610.76		P	0.6
9	☐	1.000		1586222.93		P	0.7

159 Tb (ISTD) [No Gas]

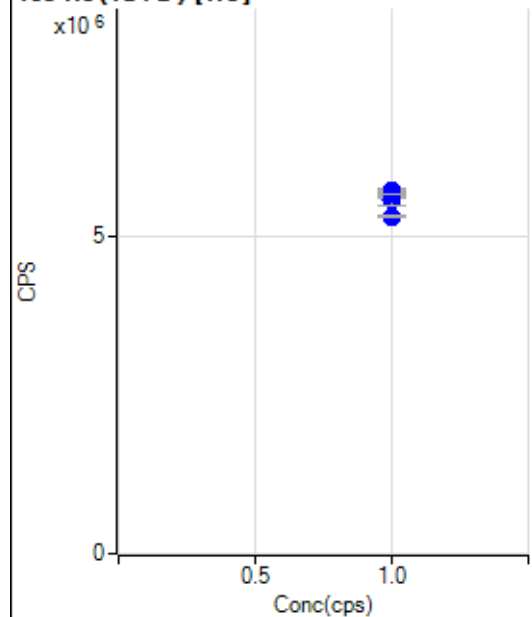
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11096432.75		A	0.7
2	☐	1.000					
3	☐	1.000		11081671.92		A	2.2
4	☐	1.000		10943454.42		A	2.2
5	☐	1.000		10804399.70		A	0.4
6	☐	1.000		10969184.00		A	1.3
7	☐	1.000		10932237.55		A	0.6
8	☐	1.000		10849170.32		A	0.2
9	☐	1.000		10202463.25		A	1.8

159 Tb (ISTD) [He]

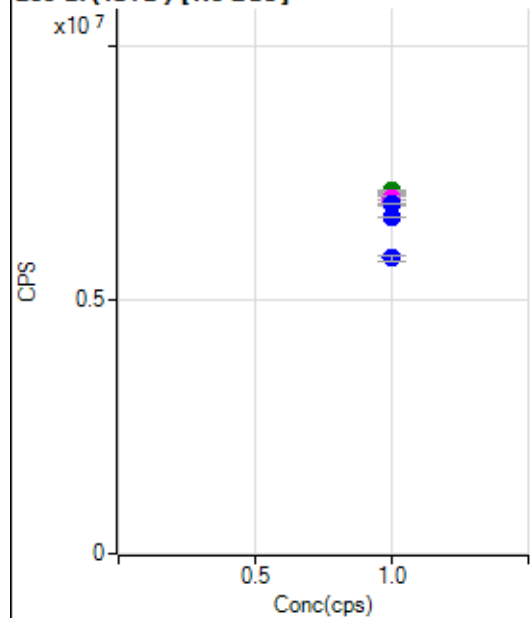
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5565005.96		P	0.6
2	☐	1.000					
3	☐	1.000		5569025.06		P	0.6
4	☐	1.000		5649511.31		P	1.2
5	☐	1.000		5462809.09		P	3.6
6	☐	1.000		5594704.98		P	0.2
7	☐	1.000		5629668.53		P	0.2
8	☐	1.000		5576592.14		P	0.6
9	☐	1.000		5230329.51		P	0.7

165 Ho (ISTD) [No Gas]

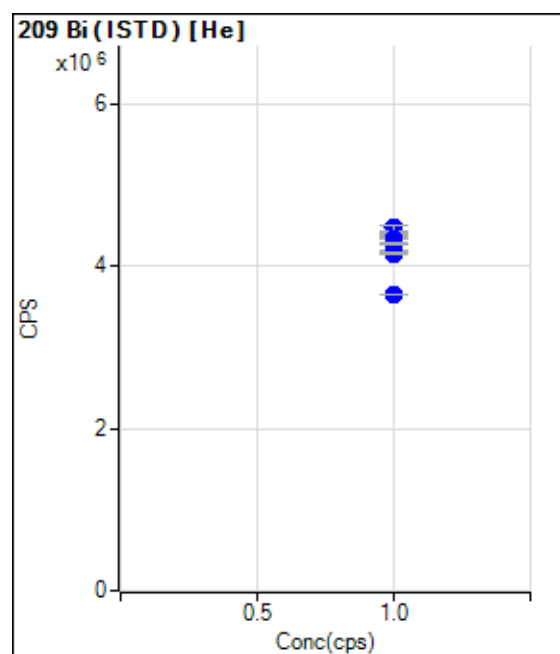
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10716329.41		A	0.7
2	☐	1.000					
3	☐	1.000		10594859.61		A	1.8
4	☐	1.000		10565743.81		A	2.5
5	☐	1.000		10436023.32		A	0.3
6	☐	1.000		10616037.04		A	1.2
7	☐	1.000		10659613.78		A	1.1
8	☐	1.000		10430974.71		A	0.4
9	☐	1.000		9940894.32		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5608441.37		P	1.0
2	☐	1.000					
3	☐	1.000		5640568.94		P	0.7
4	☐	1.000		5701327.90		P	0.9
5	☐	1.000		5548541.31		P	3.3
6	☐	1.000		5691295.61		P	0.6
7	☐	1.000		5691926.37		P	0.4
8	☐	1.000		5649121.72		P	0.3
9	☐	1.000		5299085.65		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7153625.79		A	0.7
2	☐	1.000					
3	☐	1.000		7001186.70		A	2.4
4	☐	1.000		6968151.70		A	3.2
5	☐	1.000		6926954.13		M	1.6
6	☐	1.000		7010960.52		M	1.3
7	☐	1.000		6899860.24		P	0.3
8	☐	1.000		6627112.96		P	0.3
9	☐	1.000		5827689.71		P	1.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4404561.71		P	1.2
2	☐	1.000					
3	☐	1.000		4387510.90		P	0.5
4	☐	1.000		4471846.70		P	1.3
5	☐	1.000		4273890.18		P	3.6
6	☐	1.000		4338086.50		P	0.5
7	☐	1.000		4282479.21		P	0.4
8	☐	1.000		4154893.82		P	0.6
9	☐	1.000		3648019.32		P	0.4

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:46:40	DataFile Name :	003CALB_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.37	0.64	-0.27	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.18	0.09	0.09	0.00	N/A	ppb
Boron	11-1	0.01	-0.04	0.02	0.00	N/A	ppb
Cadmium	111-1	0.02	0.02	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.24	0.17	-0.40	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.05	0.02	0.00	N/A	ppb
Calcium	43-1	1.08	0.19	-1.28	0.00	N/A	ppb
Calcium	44-1	-0.28	0.39	-0.11	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.00	-0.01	0.01	0.00	N/A	ppb
Iron	57-2	-0.67	0.61	0.06	0.00	N/A	ppb
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.48	0.13	-0.61	0.00	N/A	ppb
Manganese	55-2	-0.03	0.00	0.03	0.00	N/A	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:46:40	DataFile Name :	003CALB_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-2.04	-9.67	10.48	-0.41		ppb
Potassium	39-2	1.43	2.93	-4.36	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.22	0.14	0.08	0.00	N/A	ppb
Selenium	82-1	0.45	-0.14	-0.31	0.00	N/A	ppb
Silicon	28-1	0.00	-0.49	0.48	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.42	-0.16	-1.26	0.00	N/A	ppb
Strontium	86-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	42.06	66.33	22.90	43.76	49.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.03	-0.03	0.00	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:46:40	DataFile Name :	003CALB_P7071217 -M9

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

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:54:33	DataFile Name :	005CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.28	17.46	18.08	17.61	2.37	ppb
Antimony	121-1	1.81	1.80	1.89	1.83	2.65	ppb
Arsenic	75-2	0.83	0.91	0.91	0.88	5.15	ppb
Barium	135-1	8.38	8.67	8.92	8.66	3.13	ppb
Barium	137-1	8.81	8.66	8.91	8.79	1.46	ppb
Beryllium	9-1	0.91	0.81	0.87	0.86	6.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.00	22.25	21.67	21.31	5.50	ppb
Boron	11-1	19.93	20.16	21.28	20.46	3.53	ppb
Cadmium	111-1	1.05	0.96	0.96	0.99	5.40	ppb
Cadmium	106-1	2.73	1.73	0.45	1.64	69.87	ppb
Cadmium	108-1	1.10	1.04	0.70	0.95	22.31	ppb
Calcium	43-1	413.50	456.70	450.45	440.22	5.30	ppb
Calcium	44-1	422.01	435.88	450.48	436.12	3.26	ppb
Chromium	52-2	2.04	1.94	1.95	1.98	2.85	ppb
Cobalt	59-2	0.94	0.90	0.94	0.92	2.61	ppb
Copper	63-2	2.20	2.26	2.25	2.24	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.49	48.61	46.88	47.66	1.84	ppb
Iron	57-2	46.71	49.97	43.11	46.60	7.37	ppb
Lead	206-1	1.27	1.26	1.33	1.29	3.07	ppb
Lead	207-1	1.23	1.33	1.26	1.27	4.03	ppb
Lead	208-1	1.26	1.26	1.28	1.27	1.25	ppb
Lithium	6-1						%
Magnesium	24-2	447.79	457.47	452.42	452.56	1.07	ppb
Manganese	55-2	0.85	0.90	0.92	0.89	3.95	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:54:33	DataFile Name :	005CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.87	1.91	1.96	1.91	2.49	ppb
Molybdenum	95-1	4.31	4.30	4.51	4.37	2.66	ppb
Molybdenum	96-1	3.64	3.71	3.92	3.76	3.98	ppb
Molybdenum	97-1	4.32	4.29	4.41	4.34	1.46	ppb
Molybdenum	98-1	4.27	4.39	4.32	4.32	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.98	0.84	0.90	7.52	ppb
Phosphorus	31-2	1.59	9.74	-10.09	0.41	2428.01	ppb
Potassium	39-2	440.37	453.50	443.25	445.71	1.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.99	5.52	2.99	4.50	29.70	ppb
Selenium	78-2	5.27	3.68	5.77	4.91	22.27	ppb
Selenium	82-1	3.80	5.06	3.50	4.12	20.06	ppb
Silicon	28-1	7.67	9.93	11.56	9.72	20.08	ppb
Silver	109-1	1.18	1.18	1.21	1.19	1.71	ppb
Silver	107-1	1.14	1.27	1.22	1.21	5.20	ppb
Sodium	23-2	463.85	475.33	459.96	466.38	1.71	ppb
Strontium	86-1	0.88	0.72	0.95	0.85	13.76	ppb
Strontium	88-1	0.92	0.93	0.98	0.94	3.45	ppb
Sulfur	34-1	-216.11	-60.21	145.04	-43.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.92	0.92	0.92	0.92	0.13	ppb
Thallium	205-1	0.91	0.93	0.96	0.94	2.73	ppb
Tin	118-1	4.18	4.49	4.53	4.40	4.32	ppb
Titanium	47-1	4.36	4.58	4.82	4.58	5.05	ppb
Uranium	238-1	0.84	0.89	0.91	0.88	4.39	ppb
Vanadium	51-2	4.48	4.55	4.54	4.52	0.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.85	2.68	2.59	2.71	5.04	ppb
Zirconium	90-1	0.82	0.80	0.87	0.83	4.41	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:54:33	DataFile Name :	005CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.78	0.85	0.83	5.19	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 12:58:20 DataFile Name : 006CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	970.05	1002.36	1015.36	995.92	2.34	ppb
Antimony	121-1	48.03	51.23	50.23	49.83	3.29	ppb
Arsenic	75-2	49.76	49.85	51.25	50.29	1.66	ppb
Barium	135-1	245.86	258.55	247.32	250.58	2.77	ppb
Barium	137-1	248.78	262.55	253.08	254.80	2.76	ppb
Beryllium	9-1	49.55	52.59	50.23	50.79	3.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.40	51.86	49.48	50.25	2.79	ppb
Boron	11-1	47.85	49.61	48.91	48.79	1.81	ppb
Cadmium	111-1	51.72	53.38	51.27	52.12	2.13	ppb
Cadmium	106-1	50.48	54.91	49.72	51.70	5.42	ppb
Cadmium	108-1	50.33	53.39	51.64	51.79	2.96	ppb
Calcium	43-1	4818.27	5174.27	4947.36	4979.96	3.62	ppb
Calcium	44-1	4874.89	5243.22	4976.95	5031.69	3.78	ppb
Chromium	52-2	49.85	50.31	51.82	50.66	2.03	ppb
Cobalt	59-2	50.75	51.33	51.88	51.32	1.10	ppb
Copper	63-2	102.83	103.91	106.00	104.25	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	2561.66	2601.70	2657.62	2606.99	1.85	ppb
Iron	57-2	2545.12	2569.31	2637.47	2583.96	1.85	ppb
Lead	206-1	49.40	53.15	50.04	50.86	3.95	ppb
Lead	207-1	48.22	51.84	49.21	49.76	3.76	ppb
Lead	208-1	49.11	52.54	49.91	50.52	3.55	ppb
Lithium	6-1						%
Magnesium	24-2	4986.34	5064.34	5160.61	5070.43	1.72	ppb
Manganese	55-2	98.71	101.32	103.53	101.19	2.38	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:58:20	DataFile Name :	006CAL5_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	45.11	49.19	46.96	47.09	4.33	ppb
Molybdenum	95-1	47.81	51.78	50.05	49.88	3.99	ppb
Molybdenum	96-1	46.89	50.37	47.91	48.39	3.70	ppb
Molybdenum	97-1	47.94	51.47	49.20	49.54	3.61	ppb
Molybdenum	98-1	48.39	51.68	49.74	49.94	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.91	52.25	52.71	52.29	0.77	ppb
Phosphorus	31-2	982.97	1037.02	967.40	995.80	3.67	ppb
Potassium	39-2	2408.79	2456.81	2493.54	2453.05	1.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	46.33	42.10	56.38	48.27	15.19	ppb
Selenium	78-2	50.67	47.06	51.82	49.85	4.98	ppb
Selenium	82-1	49.68	53.69	51.89	51.75	3.88	ppb
Silicon	28-1	54.30	62.25	57.02	57.85	6.98	ppb
Silver	109-1	50.98	53.79	51.58	52.12	2.84	ppb
Silver	107-1	51.71	54.17	51.72	52.53	2.70	ppb
Sodium	23-2	4970.12	5057.45	5094.82	5040.79	1.27	ppb
Strontium	86-1	48.45	53.01	49.24	50.23	4.85	ppb
Strontium	88-1	49.38	52.74	50.33	50.82	3.41	ppb
Sulfur	34-1	645.46	1307.63	830.59	927.89	36.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.21	51.32	48.87	49.47	3.31	ppb
Thallium	205-1	49.29	52.31	50.11	50.57	3.09	ppb
Tin	118-1	49.06	51.84	49.67	50.19	2.91	ppb
Titanium	47-1	49.75	52.03	50.24	50.67	2.37	ppb
Uranium	238-1	47.95	50.80	49.04	49.26	2.91	ppb
Vanadium	51-2	49.12	49.61	50.45	49.72	1.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.61	105.09	107.23	105.31	1.73	ppb
Zirconium	90-1	43.83	46.94	45.24	45.34	3.44	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:58:20	DataFile Name :	006CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	43.78	47.24	45.61	45.54	3.80	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:02:23	DataFile Name :	007CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2442.20	2436.91	2542.81	2473.97	2.41	ppb
Antimony	121-1	126.24	127.47	127.07	126.93	0.49	ppb
Arsenic	75-2	125.43	123.02	128.46	125.64	2.17	ppb
Barium	135-1	637.34	636.23	635.39	636.32	0.15	ppb
Barium	137-1	651.05	649.06	645.32	648.48	0.45	ppb
Beryllium	9-1	127.20	126.00	127.20	126.80	0.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	126.21	120.04	121.32	122.52	2.66	ppb
Boron	11-1	119.69	120.02	122.01	120.58	1.04	ppb
Cadmium	111-1	132.03	130.81	129.69	130.84	0.90	ppb
Cadmium	106-1	132.44	129.90	126.79	129.71	2.18	ppb
Cadmium	108-1	129.54	130.83	130.80	130.39	0.57	ppb
Calcium	43-1	12430.53	12520.86	12686.88	12546.09	1.04	ppb
Calcium	44-1	12466.36	12518.74	12596.99	12527.37	0.52	ppb
Chromium	52-2	125.72	123.55	130.24	126.50	2.70	ppb
Cobalt	59-2	126.04	124.47	131.70	127.40	2.98	ppb
Copper	63-2	258.10	254.95	267.46	260.17	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6446.04	6334.54	6691.30	6490.63	2.81	ppb
Iron	57-2	6370.17	6382.90	6631.19	6461.42	2.28	ppb
Lead	206-1	124.80	127.73	124.07	125.53	1.55	ppb
Lead	207-1	122.19	125.06	122.51	123.25	1.27	ppb
Lead	208-1	124.79	127.64	124.17	125.54	1.48	ppb
Lithium	6-1						%
Magnesium	24-2	12634.22	12434.89	13033.68	12700.93	2.40	ppb
Manganese	55-2	251.21	245.87	258.31	251.80	2.48	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:02:23	DataFile Name :	007CAL5_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	120.96	122.36	121.72	121.68	0.57	ppb
Molybdenum	95-1	125.33	125.66	124.62	125.20	0.42	ppb
Molybdenum	96-1	124.57	123.39	124.15	124.04	0.48	ppb
Molybdenum	97-1	126.57	125.47	125.03	125.69	0.63	ppb
Molybdenum	98-1	126.72	126.40	126.93	126.68	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.49	127.11	134.08	129.89	2.84	ppb
Phosphorus	31-2	2493.29	2518.45	2591.41	2534.38	2.01	ppb
Potassium	39-2	6114.93	6019.88	6298.71	6144.51	2.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	123.54	122.58	123.98	123.36	0.58	ppb
Selenium	78-2	126.88	124.72	128.78	126.79	1.60	ppb
Selenium	82-1	131.09	129.81	130.23	130.38	0.50	ppb
Silicon	28-1	145.65	149.55	149.23	148.14	1.46	ppb
Silver	109-1	132.10	130.41	129.51	130.67	1.01	ppb
Silver	107-1	131.42	131.36	131.09	131.29	0.13	ppb
Sodium	23-2	12299.00	12181.01	12764.97	12414.99	2.49	ppb
Strontium	86-1	125.90	125.44	126.04	125.79	0.25	ppb
Strontium	88-1	130.09	129.35	128.37	129.27	0.67	ppb
Sulfur	34-1	2036.50	2300.66	2135.35	2157.50	6.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	122.55	127.10	122.85	124.17	2.05	ppb
Thallium	205-1	126.26	129.90	126.09	127.42	1.69	ppb
Tin	118-1	127.69	127.71	126.96	127.46	0.34	ppb
Titanium	47-1	125.41	126.80	128.26	126.83	1.12	ppb
Uranium	238-1	125.18	128.75	124.74	126.22	1.74	ppb
Vanadium	51-2	123.89	122.18	127.78	124.61	2.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	262.30	253.46	273.17	262.98	3.75	ppb
Zirconium	90-1	119.24	119.11	119.25	119.20	0.07	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:02:23	DataFile Name :	007CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	119.09	118.65	118.70	118.81	0.20	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:06:06	DataFile Name :	008CAL5_P7071217 -M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4935.15	4998.09	5007.58	4980.28	0.79	ppb
Antimony	121-1	246.26	254.54	252.90	251.23	1.75	ppb
Arsenic	75-2	250.60	250.86	251.50	250.99	0.18	ppb
Barium	135-1	1237.10	1277.95	1265.13	1260.06	1.66	ppb
Barium	137-1	1263.02	1304.95	1296.59	1288.18	1.72	ppb
Beryllium	9-1	247.61	251.08	248.53	249.07	0.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	237.32	248.19	249.46	244.99	2.72	ppb
Boron	11-1	240.36	244.42	244.13	242.97	0.93	ppb
Cadmium	111-1	251.29	260.05	256.75	256.03	1.73	ppb
Cadmium	106-1	249.48	258.86	258.40	255.58	2.07	ppb
Cadmium	108-1	253.40	259.74	254.73	255.96	1.31	ppb
Calcium	43-1	24364.50	24817.29	24386.83	24522.87	1.04	ppb
Calcium	44-1	24257.75	25088.45	24338.10	24561.44	1.87	ppb
Chromium	52-2	253.61	258.47	256.44	256.18	0.95	ppb
Cobalt	59-2	256.22	261.00	258.79	258.67	0.92	ppb
Copper	63-2	512.85	526.29	521.71	520.29	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	13126.58	13179.95	13185.43	13163.99	0.25	ppb
Iron	57-2	13068.65	13197.18	13225.59	13163.81	0.64	ppb
Lead	206-1	251.61	248.05	246.42	248.70	1.07	ppb
Lead	207-1	245.75	241.13	241.74	242.87	1.03	ppb
Lead	208-1	251.43	247.21	246.78	248.47	1.03	ppb
Lithium	6-1						%
Magnesium	24-2	25221.23	25652.41	25632.16	25501.93	0.95	ppb
Manganese	55-2	504.61	515.78	512.64	511.01	1.13	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:06:06	DataFile Name :	008CAL5_P7071217 -M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	243.84	243.67	242.40	243.30	0.32	ppb
Molybdenum	95-1	244.17	246.59	242.55	244.44	0.83	ppb
Molybdenum	96-1	244.42	247.79	242.33	244.85	1.12	ppb
Molybdenum	97-1	247.57	249.26	243.61	246.81	1.17	ppb
Molybdenum	98-1	248.55	251.19	245.91	248.55	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.77	265.96	263.01	263.25	0.99	ppb
Phosphorus	31-2	5086.53	5131.75	5196.34	5138.21	1.07	ppb
Potassium	39-2	12332.06	12600.08	12538.54	12490.23	1.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	247.73	268.29	245.57	253.86	4.94	ppb
Selenium	78-2	261.09	250.91	259.71	257.24	2.15	ppb
Selenium	82-1	253.44	259.49	252.78	255.24	1.45	ppb
Silicon	28-1	283.11	291.04	283.52	285.89	1.56	ppb
Silver	109-1	251.94	260.02	253.90	255.29	1.65	ppb
Silver	107-1	253.48	259.87	258.29	257.21	1.29	ppb
Sodium	23-2	24832.05	25484.49	25201.61	25172.72	1.30	ppb
Strontium	86-1	247.69	248.91	245.41	247.34	0.72	ppb
Strontium	88-1	247.42	251.94	247.15	248.84	1.08	ppb
Sulfur	34-1	4313.32	4518.03	4342.61	4391.32	2.52	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	250.15	244.83	245.00	246.66	1.23	ppb
Thallium	205-1	257.49	253.23	252.47	254.40	1.06	ppb
Tin	118-1	248.98	253.59	253.85	252.14	1.09	ppb
Titanium	47-1	245.51	250.71	248.22	248.14	1.05	ppb
Uranium	238-1	246.94	241.92	238.59	242.48	1.73	ppb
Vanadium	51-2	250.11	254.17	255.08	253.12	1.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	521.88	531.63	527.80	527.10	0.93	ppb
Zirconium	90-1	244.20	245.01	242.12	243.78	0.61	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:06:06	DataFile Name :	008CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	240.57	242.49	237.19	240.08	1.12	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:09:46	DataFile Name :	009CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9825.50	9840.43	9873.63	9846.52	0.25	ppb
Antimony	121-1	498.51	505.27	511.49	505.09	1.29	ppb
Arsenic	75-2	500.70	496.85	498.46	498.67	0.39	ppb
Barium	135-1	2520.10	2542.55	2567.21	2543.28	0.93	ppb
Barium	137-1	2466.78	2496.65	2527.82	2497.08	1.22	ppb
Beryllium	9-1	498.64	498.48	499.17	498.77	0.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	488.95	499.46	501.80	496.73	1.38	ppb
Boron	11-1	485.33	491.53	503.33	493.40	1.85	ppb
Cadmium	111-1	501.41	503.65	510.39	505.15	0.93	ppb
Cadmium	106-1	500.45	501.18	514.79	505.47	1.60	ppb
Cadmium	108-1	503.70	516.58	516.23	512.17	1.43	ppb
Calcium	43-1	49317.88	48869.08	49114.25	49100.40	0.46	ppb
Calcium	44-1	49236.56	49009.38	49295.15	49180.36	0.31	ppb
Chromium	52-2	504.68	506.15	506.49	505.78	0.19	ppb
Cobalt	59-2	508.13	505.61	506.86	506.87	0.25	ppb
Copper	63-2	1021.29	1022.69	1024.16	1022.71	0.14	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	25928.86	25983.23	25980.66	25964.25	0.12	ppb
Iron	57-2	26070.17	25876.45	25963.92	25970.18	0.37	ppb
Lead	206-1	501.60	503.91	504.87	503.46	0.33	ppb
Lead	207-1	492.16	492.37	495.81	493.45	0.42	ppb
Lead	208-1	492.97	495.83	498.09	495.63	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	50057.38	50003.96	50004.31	50021.88	0.06	ppb
Manganese	55-2	1008.68	1011.59	1009.17	1009.81	0.15	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:09:46	DataFile Name :	009CAL5_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.03	498.81	499.55	500.80	0.56	ppb
Molybdenum	95-1	501.61	490.32	495.94	495.96	1.14	ppb
Molybdenum	96-1	502.35	494.61	495.10	497.35	0.87	ppb
Molybdenum	97-1	500.26	494.05	489.36	494.55	1.11	ppb
Molybdenum	98-1	505.42	502.46	499.94	502.60	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.26	513.05	512.38	512.90	0.09	ppb
Phosphorus	31-2	10165.82	10015.88	10462.08	10214.59	2.22	ppb
Potassium	39-2	24530.23	24308.40	24397.98	24412.20	0.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	494.41	503.31	496.30	498.00	0.94	ppb
Selenium	78-2	508.38	505.95	511.36	508.56	0.53	ppb
Selenium	82-1	502.91	498.69	505.60	502.40	0.69	ppb
Silicon	28-1	570.61	570.23	570.44	570.43	0.03	ppb
Silver	109-1	504.35	504.61	513.38	507.45	1.01	ppb
Silver	107-1	509.13	511.00	517.30	512.48	0.83	ppb
Sodium	23-2	49635.23	48982.75	49377.08	49331.69	0.67	ppb
Strontium	86-1	493.96	495.49	495.15	494.87	0.16	ppb
Strontium	88-1	498.01	497.01	500.23	498.42	0.33	ppb
Sulfur	34-1	9699.99	9866.90	9756.94	9774.61	0.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	506.42	494.73	497.60	499.58	1.22	ppb
Thallium	205-1	493.40	490.90	488.09	490.80	0.54	ppb
Tin	118-1	499.68	505.89	512.04	505.87	1.22	ppb
Titanium	47-1	497.85	502.69	499.06	499.87	0.50	ppb
Uranium	238-1	490.64	488.41	489.42	489.49	0.23	ppb
Vanadium	51-2	503.24	504.81	504.36	504.14	0.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1032.30	1033.26	1028.77	1031.44	0.23	ppb
Zirconium	90-1	495.67	491.01	490.40	492.36	0.59	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:09:46	DataFile Name :	009CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.65	488.20	489.53	492.46	1.27	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:13:22	DataFile Name :	010CAL5_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19036.17	19514.63	19295.33	19282.04	1.24	ppb
Antimony	121-1	993.11	994.85	1002.78	996.91	0.52	ppb
Arsenic	75-2	995.42	1009.12	996.43	1000.32	0.76	ppb
Barium	135-1	4942.45	4982.06	4998.70	4974.40	0.58	ppb
Barium	137-1	4972.60	5022.26	4971.36	4988.74	0.58	ppb
Beryllium	9-1	1000.71	1001.70	999.35	1000.58	0.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	981.47	999.43	1028.93	1003.27	2.39	ppb
Boron	11-1	997.33	998.15	1021.88	1005.79	1.39	ppb
Cadmium	111-1	992.89	995.71	996.63	995.08	0.20	ppb
Cadmium	106-1	993.35	997.24	994.98	995.19	0.20	ppb
Cadmium	108-1	1003.18	976.38	995.44	991.66	1.39	ppb
Calcium	43-1	98644.10	97739.35	98226.27	98203.24	0.46	ppb
Calcium	44-1	98148.40	97612.72	97587.28	97782.80	0.32	ppb
Chromium	52-2	983.85	1011.29	990.91	995.35	1.43	ppb
Cobalt	59-2	984.29	1006.97	990.84	994.03	1.17	ppb
Copper	63-2	1957.15	2007.19	1981.93	1982.09	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50207.32	51336.61	50154.50	50566.14	1.32	ppb
Iron	57-2	50023.10	51501.53	50687.86	50737.49	1.46	ppb
Lead	206-1	1000.67	1001.88	992.91	998.49	0.49	ppb
Lead	207-1	1006.31	1003.82	1005.74	1005.29	0.13	ppb
Lead	208-1	1001.03	1005.51	1000.88	1002.47	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	95816.36	97824.98	95872.99	96504.77	1.19	ppb
Manganese	55-2	1962.43	2028.74	1985.01	1992.06	1.69	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:13:22	DataFile Name :	010CAL5_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1010.11	1003.57	991.89	1001.85	0.92	ppb
Molybdenum	95-1	1010.37	1002.52	997.30	1003.40	0.66	ppb
Molybdenum	96-1	1009.23	998.74	1000.49	1002.82	0.56	ppb
Molybdenum	97-1	1005.94	1004.84	999.60	1003.46	0.34	ppb
Molybdenum	98-1	998.59	1007.25	990.73	998.86	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	982.63	997.79	988.12	989.51	0.78	ppb
Phosphorus	31-2	19310.93	20442.81	19808.45	19854.06	2.86	ppb
Potassium	39-2	47942.57	48909.31	48316.14	48389.34	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1014.16	1025.11	961.71	1000.33	3.39	ppb
Selenium	78-2	995.54	989.15	996.39	993.69	0.40	ppb
Selenium	82-1	1002.65	998.26	989.29	996.73	0.68	ppb
Silicon	28-1	957.76	944.48	955.36	952.53	0.74	ppb
Silver	109-1	993.54	988.59	1000.28	994.14	0.59	ppb
Silver	107-1	989.39	1000.69	983.05	991.05	0.90	ppb
Sodium	23-2	95638.42	97832.32	95924.54	96465.09	1.24	ppb
Strontium	86-1	1005.21	1005.37	998.79	1003.12	0.37	ppb
Strontium	88-1	1004.51	1006.48	990.53	1000.51	0.87	ppb
Sulfur	34-1	20408.55	20212.09	20313.20	20311.28	0.48	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	992.75	1002.91	1007.86	1001.17	0.77	ppb
Thallium	205-1	1000.10	999.60	1009.81	1003.17	0.57	ppb
Tin	118-1	988.36	1000.22	1000.07	996.21	0.68	ppb
Titanium	47-1	1007.01	997.38	996.43	1000.27	0.58	ppb
Uranium	238-1	1005.86	1010.78	1004.42	1007.02	0.33	ppb
Vanadium	51-2	985.71	1013.42	992.52	997.22	1.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1949.33	2008.11	1969.41	1975.61	1.51	ppb
Zirconium	90-1	1014.75	1007.56	996.68	1006.33	0.90	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:13:22	DataFile Name :	010CALS_P7071217 -M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1015.12	1011.67	994.95	1007.25	1.07	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:16:52	DataFile Name :	011CALS_P7071217 -M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101064.25	99987.32	99430.28	100160.62	0.83	ppb
Antimony	121-1	3.73	3.55	3.72	3.67	2.84	ppb
Arsenic	75-2	0.83	0.70	0.91	0.81	13.32	ppb
Barium	135-1	2.61	2.39	2.32	2.44	6.23	ppb
Barium	137-1	2.43	2.43	2.36	2.41	1.71	ppb
Beryllium	9-1	0.91	0.74	0.77	0.80	11.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	69.39	66.58	62.21	66.06	5.48	ppb
Boron	11-1	69.16	64.16	57.92	63.74	8.83	ppb
Cadmium	111-1	0.40	0.23	0.22	0.29	34.95	ppb
Cadmium	106-1	2.02	-0.57	0.21	0.55	238.86	ppb
Cadmium	108-1	0.34	0.28	0.30	0.31	9.82	ppb
Calcium	43-1	503406.37	507444.78	490565.68	500472.28	1.76	ppb
Calcium	44-1	507115.12	503849.59	490674.48	500546.39	1.74	ppb
Chromium	52-2	25.63	25.13	24.73	25.16	1.78	ppb
Cobalt	59-2	1.76	1.72	1.70	1.73	1.61	ppb
Copper	63-2	4.12	4.07	4.23	4.14	1.89	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	249255.80	250794.98	249199.40	249750.06	0.36	ppb
Iron	57-2	249937.54	250943.93	248267.03	249716.17	0.54	ppb
Lead	206-1	2.34	2.26	2.30	2.30	1.72	ppb
Lead	207-1	2.10	2.08	2.06	2.08	0.75	ppb
Lead	208-1	2.20	2.20	2.19	2.20	0.19	ppb
Lithium	6-1						%
Magnesium	24-2	504930.21	501192.52	495875.51	500666.08	0.91	ppb
Manganese	55-2	8.70	8.63	8.76	8.69	0.77	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:16:52	DataFile Name :	011CAL5_P7071217 -M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.75	1.77	1.73	1.75	1.25	ppb
Molybdenum	95-1	4.70	4.83	4.57	4.70	2.72	ppb
Molybdenum	96-1	5.24	5.14	5.03	5.14	2.05	ppb
Molybdenum	97-1	4.74	4.96	4.52	4.74	4.71	ppb
Molybdenum	98-1	4.59	4.81	4.44	4.62	4.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.17	15.20	15.34	15.24	0.60	ppb
Phosphorus	31-2	10.87	2.77	3.96	5.87	74.52	ppb
Potassium	39-2	251945.62	249673.33	249534.90	250384.62	0.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.06	1.52	0.00	1.19	89.45	ppb
Selenium	78-2	1.19	2.01	2.92	2.04	42.60	ppb
Selenium	82-1	0.96	2.19	1.36	1.51	41.69	ppb
Silicon	28-1	49.45	51.00	49.99	50.15	1.56	ppb
Silver	109-1	0.20	0.20	0.20	0.20	1.09	ppb
Silver	107-1	0.20	0.18	0.19	0.19	7.16	ppb
Sodium	23-2	504563.45	501650.97	496086.37	500766.93	0.86	ppb
Strontium	86-1	34.49	34.79	33.34	34.20	2.24	ppb
Strontium	88-1	35.06	35.14	33.78	34.66	2.19	ppb
Sulfur	34-1	-488.71	-781.19	-847.24	-705.71		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.70	0.66	0.65	0.67	3.89	ppb
Thallium	205-1	0.70	0.70	0.66	0.68	3.45	ppb
Tin	118-1	1.50	1.43	1.32	1.42	6.34	ppb
Titanium	47-1	1.82	2.50	1.74	2.02	20.65	ppb
Uranium	238-1	0.25	0.23	0.23	0.24	4.81	ppb
Vanadium	51-2	0.76	0.77	0.68	0.74	6.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.12	12.50	12.82	12.81	2.41	ppb
Zirconium	90-1	0.37	0.33	0.34	0.34	5.89	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:16:52	DataFile Name :	011CALS_P7071217 -MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.36	0.30	0.33	9.51	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:28:55	DataFile Name :	013ICV01_P7071217 -M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	467.80	457.31	470.13	465.08	1.47	ppb
Antimony	121-1	187.15	193.52	194.50	191.72	2.08	ppb
Arsenic	75-2	194.58	190.85	191.87	192.43	1.00	ppb
Barium	135-1	97.07	99.26	99.34	98.56	1.31	ppb
Barium	137-1	97.65	99.50	99.40	98.85	1.05	ppb
Beryllium	9-1	96.57	98.56	98.18	97.77	1.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	552.43	568.62	557.71	559.59	1.48	ppb
Boron	11-1	554.29	567.95	562.52	561.58	1.22	ppb
Cadmium	111-1	102.42	104.39	104.14	103.65	1.04	ppb
Cadmium	106-1	171.16	176.44	174.93	174.18	1.56	ppb
Cadmium	108-1	138.55	142.37	146.24	142.39	2.70	ppb
Calcium	43-1	2066.56	2113.16	2114.17	2097.96	1.30	ppb
Calcium	44-1	1965.83	2056.48	2013.57	2011.96	2.25	ppb
Chromium	52-2	94.85	94.44	95.50	94.93	0.56	ppb
Cobalt	59-2	98.43	98.06	98.53	98.34	0.25	ppb
Copper	63-2	99.17	98.77	100.91	99.62	1.14	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	1001.61	998.49	1011.10	1003.73	0.65	ppb
Iron	57-2	990.37	1004.09	997.79	997.42	0.69	ppb
Lead	206-1	193.40	197.04	196.38	195.60	0.99	ppb
Lead	207-1	183.61	186.41	184.75	184.92	0.76	ppb
Lead	208-1	190.32	193.45	192.61	192.13	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	1126.34	1135.40	1138.25	1133.33	0.55	ppb
Manganese	55-2	95.61	96.86	97.07	96.52	0.82	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:28:55	DataFile Name :	013ICV01_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	459.21	471.99	463.41	464.87	1.40	ppb
Molybdenum	95-1	450.70	461.28	452.21	454.73	1.26	ppb
Molybdenum	96-1	453.24	460.70	456.19	456.71	0.82	ppb
Molybdenum	97-1	447.67	460.56	452.98	453.74	1.43	ppb
Molybdenum	98-1	452.45	466.43	460.46	459.78	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.37	99.34	100.04	99.92	0.52	ppb
Phosphorus	31-2	-3.92	5.21	-9.16	-2.62		ppb
Potassium	39-2	1890.17	1868.63	1898.71	1885.84	0.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	185.22	188.35	194.30	189.29	2.44	ppb
Selenium	78-2	207.92	201.60	201.24	203.59	1.85	ppb
Selenium	82-1	197.30	203.64	201.04	200.66	1.59	ppb
Silicon	28-1	515.86	541.49	534.33	530.56	2.49	ppb
Silver	109-1	98.38	100.68	100.58	99.88	1.30	ppb
Silver	107-1	100.27	101.95	102.95	101.72	1.33	ppb
Sodium	23-2	1930.69	1903.77	1913.93	1916.13	0.71	ppb
Strontium	86-1	450.15	465.65	459.55	458.45	1.70	ppb
Strontium	88-1	453.20	471.79	463.62	462.87	2.01	ppb
Sulfur	34-1	-977.49	-699.88	-900.19	-859.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	192.98	196.64	195.77	195.13	0.98	ppb
Thallium	205-1	197.68	203.00	200.90	200.53	1.34	ppb
Tin	118-1	469.39	479.57	482.49	477.15	1.44	ppb
Titanium	47-1	447.48	468.93	463.19	459.87	2.41	ppb
Uranium	238-1	439.99	453.23	441.79	445.00	1.61	ppb
Vanadium	51-2	94.82	95.39	95.58	95.26	0.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	201.23	199.71	202.30	201.08	0.65	ppb
Zirconium	90-1	460.40	470.14	462.85	464.46	1.09	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:28:55	DataFile Name :	013ICV01_P7071217 -M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	455.19	463.30	461.82	460.10	0.94	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:34:47	DataFile Name :	014CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	-0.13	-0.03	-0.24		ppb
Antimony	121-1	0.30	0.30	0.32	0.31	2.94	ppb
Arsenic	75-2	0.06	0.08	0.04	0.06	33.19	ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.20	0.22	0.25	0.22	12.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.66	12.06	13.82	13.18	7.40	ppb
Boron	11-1	13.80	12.86	12.59	13.08	4.87	ppb
Cadmium	111-1	-0.05	-0.08	0.03	-0.03		ppb
Cadmium	106-1	-0.61	-1.04	0.44	-0.40		ppb
Cadmium	108-1	0.04	0.04	-0.02	0.02	180.04	ppb
Calcium	43-1	0.37	3.28	3.64	2.43	73.67	ppb
Calcium	44-1	4.36	1.23	1.48	2.35	73.86	ppb
Chromium	52-2	0.03	0.00	0.07	0.03	109.71	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.07	0.08	0.07	0.07	12.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.45	2.53	2.55	2.51	2.17	ppb
Iron	57-2	3.79	1.11	1.70	2.20	64.10	ppb
Lead	206-1	0.07	0.05	0.04	0.06	29.30	ppb
Lead	207-1	0.06	0.06	0.05	0.06	12.72	ppb
Lead	208-1	0.07	0.07	0.05	0.06	16.58	ppb
Lithium	6-1						%
Magnesium	24-2	-6.74	-8.40	-6.98	-7.37		ppb
Manganese	55-2	-0.11	-0.11	-0.12	-0.11		ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:34:47	DataFile Name :	014CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.07	0.06	10.93	ppb
Molybdenum	95-1	0.12	0.12	0.11	0.12	5.25	ppb
Molybdenum	96-1	0.09	0.09	0.11	0.10	14.00	ppb
Molybdenum	97-1	0.11	0.15	0.13	0.13	13.57	ppb
Molybdenum	98-1	0.10	0.10	0.11	0.10	4.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.16	-0.21	-0.21		ppb
Phosphorus	31-2	1.31	9.72	-5.66	1.79	429.90	ppb
Potassium	39-2	27.60	20.40	18.33	22.11	22.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.55	0.55	0.37	86.60	ppb
Selenium	78-2	0.36	1.01	1.64	1.01	63.57	ppb
Selenium	82-1	-1.08	0.34	0.33	-0.14		ppb
Silicon	28-1	8.49	6.35	5.31	6.71	24.14	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.43	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.68	ppb
Sodium	23-2	16.45	15.47	14.52	15.48	6.25	ppb
Strontium	86-1	0.02	0.03	0.06	0.04	63.29	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	186.37	ppb
Sulfur	34-1	256.69	15.82	21.36	97.96	140.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.03	0.03	15.75	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	10.40	ppb
Tin	118-1	0.25	0.28	0.24	0.26	7.94	ppb
Titanium	47-1	0.03	0.01	-0.02	0.01	371.23	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.15	0.14	0.20	49.06	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	6.18	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:34:47	DataFile Name :	014CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.07	0.06	13.18	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 13:38:16 DataFile Name : 015ICSA01_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90670.85	89916.80	89877.56	90155.07	0.50	ppb
Antimony	121-1	1.41	1.36	1.47	1.41	3.89	ppb
Arsenic	75-2	0.33	0.32	0.41	0.35	13.34	ppb
Barium	135-1	1.46	1.41	1.43	1.43	1.59	ppb
Barium	137-1	1.55	1.37	1.52	1.48	6.51	ppb
Beryllium	9-1	0.40	0.35	0.45	0.40	12.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.30	9.89	9.35	9.84	4.86	ppb
Boron	11-1	10.52	10.76	10.48	10.59	1.46	ppb
Cadmium	111-1	0.30	0.32	0.51	0.38	30.27	ppb
Cadmium	106-1	-1.16	-1.21	0.30	-0.69		ppb
Cadmium	108-1	11.14	10.78	11.45	11.12	3.02	ppb
Calcium	43-1	94174.15	94993.95	94219.18	94462.43	0.49	ppb
Calcium	44-1	95188.20	95795.78	94195.44	95059.81	0.85	ppb
Chromium	52-2	19.52	19.22	18.95	19.23	1.51	ppb
Cobalt	59-2	1.14	1.14	1.16	1.15	1.04	ppb
Copper	63-2	8.09	7.75	7.91	7.92	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100284.48	98596.60	98361.15	99080.75	1.06	ppb
Iron	57-2	100346.43	100110.75	99538.81	99998.66	0.42	ppb
Lead	206-1	4.81	4.75	4.68	4.74	1.31	ppb
Lead	207-1	4.03	4.04	4.00	4.03	0.52	ppb
Lead	208-1	4.40	4.33	4.28	4.34	1.31	ppb
Lithium	6-1						%
Magnesium	24-2	94330.98	93141.77	93159.27	93544.00	0.73	ppb
Manganese	55-2	7.65	7.47	7.35	7.49	2.01	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:38:16	DataFile Name :	015ICSA01_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	596.99	603.37	592.43	597.59	0.92	ppb
Molybdenum	95-1	1907.88	1928.58	1900.91	1912.46	0.75	ppb
Molybdenum	96-1	1568.81	1594.37	1564.23	1575.80	1.03	ppb
Molybdenum	97-1	1914.73	1936.86	1898.13	1916.57	1.01	ppb
Molybdenum	98-1	1907.16	1937.41	1887.38	1910.65	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.84	4.77	4.78	4.80	0.81	ppb
Phosphorus	31-2	97424.35	97269.93	96585.67	97093.32	0.46	ppb
Potassium	39-2	95347.23	94831.53	94032.59	94737.12	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.50	0.00	0.00	0.17	173.21	ppb
Selenium	78-2	1.17	1.23	0.49	0.96	42.68	ppb
Selenium	82-1	-1.07	-0.62	0.04	-0.55		ppb
Silicon	28-1	25.76	26.58	25.66	26.00	1.95	ppb
Silver	109-1	0.11	0.12	0.12	0.11	5.72	ppb
Silver	107-1	0.10	0.12	0.12	0.12	10.08	ppb
Sodium	23-2	95256.76	94997.33	94311.96	94855.35	0.51	ppb
Strontium	86-1	32.70	33.54	32.05	32.77	2.28	ppb
Strontium	88-1	33.14	33.92	33.29	33.45	1.24	ppb
Sulfur	34-1	103985.22	104426.08	103358.19	103923.16	0.52	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.08	0.07	0.08	7.48	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	7.46	ppb
Tin	118-1	0.40	0.38	0.37	0.38	3.47	ppb
Titanium	47-1	1917.13	1941.42	1923.45	1927.33	0.65	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	101.81	ppb
Vanadium	51-2	0.13	0.15	0.18	0.15	17.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.95	12.78	12.26	12.66	2.85	ppb
Zirconium	90-1	0.53	0.48	0.41	0.48	12.89	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:38:16	DataFile Name :	015ICSA01_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.50	0.51	0.48	0.50	3.34	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:41:43	DataFile Name :	016ICSB_P7071217 -MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90899.80	89948.08	86918.28	89255.38	2.33	ppb
Antimony	121-1	20.24	20.28	19.93	20.15	0.94	ppb
Arsenic	75-2	19.33	19.48	19.26	19.36	0.56	ppb
Barium	135-1	21.10	21.61	21.04	21.25	1.49	ppb
Barium	137-1	21.49	21.33	20.88	21.23	1.50	ppb
Beryllium	9-1	20.16	20.89	20.43	20.49	1.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	56.31	56.67	53.97	55.65	2.64	ppb
Boron	11-1	55.22	57.32	56.34	56.30	1.86	ppb
Cadmium	111-1	19.74	19.84	19.20	19.59	1.74	ppb
Cadmium	106-1	22.82	24.41	22.55	23.26	4.32	ppb
Cadmium	108-1	31.94	34.37	31.92	32.74	4.30	ppb
Calcium	43-1	92889.09	94847.63	94283.66	94006.79	1.07	ppb
Calcium	44-1	93211.43	95355.03	94259.43	94275.30	1.14	ppb
Chromium	52-2	38.77	38.50	37.51	38.26	1.73	ppb
Cobalt	59-2	20.91	20.75	19.93	20.53	2.55	ppb
Copper	63-2	27.66	27.41	26.90	27.32	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100587.40	98846.49	95493.57	98309.15	2.63	ppb
Iron	57-2	101021.16	99954.94	96886.91	99287.67	2.16	ppb
Lead	206-1	25.29	25.23	24.51	25.01	1.73	ppb
Lead	207-1	22.62	22.51	21.90	22.34	1.76	ppb
Lead	208-1	23.59	23.84	23.08	23.50	1.64	ppb
Lithium	6-1						%
Magnesium	24-2	94495.00	93345.59	90409.04	92749.87	2.27	ppb
Manganese	55-2	27.91	27.08	26.22	27.07	3.12	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:41:43	DataFile Name :	016ICSB_P7071217 -MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	644.55	656.48	634.28	645.10	1.72	ppb
Molybdenum	95-1	1927.07	1986.97	1901.86	1938.63	2.26	ppb
Molybdenum	96-1	1616.74	1661.74	1605.80	1628.09	1.82	ppb
Molybdenum	97-1	1942.49	1984.89	1922.63	1950.01	1.63	ppb
Molybdenum	98-1	1950.65	1984.81	1901.57	1945.68	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.66	24.64	23.59	24.30	2.51	ppb
Phosphorus	31-2	98225.68	98099.99	93659.24	96661.64	2.69	ppb
Potassium	39-2	96311.24	95296.42	92266.36	94624.67	2.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	17.32	20.90	25.90	21.37	20.17	ppb
Selenium	78-2	20.73	21.64	18.19	20.18	8.86	ppb
Selenium	82-1	20.33	19.08	20.05	19.82	3.31	ppb
Silicon	28-1	80.24	85.34	82.86	82.82	3.08	ppb
Silver	109-1	18.26	18.60	18.02	18.29	1.61	ppb
Silver	107-1	18.70	18.98	18.17	18.62	2.19	ppb
Sodium	23-2	95534.08	94854.72	91620.80	94003.20	2.22	ppb
Strontium	86-1	80.41	81.05	78.35	79.94	1.77	ppb
Strontium	88-1	81.72	83.44	79.76	81.64	2.26	ppb
Sulfur	34-1	100882.20	103502.92	103362.65	102582.59	1.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.94	20.23	19.50	19.89	1.85	ppb
Thallium	205-1	20.20	20.44	19.88	20.17	1.37	ppb
Tin	118-1	47.68	48.50	47.04	47.74	1.54	ppb
Titanium	47-1	1930.54	1988.32	1978.98	1965.94	1.58	ppb
Uranium	238-1	48.79	49.35	47.94	48.69	1.45	ppb
Vanadium	51-2	19.62	19.41	18.82	19.28	2.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.95	32.50	31.27	32.24	2.70	ppb
Zirconium	90-1	47.31	48.34	47.01	47.56	1.47	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:41:43	DataFile Name :	016ICSB_P7071217 -MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.52	48.69	46.93	47.71	1.87	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:45:10	DataFile Name :	017CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50222.60	50016.33	50010.49	50083.14	0.24	ppb
Antimony	121-1	491.16	486.04	486.27	487.82	0.59	ppb
Arsenic	75-2	493.75	490.23	492.90	492.30	0.37	ppb
Barium	135-1	2533.58	2485.18	2514.06	2510.94	0.97	ppb
Barium	137-1	2503.65	2445.54	2511.82	2487.00	1.45	ppb
Beryllium	9-1	519.26	524.44	522.89	522.20	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	510.61	534.43	525.20	523.41	2.30	ppb
Boron	11-1	510.93	523.35	526.45	520.25	1.58	ppb
Cadmium	111-1	485.69	472.94	479.72	479.45	1.33	ppb
Cadmium	106-1	477.85	471.92	481.21	477.00	0.99	ppb
Cadmium	108-1	485.83	478.23	481.79	481.95	0.79	ppb
Calcium	43-1	241618.65	245299.72	242252.49	243056.95	0.81	ppb
Calcium	44-1	240021.52	246182.34	239718.62	241974.16	1.51	ppb
Chromium	52-2	512.86	507.74	506.34	508.98	0.67	ppb
Cobalt	59-2	487.26	486.03	486.35	486.55	0.13	ppb
Copper	63-2	950.06	948.36	948.31	948.91	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	125310.26	123822.75	123661.62	124264.88	0.73	ppb
Iron	57-2	123374.48	123432.39	123188.33	123331.73	0.10	ppb
Lead	206-1	505.09	504.66	505.25	505.00	0.06	ppb
Lead	207-1	496.12	496.19	494.56	495.62	0.19	ppb
Lead	208-1	502.36	504.27	501.86	502.83	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	245155.66	243691.13	243658.56	244168.45	0.35	ppb
Manganese	55-2	1000.26	993.98	991.04	995.09	0.47	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:45:10	DataFile Name :	017CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	486.68	485.46	494.38	488.84	0.99	ppb
Molybdenum	95-1	492.77	489.22	496.99	492.99	0.79	ppb
Molybdenum	96-1	491.70	486.13	498.11	491.98	1.22	ppb
Molybdenum	97-1	488.76	489.45	500.31	492.84	1.32	ppb
Molybdenum	98-1	497.50	494.34	501.11	497.65	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.83	488.13	486.18	487.71	0.28	ppb
Phosphorus	31-2	10099.20	10186.13	10282.58	10189.31	0.90	ppb
Potassium	39-2	124872.77	122988.85	123731.10	123864.24	0.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	478.66	504.77	462.24	481.89	4.45	ppb
Selenium	78-2	495.95	478.12	495.74	489.94	2.09	ppb
Selenium	82-1	479.68	474.17	484.55	479.47	1.08	ppb
Silicon	28-1	571.86	587.94	576.24	578.68	1.44	ppb
Silver	109-1	485.76	475.96	482.88	481.53	1.05	ppb
Silver	107-1	487.80	480.40	486.98	485.06	0.84	ppb
Sodium	23-2	247951.03	245676.23	245600.41	246409.22	0.54	ppb
Strontium	86-1	500.83	494.37	508.89	501.36	1.45	ppb
Strontium	88-1	508.80	498.48	507.59	504.96	1.12	ppb
Sulfur	34-1	9277.56	9602.12	9191.60	9357.09	2.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	501.86	505.65	498.69	502.07	0.69	ppb
Thallium	205-1	501.42	506.16	499.28	502.29	0.70	ppb
Tin	118-1	499.67	490.70	496.38	495.59	0.92	ppb
Titanium	47-1	487.19	500.90	489.48	492.53	1.49	ppb
Uranium	238-1	515.47	514.83	513.72	514.67	0.17	ppb
Vanadium	51-2	506.45	501.67	503.80	503.98	0.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	946.61	946.69	946.26	946.52	0.02	ppb
Zirconium	90-1	481.32	481.63	487.67	483.54	0.74	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:45:10	DataFile Name :	017CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	472.37	477.86	479.97	476.73	0.82	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 13:49:37 DataFile Name : 018CCBE_P7071217 -M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	0.70	0.86	0.77	10.59	ppb
Antimony	121-1	0.72	0.69	0.71	0.71	2.49	ppb
Arsenic	75-2	0.11	0.11	0.15	0.12	16.48	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.37	0.32	0.27	0.32	15.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.80	17.54	15.31	17.22	10.27	ppb
Boron	11-1	17.78	18.45	16.68	17.63	5.08	ppb
Cadmium	111-1	-0.07	-0.05	0.09	-0.01		ppb
Cadmium	106-1	-1.08	-0.64	1.14	-0.19		ppb
Cadmium	108-1	-0.08	0.10	0.03	0.02	493.96	ppb
Calcium	43-1	0.19	0.04	0.58	0.27	102.79	ppb
Calcium	44-1	1.92	2.22	2.40	2.18	11.21	ppb
Chromium	52-2	0.00	0.02	-0.03	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.26	0.31	0.26	0.28	8.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6.31	6.72	6.10	6.38	4.92	ppb
Iron	57-2	5.06	6.95	5.59	5.87	16.58	ppb
Lead	206-1	0.11	0.11	0.09	0.11	10.44	ppb
Lead	207-1	0.09	0.09	0.10	0.09	4.77	ppb
Lead	208-1	0.10	0.10	0.10	0.10	2.68	ppb
Lithium	6-1						%
Magnesium	24-2	-9.46	-9.72	-10.10	-9.76		ppb
Manganese	55-2	-0.15	-0.13	-0.16	-0.14		ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:49:37	DataFile Name :	018CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.17	0.18	0.19	9.36	ppb
Molybdenum	95-1	0.28	0.34	0.32	0.31	9.70	ppb
Molybdenum	96-1	0.28	0.27	0.22	0.25	13.38	ppb
Molybdenum	97-1	0.38	0.35	0.28	0.33	16.24	ppb
Molybdenum	98-1	0.30	0.30	0.29	0.30	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.37	-0.33	-0.38	-0.36		ppb
Phosphorus	31-2	1.62	-6.80	3.58	-0.53		ppb
Potassium	39-2	12.45	14.01	15.69	14.05	11.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.49	0.00	0.00	0.16	173.21	ppb
Selenium	78-2	0.87	0.35	0.53	0.59	44.95	ppb
Selenium	82-1	-0.14	-0.77	0.26	-0.22		ppb
Silicon	28-1	0.54	1.13	1.28	0.98	40.01	ppb
Silver	109-1	0.03	0.04	0.04	0.04	10.19	ppb
Silver	107-1	0.04	0.02	0.04	0.03	26.47	ppb
Sodium	23-2	34.62	36.18	30.58	33.79	8.56	ppb
Strontium	86-1	-0.03	0.06	-0.03	0.00	7428.84	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	13.94	ppb
Sulfur	34-1	-1083.84	-837.80	-951.41	-957.68		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.06	0.06	0.06	9.10	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	6.10	ppb
Tin	118-1	0.33	0.29	0.37	0.33	12.30	ppb
Titanium	47-1	0.01	0.04	0.02	0.03	53.37	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	231.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.59	0.55	0.41	0.51	18.58	ppb
Zirconium	90-1	0.14	0.13	0.13	0.13	7.72	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:49:37	DataFile Name :	018CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.11	0.11	0.12	17.94	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:53:05	DataFile Name :	019SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.05	19.40	17.53	17.99	6.90	ppb
Antimony	121-1	2.04	2.01	2.07	2.04	1.57	ppb
Arsenic	75-2	0.94	1.00	1.02	0.99	4.04	ppb
Barium	135-1	8.84	8.64	8.82	8.77	1.29	ppb
Barium	137-1	8.90	8.59	8.88	8.79	2.00	ppb
Beryllium	9-1	1.18	1.04	1.03	1.08	7.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.14	30.52	29.62	29.42	4.07	ppb
Boron	11-1	30.62	30.85	30.68	30.72	0.39	ppb
Cadmium	111-1	0.90	0.91	0.98	0.93	4.18	ppb
Cadmium	106-1	-0.46	0.97	0.66	0.39	191.79	ppb
Cadmium	108-1	1.06	0.85	0.86	0.92	12.76	ppb
Calcium	43-1	440.70	417.48	430.68	429.62	2.71	ppb
Calcium	44-1	434.38	424.31	432.91	430.53	1.26	ppb
Chromium	52-2	1.97	1.94	2.07	1.99	3.44	ppb
Cobalt	59-2	0.92	0.95	0.91	0.93	2.23	ppb
Copper	63-2	2.38	2.45	2.40	2.41	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51.56	51.37	52.59	51.84	1.27	ppb
Iron	57-2	49.36	52.94	57.89	53.39	8.03	ppb
Lead	206-1	1.18	1.16	1.13	1.16	2.21	ppb
Lead	207-1	1.17	1.12	1.19	1.16	3.05	ppb
Lead	208-1	1.20	1.15	1.16	1.17	2.20	ppb
Lithium	6-1						%
Magnesium	24-2	434.08	441.48	439.94	438.50	0.89	ppb
Manganese	55-2	0.83	0.81	0.82	0.82	0.99	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:53:05	DataFile Name :	019SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.14	2.11	2.03	2.09	2.79	ppb
Molybdenum	95-1	4.41	4.46	4.48	4.45	0.75	ppb
Molybdenum	96-1	3.82	3.84	3.87	3.84	0.57	ppb
Molybdenum	97-1	4.33	4.42	4.36	4.37	1.02	ppb
Molybdenum	98-1	4.49	4.22	4.33	4.35	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.58	0.70	0.65	10.25	ppb
Phosphorus	31-2	-6.96	10.36	-3.06	0.11	7913.44	ppb
Potassium	39-2	465.50	475.74	470.42	470.55	1.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.89	7.87	1.99	4.58	65.51	ppb
Selenium	78-2	4.55	6.85	5.07	5.49	21.94	ppb
Selenium	82-1	4.24	4.41	5.15	4.60	10.56	ppb
Silicon	28-1	9.69	8.13	9.00	8.94	8.72	ppb
Silver	109-1	1.30	1.28	1.24	1.27	2.14	ppb
Silver	107-1	1.25	1.21	1.26	1.24	2.00	ppb
Sodium	23-2	483.44	497.89	493.21	491.51	1.50	ppb
Strontium	86-1	0.93	0.89	0.90	0.90	2.20	ppb
Strontium	88-1	0.93	0.90	0.90	0.91	1.40	ppb
Sulfur	34-1	-934.83	-1150.14	-973.33	-1019.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.95	0.93	0.94	1.34	ppb
Thallium	205-1	0.96	0.95	0.94	0.95	0.84	ppb
Tin	118-1	4.58	4.43	4.72	4.58	3.14	ppb
Titanium	47-1	4.29	3.94	4.31	4.18	5.01	ppb
Uranium	238-1	0.85	0.81	0.83	0.83	2.26	ppb
Vanadium	51-2	4.54	4.53	4.49	4.52	0.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.90	2.75	2.59	2.75	5.63	ppb
Zirconium	90-1	1.11	1.05	1.06	1.07	2.87	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:53:05	DataFile Name :	019SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.22	1.07	1.04	1.11	8.76	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:03:19	DataFile Name :	020SMPL_P7071217 -M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.73	18.90	18.40	19.01	3.52	ppb
Antimony	121-1	1.90	1.89	1.89	1.89	0.42	ppb
Arsenic	75-2	0.75	0.96	0.91	0.87	12.62	ppb
Barium	135-1	9.10	8.90	8.73	8.91	2.05	ppb
Barium	137-1	8.96	9.02	9.12	9.03	0.86	ppb
Beryllium	9-1	0.95	1.10	1.04	1.03	6.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.99	25.68	25.76	25.15	3.97	ppb
Boron	11-1	24.30	24.95	24.61	24.62	1.32	ppb
Cadmium	111-1	0.88	0.75	0.89	0.84	8.75	ppb
Cadmium	106-1	0.17	-0.12	-0.54	-0.16		ppb
Cadmium	108-1	0.93	1.31	0.86	1.03	23.22	ppb
Calcium	43-1	431.33	421.28	430.36	427.66	1.30	ppb
Calcium	44-1	431.78	435.60	435.25	434.21	0.49	ppb
Chromium	52-2	1.97	2.16	2.01	2.05	4.98	ppb
Cobalt	59-2	0.88	0.99	0.90	0.93	6.17	ppb
Copper	63-2	2.21	2.46	2.20	2.29	6.35	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	49.18	53.25	49.90	50.78	4.28	ppb
Iron	57-2	48.11	58.73	52.40	53.08	10.06	ppb
Lead	206-1	1.18	1.17	1.15	1.17	1.05	ppb
Lead	207-1	1.17	1.20	1.11	1.16	3.84	ppb
Lead	208-1	1.19	1.20	1.16	1.19	1.84	ppb
Lithium	6-1						%
Magnesium	24-2	445.92	471.80	443.95	453.89	3.42	ppb
Manganese	55-2	0.76	0.91	0.75	0.81	11.65	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:03:19	DataFile Name :	020SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	2.08	2.14	2.06	4.62	ppb
Molybdenum	95-1	4.37	4.51	4.54	4.47	2.09	ppb
Molybdenum	96-1	3.84	3.87	3.88	3.86	0.42	ppb
Molybdenum	97-1	4.35	4.47	4.45	4.42	1.46	ppb
Molybdenum	98-1	4.35	4.37	4.38	4.36	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.04	0.94	0.98	5.38	ppb
Phosphorus	31-2	12.80	-8.28	2.03	2.18	483.06	ppb
Potassium	39-2	455.73	512.42	466.42	478.19	6.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.02	6.23	2.53	4.59	41.03	ppb
Selenium	78-2	4.64	1.49	5.31	3.81	53.48	ppb
Selenium	82-1	4.35	4.83	4.55	4.58	5.20	ppb
Silicon	28-1	10.28	9.19	9.38	9.62	6.06	ppb
Silver	109-1	1.25	1.21	1.23	1.23	1.77	ppb
Silver	107-1	1.23	1.21	1.23	1.22	1.07	ppb
Sodium	23-2	476.64	517.59	490.31	494.85	4.21	ppb
Strontium	86-1	0.87	0.99	0.82	0.90	9.61	ppb
Strontium	88-1	0.92	0.93	0.96	0.93	2.21	ppb
Sulfur	34-1	-583.87	-527.61	-789.12	-633.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.89	0.90	0.91	3.04	ppb
Thallium	205-1	0.95	0.91	0.94	0.93	1.80	ppb
Tin	118-1	4.55	4.54	4.50	4.53	0.63	ppb
Titanium	47-1	4.39	4.49	4.48	4.45	1.24	ppb
Uranium	238-1	0.86	0.88	0.86	0.86	1.35	ppb
Vanadium	51-2	4.60	4.80	4.54	4.65	2.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.37	2.89	2.41	2.56	11.26	ppb
Zirconium	90-1	1.00	0.95	1.02	0.99	3.73	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:03:19	DataFile Name :	020SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	1.03	1.02	0.98	8.94	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BL	Instrumnet Name :	P7
Client Sample ID :	PB100591BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:47:42	DataFile Name :	021CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.27	0.13	-0.07		ppb
Antimony	121-1	0.03	0.03	0.04	0.03	9.84	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.01	0.01	0.02	0.00	282.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.83	1.05	1.15	1.01	16.23	ppb
Boron	11-1	0.96	0.95	1.10	1.01	8.37	ppb
Cadmium	111-1	-0.10	-0.01	-0.07	-0.06		ppb
Cadmium	106-1	-1.28	-0.08	-0.75	-0.71		ppb
Cadmium	108-1	-0.05	-0.08	0.05	-0.02		ppb
Calcium	43-1	-1.69	-1.44	-0.30	-1.14		ppb
Calcium	44-1	-2.00	-1.19	-0.95	-1.38		ppb
Chromium	52-2	-0.01	-0.02	0.03	0.00		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.05	-0.07	-0.05	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.14	0.18	0.11	0.14	22.73	ppb
Iron	57-2	2.16	0.77	0.78	1.24	64.61	ppb
Lead	206-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	207-1	0.00	0.00	0.00	0.00	212.69	ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	-4.57	-4.83	-5.74	-5.05		ppb
Manganese	55-2	-0.24	-0.19	-0.20	-0.21		ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BL	Instrumnet Name :	P7
Client Sample ID :	PB100591BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:47:42	DataFile Name :	021CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	12.93	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	4001.37	ppb
Molybdenum	97-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.00	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.38	-0.33	-0.34		ppb
Phosphorus	31-2	-9.81	-0.95	-11.79	-7.51		ppb
Potassium	39-2	3.61	-2.99	5.14	1.92	225.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.51	0.00	0.00	0.17	173.21	ppb
Selenium	78-2	-0.27	-0.45	0.12	-0.20		ppb
Selenium	82-1	-0.97	-0.42	-0.76	-0.72		ppb
Silicon	28-1	1.04	0.43	-0.42	0.35	210.14	ppb
Silver	109-1	0.00	0.00	0.00	0.00	55.93	ppb
Silver	107-1	0.01	0.00	0.01	0.01	58.94	ppb
Sodium	23-2	6.69	7.16	7.76	7.21	7.45	ppb
Strontium	86-1	0.07	0.04	0.06	0.06	25.58	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	132.17	-115.46	-106.40	-29.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	147.58	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.04	0.02	0.03	25.48	ppb
Titanium	47-1	0.00	0.00	-0.01	0.00		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.08	-0.08	-0.03	-0.07		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	59.86	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BL	Instrumnet Name :	P7
Client Sample ID :	PB100591BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:47:42	DataFile Name :	021CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.00	0.01	103.99	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BS	Instrumnet Name :	P7
Client Sample ID :	PB100591BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:51:10	DataFile Name :	022CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9875.08	9853.36	10030.40	9919.61	0.97	ppb
Antimony	121-1	486.48	497.18	494.63	492.76	1.13	ppb
Arsenic	75-2	500.83	500.46	505.06	502.12	0.51	ppb
Barium	135-1	2468.00	2508.59	2482.15	2486.25	0.83	ppb
Barium	137-1	2451.18	2477.44	2446.37	2458.33	0.68	ppb
Beryllium	9-1	489.21	496.63	491.42	492.42	0.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	453.89	475.15	466.77	465.27	2.30	ppb
Boron	11-1	454.10	472.66	473.58	466.78	2.35	ppb
Cadmium	111-1	491.80	498.78	493.62	494.74	0.73	ppb
Cadmium	106-1	489.44	503.24	493.25	495.31	1.44	ppb
Cadmium	108-1	490.22	501.61	498.13	496.65	1.18	ppb
Calcium	43-1	48453.52	49177.72	48148.90	48593.38	1.09	ppb
Calcium	44-1	48115.26	48850.15	47609.99	48191.80	1.29	ppb
Chromium	52-2	501.33	499.56	506.88	502.59	0.76	ppb
Cobalt	59-2	503.33	499.50	508.24	503.69	0.87	ppb
Copper	63-2	1003.96	999.12	1022.72	1008.60	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25757.78	25387.53	25911.61	25685.64	1.05	ppb
Iron	57-2	25737.92	25491.65	25927.48	25719.02	0.85	ppb
Lead	206-1	493.08	506.68	501.12	500.29	1.37	ppb
Lead	207-1	483.57	494.81	486.20	488.19	1.20	ppb
Lead	208-1	487.92	502.58	490.68	493.73	1.58	ppb
Lithium	6-1						%
Magnesium	24-2	50390.50	49792.82	51085.58	50422.97	1.28	ppb
Manganese	55-2	1003.78	994.96	1012.81	1003.85	0.89	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BS	Instrumnet Name :	P7
Client Sample ID :	PB100591BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:51:10	DataFile Name :	022CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	495.90	507.24	497.08	500.07	1.25	ppb
Molybdenum	95-1	488.78	497.30	489.57	491.88	0.96	ppb
Molybdenum	96-1	491.44	497.96	491.05	493.48	0.79	ppb
Molybdenum	97-1	487.78	497.09	492.82	492.57	0.95	ppb
Molybdenum	98-1	497.98	499.98	495.62	497.86	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.56	500.77	511.98	506.77	1.11	ppb
Phosphorus	31-2	10142.08	10240.03	10288.95	10223.69	0.73	ppb
Potassium	39-2	24713.19	24348.18	24850.51	24637.29	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	472.79	500.93	465.99	479.90	3.86	ppb
Selenium	78-2	523.55	512.37	523.70	519.87	1.25	ppb
Selenium	82-1	500.02	507.03	502.35	503.13	0.71	ppb
Silicon	28-1	573.99	584.71	571.08	576.59	1.24	ppb
Silver	109-1	492.26	504.53	491.99	496.26	1.44	ppb
Silver	107-1	495.06	506.30	500.59	500.65	1.12	ppb
Sodium	23-2	49884.29	49171.80	50407.32	49821.14	1.24	ppb
Strontium	86-1	491.79	501.91	491.11	494.94	1.22	ppb
Strontium	88-1	501.35	498.02	490.13	496.50	1.16	ppb
Sulfur	34-1	10177.17	10383.65	9710.85	10090.55	3.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	491.21	502.59	498.21	497.34	1.15	ppb
Thallium	205-1	490.78	502.07	493.41	495.42	1.19	ppb
Tin	118-1	492.42	497.44	492.76	494.20	0.57	ppb
Titanium	47-1	491.44	493.80	489.06	491.43	0.48	ppb
Uranium	238-1	491.61	496.51	484.92	491.01	1.18	ppb
Vanadium	51-2	497.49	493.09	502.73	497.77	0.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1013.10	1015.78	1032.33	1020.40	1.02	ppb
Zirconium	90-1	493.27	504.43	491.99	496.56	1.38	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BS	Instrumnet Name :	P7
Client Sample ID :	PB100591BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:51:10	DataFile Name :	022CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.13	498.69	489.71	494.51	0.91	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4085-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:54:35	DataFile Name :	023SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.21	0.21	0.15	77.58	ppb
Antimony	121-1	0.96	0.87	0.83	0.89	7.27	ppb
Arsenic	75-2	0.09	0.10	0.14	0.11	24.05	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.02	0.00	0.01	0.01	88.51	ppb
Beryllium	9-1	0.21	0.18	0.18	0.19	7.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.01	21.08	21.04	21.04	0.15	ppb
Boron	11-1	21.73	20.67	19.59	20.66	5.18	ppb
Cadmium	111-1	-0.04	-0.02	-0.07	-0.04		ppb
Cadmium	106-1	-0.62	-0.31	-1.00	-0.65		ppb
Cadmium	108-1	0.00	0.02	0.05	0.02	105.25	ppb
Calcium	43-1	15.40	18.60	12.70	15.57	18.99	ppb
Calcium	44-1	16.42	16.24	16.62	16.43	1.16	ppb
Chromium	52-2	0.07	0.06	0.08	0.07	11.15	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.08	0.09	0.08	0.08	8.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.90	1.67	1.96	1.84	8.16	ppb
Iron	57-2	1.75	1.25	1.75	1.58	18.28	ppb
Lead	206-1	0.03	0.05	0.05	0.04	17.20	ppb
Lead	207-1	0.07	0.06	0.04	0.05	23.59	ppb
Lead	208-1	0.05	0.05	0.04	0.05	4.80	ppb
Lithium	6-1						%
Magnesium	24-2	-8.02	-7.92	-8.49	-8.14		ppb
Manganese	55-2	-0.10	-0.14	-0.17	-0.14		ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4085-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:54:35	DataFile Name :	023SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.10	0.11	0.11	7.66	ppb
Molybdenum	95-1	0.27	0.24	0.29	0.27	10.24	ppb
Molybdenum	96-1	0.23	0.23	0.20	0.22	6.99	ppb
Molybdenum	97-1	0.25	0.29	0.27	0.27	8.66	ppb
Molybdenum	98-1	0.26	0.26	0.26	0.26	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.36	-0.34	-0.44	-0.38		ppb
Phosphorus	31-2	-3.06	0.75	-4.93	-2.41		ppb
Potassium	39-2	-5.44	-6.86	0.34	-3.98		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.50	0.17	173.21	ppb
Selenium	78-2	0.00	-0.46	0.10	-0.12		ppb
Selenium	82-1	0.50	-0.89	0.45	0.02	3711.01	ppb
Silicon	28-1	-5.76	-5.41	-6.57	-5.91		ppb
Silver	109-1	0.01	0.02	0.02	0.02	28.36	ppb
Silver	107-1	0.02	0.01	0.01	0.01	49.68	ppb
Sodium	23-2	18.57	19.37	18.53	18.82	2.52	ppb
Strontium	86-1	-0.02	-0.05	0.01	-0.02		ppb
Strontium	88-1	0.05	0.05	0.05	0.05	7.45	ppb
Sulfur	34-1	-1219.04	-1104.09	-1223.57	-1182.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.07	0.07	0.07	10.15	ppb
Thallium	205-1	0.09	0.09	0.07	0.08	14.83	ppb
Tin	118-1	0.37	0.34	0.26	0.32	16.39	ppb
Titanium	47-1	0.02	-0.02	0.02	0.00	537.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	90.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.27	0.40	0.43	0.37	22.85	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	17.66	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4085-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:54:35	DataFile Name :	023SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.01	0.03	61.16	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4124-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:58:03	DataFile Name :	024SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	1.01	0.96	0.81	37.22	ppb
Antimony	121-1	0.21	0.26	0.24	0.24	9.73	ppb
Arsenic	75-2	0.05	0.02	0.02	0.03	60.02	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.02	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	0.08	0.14	0.11	0.11	29.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.53	10.36	9.98	10.62	7.60	ppb
Boron	11-1	9.46	9.98	9.78	9.74	2.67	ppb
Cadmium	111-1	0.02	0.07	-0.07	0.01	785.28	ppb
Cadmium	106-1	0.30	0.94	-0.85	0.13	685.68	ppb
Cadmium	108-1	0.00	0.00	-0.03	-0.01		ppb
Calcium	43-1	13.67	15.23	15.01	14.64	5.76	ppb
Calcium	44-1	13.96	13.54	12.15	13.22	7.17	ppb
Chromium	52-2	0.09	0.04	0.02	0.05	72.42	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.04	0.01	-0.03	0.01	475.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.17	0.81	0.91	0.96	19.55	ppb
Iron	57-2	0.96	1.42	0.55	0.98	45.10	ppb
Lead	206-1	0.02	0.03	0.00	0.02	72.18	ppb
Lead	207-1	0.02	0.03	0.04	0.03	19.25	ppb
Lead	208-1	0.03	0.03	0.02	0.03	9.48	ppb
Lithium	6-1						%
Magnesium	24-2	-6.13	-7.93	-8.21	-7.43		ppb
Manganese	55-2	-0.15	-0.20	-0.15	-0.17		ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4124-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:58:03	DataFile Name :	024SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.30	0.25	0.28	7.66	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	2.54	ppb
Molybdenum	96-1	0.11	0.12	0.11	0.11	5.74	ppb
Molybdenum	97-1	0.08	0.07	0.08	0.07	4.80	ppb
Molybdenum	98-1	0.07	0.07	0.05	0.06	18.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.34	-0.41	-0.36		ppb
Phosphorus	31-2	-5.08	-4.52	-10.95	-6.85		ppb
Potassium	39-2	10.43	-1.12	-8.16	0.38	2453.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.50	0.00	0.17	173.21	ppb
Selenium	78-2	0.04	-0.66	-0.73	-0.45		ppb
Selenium	82-1	-0.16	-1.14	-0.64	-0.64		ppb
Silicon	28-1	-4.89	-4.56	-5.62	-5.02		ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.57	ppb
Silver	107-1	0.01	0.00	0.01	0.01	29.44	ppb
Sodium	23-2	15.40	13.45	10.77	13.21	17.62	ppb
Strontium	86-1	-0.01	0.05	-0.02	0.01	588.63	ppb
Strontium	88-1	0.02	0.01	0.01	0.02	36.92	ppb
Sulfur	34-1	-1154.83	-966.30	-1144.68	-1088.61		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.04	0.01	0.02	73.65	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	24.31	ppb
Tin	118-1	0.04	0.07	0.06	0.06	31.03	ppb
Titanium	47-1	0.04	-0.03	0.08	0.03	175.73	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	269.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.18	0.07	0.08	0.11	59.36	ppb
Zirconium	90-1	0.38	0.36	0.37	0.37	3.03	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4124-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:58:03	DataFile Name :	024SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.36	0.36	0.37	5.68	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:01:31 DataFile Name : 025SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	1.45	1.44	1.45	0.30	ppb
Antimony	121-1	3.54	3.29	3.15	3.33	6.03	ppb
Arsenic	75-2	2.27	1.95	2.12	2.12	7.57	ppb
Barium	135-1	60.88	61.53	61.31	61.24	0.54	ppb
Barium	137-1	63.80	62.32	62.31	62.81	1.37	ppb
Beryllium	9-1	0.13	0.11	0.08	0.11	23.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	134.31	137.16	131.29	134.25	2.19	ppb
Boron	11-1	138.46	139.93	139.57	139.32	0.55	ppb
Cadmium	111-1	0.25	0.21	0.25	0.24	9.18	ppb
Cadmium	106-1	-0.06	-0.73	-0.06	-0.29		ppb
Cadmium	108-1	0.44	0.25	0.41	0.37	28.32	ppb
Calcium	43-1	76948.87	76919.93	76673.73	76847.51	0.20	ppb
Calcium	44-1	76311.16	77072.39	76488.79	76624.11	0.52	ppb
Chromium	52-2	0.60	0.60	0.62	0.61	1.66	ppb
Cobalt	59-2	0.06	0.04	0.03	0.04	33.03	ppb
Copper	63-2	8.82	9.13	9.38	9.11	3.11	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	7.76	7.82	8.35	7.98	4.10	ppb
Iron	57-2	96.47	95.25	93.83	95.18	1.39	ppb
Lead	206-1	0.46	0.46	0.46	0.46	0.97	ppb
Lead	207-1	0.47	0.46	0.45	0.46	2.54	ppb
Lead	208-1	0.47	0.45	0.44	0.46	3.34	ppb
Lithium	6-1						%
Magnesium	24-2	10329.18	10259.48	10097.76	10228.81	1.16	ppb
Manganese	55-2	13.39	13.25	13.42	13.35	0.69	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:01:31	DataFile Name :	025SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.70	0.68	0.61	0.66	7.54	ppb
Molybdenum	95-1	1.03	1.11	1.04	1.06	3.98	ppb
Molybdenum	96-1	0.95	0.91	0.95	0.93	2.54	ppb
Molybdenum	97-1	1.04	1.01	1.09	1.05	3.76	ppb
Molybdenum	98-1	1.02	1.02	1.01	1.02	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.02	1.05	1.05	2.75	ppb
Phosphorus	31-2	47.55	29.14	49.49	42.06	26.70	ppb
Potassium	39-2	2990.08	2983.32	2973.63	2982.34	0.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.73	1.16	2.91	1.93	46.23	ppb
Selenium	78-2	0.69	2.30	0.43	1.14	89.02	ppb
Selenium	82-1	1.03	1.60	0.69	1.11	41.50	ppb
Silicon	28-1	6680.03	6619.31	6641.73	6647.02	0.46	ppb
Silver	109-1	0.85	0.77	0.65	0.75	13.40	ppb
Silver	107-1	0.84	0.77	0.70	0.77	9.26	ppb
Sodium	23-2	28024.61	27629.82	27301.89	27652.11	1.31	ppb
Strontium	86-1	563.89	562.37	557.87	561.38	0.56	ppb
Strontium	88-1	563.70	568.25	564.44	565.47	0.43	ppb
Sulfur	34-1	13764.69	13461.18	13679.85	13635.24	1.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.11	0.09	0.11	20.59	ppb
Thallium	205-1	0.14	0.13	0.08	0.12	26.30	ppb
Tin	118-1	1.82	1.59	1.64	1.68	7.22	ppb
Titanium	47-1	0.80	0.68	0.78	0.75	8.34	ppb
Uranium	238-1	0.75	0.74	0.76	0.75	1.51	ppb
Vanadium	51-2	2.64	2.66	2.70	2.67	1.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	36.62	35.87	34.29	35.59	3.33	ppb
Zirconium	90-1	0.59	0.49	0.47	0.51	13.24	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:01:31	DataFile Name :	025SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.53	0.52	0.43	0.49	11.18	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705I Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:04:58 DataFile Name : 026SMPL_P7071217 -M1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	1.69	1.32	1.35	24.21	ppb
Antimony	121-1	2.16	2.09	2.04	2.10	2.96	ppb
Arsenic	75-2	2.24	2.19	2.29	2.24	2.33	ppb
Barium	135-1	63.15	62.77	63.02	62.98	0.30	ppb
Barium	137-1	63.30	64.18	64.48	63.99	0.96	ppb
Beryllium	9-1	0.03	0.02	0.06	0.04	47.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	128.59	131.16	126.12	128.63	1.96	ppb
Boron	11-1	132.38	134.18	134.07	133.54	0.76	ppb
Cadmium	111-1	0.07	-0.01	0.06	0.04	104.76	ppb
Cadmium	106-1	-0.90	-2.00	-1.32	-1.41		ppb
Cadmium	108-1	0.11	0.27	0.17	0.18	43.96	ppb
Calcium	43-1	78506.93	78492.83	78557.24	78519.00	0.04	ppb
Calcium	44-1	78135.87	78505.36	78161.99	78267.74	0.26	ppb
Chromium	52-2	0.58	0.58	0.61	0.59	2.60	ppb
Cobalt	59-2	0.08	0.06	0.06	0.07	16.03	ppb
Copper	63-2	10.69	10.84	11.05	10.86	1.68	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	7.54	7.79	7.98	7.77	2.89	ppb
Iron	57-2	97.10	104.06	101.77	100.98	3.51	ppb
Lead	206-1	0.35	0.34	0.32	0.34	3.97	ppb
Lead	207-1	0.30	0.33	0.30	0.31	6.35	ppb
Lead	208-1	0.33	0.32	0.32	0.32	2.20	ppb
Lithium	6-1						%
Magnesium	24-2	10293.20	10519.04	10526.60	10446.28	1.27	ppb
Manganese	55-2	13.85	14.40	14.27	14.17	2.03	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705I	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:04:58	DataFile Name :	026SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.48	0.48	0.52	0.49	4.61	ppb
Molybdenum	95-1	1.01	1.01	1.07	1.03	3.33	ppb
Molybdenum	96-1	0.93	0.92	0.89	0.91	2.38	ppb
Molybdenum	97-1	1.00	1.07	1.05	1.04	3.72	ppb
Molybdenum	98-1	1.01	1.05	1.00	1.02	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.97	0.95	0.96	1.32	ppb
Phosphorus	31-2	41.18	27.86	23.42	30.82	29.98	ppb
Potassium	39-2	2985.52	3035.52	3051.78	3024.27	1.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.94	2.97	2.37	2.76	12.21	ppb
Selenium	78-2	0.46	-0.43	1.82	0.62	182.85	ppb
Selenium	82-1	1.00	0.45	0.72	0.72	38.13	ppb
Silicon	28-1	6657.43	6728.89	6656.57	6680.97	0.62	ppb
Silver	109-1	0.40	0.43	0.38	0.40	5.60	ppb
Silver	107-1	0.43	0.39	0.41	0.41	5.84	ppb
Sodium	23-2	27697.89	28133.77	28415.54	28082.40	1.29	ppb
Strontium	86-1	577.50	568.84	575.92	574.09	0.80	ppb
Strontium	88-1	573.96	578.19	577.67	576.61	0.40	ppb
Sulfur	34-1	13678.21	13711.33	13667.80	13685.78	0.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	50.64	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.60	ppb
Tin	118-1	1.31	1.22	1.40	1.31	6.69	ppb
Titanium	47-1	0.73	0.74	0.84	0.77	7.89	ppb
Uranium	238-1	0.81	0.84	0.82	0.82	2.01	ppb
Vanadium	51-2	2.88	2.81	2.83	2.84	1.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	29.54	30.53	29.82	29.96	1.70	ppb
Zirconium	90-1	0.26	0.25	0.25	0.25	2.03	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705I	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:04:58	DataFile Name :	026SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.24	0.19	0.22	13.83	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705L Dilution Factor : 5
 Date & Time Acquired :: 2017-07-12 15:08:26 DataFile Name : 027SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.02	0.71	0.33	107.21	ppb
Antimony	121-1	0.52	0.46	0.45	0.48	8.20	ppb
Arsenic	75-2	0.41	0.40	0.50	0.44	12.50	ppb
Barium	135-1	12.05	11.93	11.88	11.95	0.75	ppb
Barium	137-1	11.88	12.08	11.75	11.90	1.41	ppb
Beryllium	9-1	0.07	0.04	0.06	0.06	23.62	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	37.83	37.97	31.77	35.86	9.88	ppb
Boron	11-1	37.12	38.16	36.62	37.30	2.10	ppb
Cadmium	111-1	0.00	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-0.50	-0.73	-1.16	-0.80		ppb
Cadmium	108-1	-0.02	0.00	-0.02	-0.01		ppb
Calcium	43-1	14691.24	14720.05	14313.56	14574.95	1.56	ppb
Calcium	44-1	14715.75	14885.81	14396.82	14666.12	1.69	ppb
Chromium	52-2	0.12	0.14	0.16	0.14	12.99	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	3.09	3.07	2.95	3.04	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.71	1.80	1.50	1.67	9.15	ppb
Iron	57-2	18.70	17.53	17.80	18.01	3.40	ppb
Lead	206-1	0.04	0.04	0.05	0.05	12.80	ppb
Lead	207-1	0.06	0.04	0.05	0.05	23.68	ppb
Lead	208-1	0.06	0.04	0.05	0.05	14.71	ppb
Lithium	6-1						%
Magnesium	24-2	1988.84	1987.23	1961.00	1979.02	0.79	ppb
Manganese	55-2	2.49	2.49	2.69	2.56	4.58	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-12 15:08:26	DataFile Name :	027SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.07	0.08	11.39	ppb
Molybdenum	95-1	0.18	0.17	0.19	0.18	5.32	ppb
Molybdenum	96-1	0.16	0.18	0.16	0.17	7.22	ppb
Molybdenum	97-1	0.24	0.20	0.19	0.21	12.87	ppb
Molybdenum	98-1	0.17	0.18	0.20	0.19	9.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.10	0.04	-0.03		ppb
Phosphorus	31-2	-5.51	15.02	-3.47	2.01	562.32	ppb
Potassium	39-2	589.40	589.24	582.78	587.14	0.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.12	0.56	0.56	0.74	43.59	ppb
Selenium	78-2	-0.67	0.38	-0.20	-0.16		ppb
Selenium	82-1	0.59	-0.85	-0.61	-0.29		ppb
Silicon	28-1	1273.99	1277.58	1235.03	1262.20	1.87	ppb
Silver	109-1	0.17	0.19	0.19	0.18	6.12	ppb
Silver	107-1	0.20	0.19	0.21	0.20	4.64	ppb
Sodium	23-2	5439.34	5408.85	5379.47	5409.22	0.55	ppb
Strontium	86-1	106.90	107.23	105.94	106.69	0.63	ppb
Strontium	88-1	109.83	110.38	107.77	109.32	1.26	ppb
Sulfur	34-1	1794.63	1730.01	1660.51	1728.39	3.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.14	0.21	0.16	0.17	21.42	ppb
Titanium	47-1	0.11	0.18	0.12	0.14	27.60	ppb
Uranium	238-1	0.15	0.15	0.15	0.15	1.44	ppb
Vanadium	51-2	0.53	0.59	0.50	0.54	8.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.67	5.11	5.19	5.32	5.71	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	23.90	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705I	Dilution Factor :	5
Date & Time Acquired ::	2017-07-12 15:08:26	DataFile Name :	027SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	47.66	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-11 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:11:53 DataFile Name : 028SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9251.67	9535.82	9450.65	9412.71	1.55	ppb
Antimony	121-1	497.13	497.96	498.09	497.73	0.11	ppb
Arsenic	75-2	511.71	514.82	515.05	513.86	0.36	ppb
Barium	135-1	2518.44	2506.18	2491.60	2505.41	0.54	ppb
Barium	137-1	2480.97	2502.05	2455.54	2479.52	0.94	ppb
Beryllium	9-1	374.48	367.01	360.72	367.40	1.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	472.29	477.96	480.13	476.79	0.85	ppb
Boron	11-1	479.28	486.97	484.07	483.44	0.80	ppb
Cadmium	111-1	484.96	486.23	482.26	484.48	0.42	ppb
Cadmium	106-1	485.36	486.11	481.44	484.30	0.52	ppb
Cadmium	108-1	481.89	481.82	485.92	483.21	0.49	ppb
Calcium	43-1	129946.88	129002.36	129659.62	129536.29	0.37	ppb
Calcium	44-1	129409.77	127706.68	129145.22	128753.89	0.71	ppb
Chromium	52-2	535.70	551.90	552.02	546.54	1.72	ppb
Cobalt	59-2	542.38	557.04	558.57	552.67	1.62	ppb
Copper	63-2	1083.23	1118.65	1111.64	1104.51	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	26157.74	27034.33	26861.90	26684.66	1.74	ppb
Iron	57-2	25975.84	26952.82	26958.43	26629.03	2.12	ppb
Lead	206-1	497.06	492.80	497.11	495.66	0.50	ppb
Lead	207-1	486.06	484.66	487.21	485.98	0.26	ppb
Lead	208-1	492.03	492.39	490.77	491.73	0.17	ppb
Lithium	6-1						%
Magnesium	24-2	59659.10	61974.28	61751.97	61128.45	2.09	ppb
Manganese	55-2	1031.86	1057.29	1058.77	1049.30	1.44	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-11	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:11:53	DataFile Name :	028SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	531.25	529.97	529.83	530.35	0.15	ppb
Molybdenum	95-1	498.61	498.26	502.62	499.83	0.48	ppb
Molybdenum	96-1	506.66	506.07	503.99	505.57	0.28	ppb
Molybdenum	97-1	500.82	502.84	501.37	501.67	0.21	ppb
Molybdenum	98-1	505.34	503.62	507.58	505.51	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	551.73	565.01	569.60	562.11	1.65	ppb
Phosphorus	31-2	44.89	26.87	29.45	33.74	28.90	ppb
Potassium	39-2	26570.52	27342.51	27276.92	27063.31	1.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	487.05	460.92	471.68	473.21	2.77	ppb
Selenium	78-2	516.46	509.17	524.32	516.65	1.47	ppb
Selenium	82-1	515.57	512.69	514.13	514.13	0.28	ppb
Silicon	28-1	6943.26	6927.53	6900.66	6923.82	0.31	ppb
Silver	109-1	464.19	463.36	460.84	462.79	0.38	ppb
Silver	107-1	465.36	467.77	466.82	466.65	0.26	ppb
Sodium	23-2	76303.45	78230.76	77993.37	77509.19	1.36	ppb
Strontium	86-1	568.74	565.88	563.02	565.88	0.51	ppb
Strontium	88-1	568.25	572.13	574.51	571.63	0.55	ppb
Sulfur	34-1	13304.82	13020.23	12883.73	13069.59	1.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.75	499.72	509.82	504.10	1.03	ppb
Thallium	205-1	501.77	492.99	504.80	499.85	1.23	ppb
Tin	118-1	467.63	468.09	467.99	467.90	0.05	ppb
Titanium	47-1	503.48	499.72	497.57	500.26	0.60	ppb
Uranium	238-1	498.20	499.80	503.47	500.49	0.54	ppb
Vanadium	51-2	522.39	539.57	539.80	533.92	1.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1046.92	1077.08	1083.99	1069.33	1.84	ppb
Zirconium	90-1	535.61	535.44	529.42	533.49	0.66	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-11	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:11:53	DataFile Name :	028SMPL_P7071217 -M4

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	532.99	530.10	532.66	531.92	0.30	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:15:17	DataFile Name :	029CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49059.52	48890.33	47960.18	48636.68	1.22	ppb
Antimony	121-1	486.79	495.17	491.80	491.25	0.86	ppb
Arsenic	75-2	481.76	477.77	470.53	476.69	1.19	ppb
Barium	135-1	2487.50	2485.63	2483.19	2485.44	0.09	ppb
Barium	137-1	2446.28	2469.51	2451.18	2455.65	0.50	ppb
Beryllium	9-1	459.80	461.13	464.58	461.84	0.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	477.32	480.91	484.72	480.98	0.77	ppb
Boron	11-1	470.68	476.74	484.02	477.15	1.40	ppb
Cadmium	111-1	505.43	507.15	505.79	506.12	0.18	ppb
Cadmium	106-1	504.58	502.37	498.68	501.88	0.59	ppb
Cadmium	108-1	504.45	513.01	504.89	507.45	0.95	ppb
Calcium	43-1	244163.14	242440.24	246413.72	244339.03	0.82	ppb
Calcium	44-1	243284.94	244794.82	246758.60	244946.12	0.71	ppb
Chromium	52-2	510.87	512.73	498.11	507.24	1.57	ppb
Cobalt	59-2	498.34	502.17	484.79	495.10	1.84	ppb
Copper	63-2	935.18	943.49	910.98	929.88	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127797.50	129423.79	124147.14	127122.81	2.13	ppb
Iron	57-2	127887.71	128670.13	124106.60	126888.15	1.92	ppb
Lead	206-1	511.86	514.10	516.59	514.19	0.46	ppb
Lead	207-1	507.13	508.34	508.66	508.04	0.16	ppb
Lead	208-1	511.67	511.36	512.80	511.95	0.15	ppb
Lithium	6-1						%
Magnesium	24-2	237884.76	239977.86	232926.15	236929.59	1.53	ppb
Manganese	55-2	1004.71	1014.33	977.94	998.99	1.89	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:15:17	DataFile Name :	029CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.50	510.14	519.15	513.60	0.95	ppb
Molybdenum	95-1	497.94	494.19	499.63	497.25	0.56	ppb
Molybdenum	96-1	500.13	499.44	503.44	501.00	0.43	ppb
Molybdenum	97-1	498.98	496.40	504.38	499.92	0.81	ppb
Molybdenum	98-1	504.34	503.12	509.45	505.64	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.31	506.80	487.40	498.17	1.98	ppb
Phosphorus	31-2	9811.55	9806.26	9510.45	9709.42	1.77	ppb
Potassium	39-2	120396.62	120204.56	118117.67	119572.95	1.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	474.18	437.76	472.81	461.58	4.47	ppb
Selenium	78-2	495.44	485.85	472.37	484.55	2.39	ppb
Selenium	82-1	482.42	475.53	485.06	481.00	1.02	ppb
Silicon	28-1	804.92	823.64	845.63	824.73	2.47	ppb
Silver	109-1	508.89	509.66	509.13	509.23	0.08	ppb
Silver	107-1	515.12	516.79	512.11	514.68	0.46	ppb
Sodium	23-2	245030.43	242818.04	237126.66	241658.37	1.69	ppb
Strontium	86-1	516.89	507.46	514.79	513.05	0.97	ppb
Strontium	88-1	519.31	514.53	524.52	519.45	0.96	ppb
Sulfur	34-1	9792.07	9796.61	9972.63	9853.77	1.04	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	516.73	518.74	520.01	518.49	0.32	ppb
Thallium	205-1	518.63	521.85	520.42	520.30	0.31	ppb
Tin	118-1	480.31	484.74	480.89	481.98	0.50	ppb
Titanium	47-1	497.33	501.57	501.69	500.20	0.50	ppb
Uranium	238-1	528.19	532.96	528.47	529.87	0.51	ppb
Vanadium	51-2	505.66	507.76	493.67	502.36	1.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	936.75	943.50	915.77	932.01	1.55	ppb
Zirconium	90-1	508.98	504.74	515.72	509.81	1.09	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:15:17	DataFile Name :	029CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.74	506.03	507.29	506.69	0.12	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:18:43	DataFile Name :	030CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.02	-0.09	0.06	285.14	ppb
Antimony	121-1	0.89	0.83	0.86	0.86	3.32	ppb
Arsenic	75-2	0.12	0.17	0.16	0.15	17.00	ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.55	0.34	0.45	0.45	22.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	29.08	28.57	24.49	27.38	9.20	ppb
Boron	11-1	29.68	27.65	25.55	27.62	7.48	ppb
Cadmium	111-1	0.02	-0.17	0.01	-0.05		ppb
Cadmium	106-1	-0.06	-2.53	-0.24	-0.94		ppb
Cadmium	108-1	0.03	0.08	-0.02	0.03	162.56	ppb
Calcium	43-1	1.57	-2.94	-0.23	-0.53		ppb
Calcium	44-1	2.41	1.82	1.59	1.94	21.78	ppb
Chromium	52-2	0.03	0.02	0.02	0.02	29.90	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.95	0.97	0.93	0.95	1.89	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	4.20	4.18	4.28	4.22	1.21	ppb
Iron	57-2	5.02	5.60	4.04	4.89	16.21	ppb
Lead	206-1	0.07	0.05	0.04	0.05	34.34	ppb
Lead	207-1	0.06	0.05	0.08	0.06	23.37	ppb
Lead	208-1	0.06	0.04	0.06	0.05	14.70	ppb
Lithium	6-1						%
Magnesium	24-2	-9.79	-9.05	-9.06	-9.30		ppb
Manganese	55-2	-0.18	-0.26	-0.24	-0.23		ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:18:43	DataFile Name :	030CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.18	0.16	0.18	12.44	ppb
Molybdenum	95-1	0.25	0.26	0.25	0.25	3.14	ppb
Molybdenum	96-1	0.25	0.23	0.25	0.24	3.08	ppb
Molybdenum	97-1	0.27	0.30	0.26	0.28	7.62	ppb
Molybdenum	98-1	0.28	0.24	0.27	0.26	8.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.39	-0.43	-0.33	-0.38		ppb
Phosphorus	31-2	3.95	-12.17	-7.48	-5.23		ppb
Potassium	39-2	5.94	9.93	11.74	9.20	32.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.22	-0.45	0.14	0.30	278.11	ppb
Selenium	82-1	-0.06	0.66	-0.47	0.04	1292.85	ppb
Silicon	28-1	4.40	0.92	1.28	2.20	87.02	ppb
Silver	109-1	0.11	0.10	0.10	0.10	7.95	ppb
Silver	107-1	0.13	0.10	0.12	0.12	13.63	ppb
Sodium	23-2	60.37	59.04	60.07	59.83	1.16	ppb
Strontium	86-1	-0.07	0.05	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	45.30	ppb
Sulfur	34-1	-908.09	-1148.09	-1081.51	-1045.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.04	0.05	13.30	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	6.33	ppb
Tin	118-1	0.48	0.41	0.44	0.45	7.89	ppb
Titanium	47-1	0.01	0.02	0.05	0.03	69.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1824.93	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	56.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.57	1.68	1.54	1.59	4.50	ppb
Zirconium	90-1	0.20	0.14	0.14	0.16	19.37	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:18:43	DataFile Name :	030CCBE_P7071217 -M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.15	0.14	0.14	4.17	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-12 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:22:11 DataFile Name : 031SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9200.70	9122.52	9180.41	9167.88	0.44	ppb
Antimony	121-1	489.36	491.02	484.97	488.45	0.64	ppb
Arsenic	75-2	498.98	496.24	496.48	497.23	0.30	ppb
Barium	135-1	2453.82	2464.60	2457.03	2458.48	0.23	ppb
Barium	137-1	2452.28	2457.32	2472.11	2460.57	0.42	ppb
Beryllium	9-1	371.55	365.15	362.50	366.40	1.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	483.42	479.92	481.52	481.62	0.36	ppb
Boron	11-1	481.57	482.63	484.71	482.97	0.33	ppb
Cadmium	111-1	472.92	478.21	472.10	474.41	0.70	ppb
Cadmium	106-1	468.41	480.30	467.25	471.99	1.53	ppb
Cadmium	108-1	474.11	481.33	475.01	476.82	0.83	ppb
Calcium	43-1	126187.67	125890.14	124893.33	125657.05	0.54	ppb
Calcium	44-1	126159.28	125178.06	125225.53	125520.96	0.44	ppb
Chromium	52-2	533.58	529.40	536.31	533.09	0.65	ppb
Cobalt	59-2	540.70	537.47	542.76	540.31	0.49	ppb
Copper	63-2	1083.23	1078.73	1087.54	1083.16	0.41	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	26195.02	25920.81	26378.16	26164.67	0.88	ppb
Iron	57-2	26209.62	25960.39	26196.70	26122.23	0.54	ppb
Lead	206-1	480.47	483.98	489.20	484.55	0.91	ppb
Lead	207-1	473.35	474.63	479.37	475.78	0.67	ppb
Lead	208-1	482.09	484.88	485.39	484.12	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	59194.37	58903.43	59188.49	59095.43	0.28	ppb
Manganese	55-2	1026.19	1018.58	1035.40	1026.72	0.82	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-12 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-1707051 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:22:11 DataFile Name : 031SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.41	511.35	514.70	512.49	0.37	ppb
Molybdenum	95-1	486.12	484.46	485.33	485.30	0.17	ppb
Molybdenum	96-1	491.52	487.39	493.77	490.89	0.66	ppb
Molybdenum	97-1	489.09	482.70	488.52	486.77	0.73	ppb
Molybdenum	98-1	493.14	492.51	495.39	493.68	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	549.43	547.33	551.83	549.53	0.41	ppb
Phosphorus	31-2	27.14	47.31	37.97	37.47	26.94	ppb
Potassium	39-2	26481.74	26124.84	26540.31	26382.30	0.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	477.91	496.24	473.91	482.69	2.47	ppb
Selenium	78-2	489.60	500.11	489.00	492.90	1.27	ppb
Selenium	82-1	499.34	498.90	502.53	500.25	0.40	ppb
Silicon	28-1	6750.87	6715.42	6656.48	6707.59	0.71	ppb
Silver	109-1	450.76	454.22	454.20	453.06	0.44	ppb
Silver	107-1	453.76	458.12	456.35	456.08	0.48	ppb
Sodium	23-2	75854.47	75244.47	75884.10	75661.01	0.48	ppb
Strontium	86-1	549.56	543.90	549.04	547.50	0.57	ppb
Strontium	88-1	552.17	549.62	554.64	552.14	0.46	ppb
Sulfur	34-1	12378.16	12166.81	12262.66	12269.21	0.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	486.24	493.33	493.50	491.02	0.84	ppb
Thallium	205-1	482.09	497.97	492.94	491.00	1.65	ppb
Tin	118-1	460.96	463.42	458.50	460.96	0.53	ppb
Titanium	47-1	489.75	485.65	490.77	488.72	0.55	ppb
Uranium	238-1	483.97	487.79	490.49	487.42	0.67	ppb
Vanadium	51-2	520.89	517.77	522.67	520.44	0.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1052.67	1045.52	1064.82	1054.34	0.93	ppb
Zirconium	90-1	519.25	516.56	515.98	517.26	0.34	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-12	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:22:11	DataFile Name :	031SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.72	510.47	513.88	512.02	0.34	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10A Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705/ Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:25:36 DataFile Name : 032SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9419.01	9381.47	9290.39	9363.63	0.71	ppb
Antimony	121-1	491.73	486.33	494.73	490.93	0.87	ppb
Arsenic	75-2	513.08	503.43	511.44	509.32	1.01	ppb
Barium	135-1	2488.40	2478.81	2515.16	2494.12	0.76	ppb
Barium	137-1	2475.30	2451.52	2481.93	2469.59	0.65	ppb
Beryllium	9-1	368.40	361.74	361.36	363.83	1.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	492.23	491.71	495.33	493.09	0.40	ppb
Boron	11-1	492.26	494.27	502.62	496.38	1.11	ppb
Cadmium	111-1	480.27	478.09	484.81	481.06	0.71	ppb
Cadmium	106-1	470.34	464.44	479.91	471.56	1.66	ppb
Cadmium	108-1	471.51	472.65	480.73	474.96	1.06	ppb
Calcium	43-1	130319.25	130074.04	129065.49	129819.59	0.51	ppb
Calcium	44-1	129861.96	129759.67	129222.32	129614.65	0.27	ppb
Chromium	52-2	552.50	548.69	543.02	548.07	0.87	ppb
Cobalt	59-2	559.75	558.64	553.38	557.26	0.61	ppb
Copper	63-2	1126.05	1123.59	1111.88	1120.51	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	27139.79	27143.13	26901.71	27061.54	0.51	ppb
Iron	57-2	26964.73	26952.18	26793.64	26903.51	0.35	ppb
Lead	206-1	503.45	508.61	504.97	505.68	0.52	ppb
Lead	207-1	495.04	499.07	496.59	496.90	0.41	ppb
Lead	208-1	501.38	506.56	503.11	503.68	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	60834.28	60503.92	60084.04	60474.08	0.62	ppb
Manganese	55-2	1057.57	1056.42	1045.98	1053.33	0.61	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10A Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705/ Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:25:36 DataFile Name : 032SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	527.10	533.26	524.47	528.28	0.85	ppb
Molybdenum	95-1	496.43	504.38	493.99	498.27	1.09	ppb
Molybdenum	96-1	504.83	509.48	499.54	504.62	0.99	ppb
Molybdenum	97-1	501.57	504.61	494.87	500.35	1.00	ppb
Molybdenum	98-1	506.04	509.38	504.83	506.75	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	573.08	569.61	562.01	568.23	1.00	ppb
Phosphorus	31-2	24.27	45.15	26.15	31.86	36.27	ppb
Potassium	39-2	27081.78	27035.92	26732.84	26950.18	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	517.34	495.55	462.94	491.94	5.56	ppb
Selenium	78-2	508.61	516.75	523.27	516.21	1.42	ppb
Selenium	82-1	510.77	512.51	510.50	511.26	0.21	ppb
Silicon	28-1	6878.54	6827.87	6840.18	6848.86	0.39	ppb
Silver	109-1	456.95	456.68	460.53	458.05	0.47	ppb
Silver	107-1	461.22	457.43	463.30	460.65	0.65	ppb
Sodium	23-2	77476.42	76984.59	75958.40	76806.47	1.01	ppb
Strontium	86-1	564.51	569.98	560.55	565.01	0.84	ppb
Strontium	88-1	576.88	572.71	568.27	572.62	0.75	ppb
Sulfur	34-1	12610.70	12335.14	12424.24	12456.69	1.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	507.91	514.55	511.98	511.48	0.65	ppb
Thallium	205-1	511.72	516.50	511.63	513.28	0.54	ppb
Tin	118-1	467.50	461.56	470.67	466.58	0.99	ppb
Titanium	47-1	505.01	498.28	506.61	503.30	0.88	ppb
Uranium	238-1	510.88	514.24	517.82	514.31	0.67	ppb
Vanadium	51-2	540.11	539.67	532.76	537.52	0.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1082.26	1089.45	1073.54	1081.75	0.74	ppb
Zirconium	90-1	532.95	535.66	526.27	531.62	0.91	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10A	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705/	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:25:36	DataFile Name :	032SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	525.06	530.68	524.91	526.89	0.62	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-13 Instrumnet Name : P7
 Client Sample ID : KY030LC051-W-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:29:01 DataFile Name : 033SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.04	2.77	2.04	2.62	19.86	ppb
Antimony	121-1	1.28	1.36	1.33	1.33	3.01	ppb
Arsenic	75-2	1.86	1.88	1.74	1.83	4.07	ppb
Barium	135-1	62.05	61.65	61.97	61.89	0.34	ppb
Barium	137-1	62.93	62.30	62.90	62.71	0.56	ppb
Beryllium	9-1	0.49	0.42	0.32	0.41	21.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	144.68	145.58	142.40	144.22	1.14	ppb
Boron	11-1	149.14	146.54	145.99	147.22	1.14	ppb
Cadmium	111-1	-0.05	-0.06	-0.12	-0.08		ppb
Cadmium	106-1	-1.55	-1.91	-2.38	-1.95		ppb
Cadmium	108-1	0.15	0.09	0.26	0.17	50.56	ppb
Calcium	43-1	80338.86	80474.06	80829.08	80547.33	0.31	ppb
Calcium	44-1	80827.71	80825.35	80853.46	80835.51	0.02	ppb
Chromium	52-2	0.62	0.69	0.56	0.63	10.30	ppb
Cobalt	59-2	0.14	0.12	0.13	0.13	8.86	ppb
Copper	63-2	10.17	10.15	10.12	10.15	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.76	11.96	11.67	11.80	1.29	ppb
Iron	57-2	101.86	103.75	101.64	102.41	1.13	ppb
Lead	206-1	0.22	0.22	0.20	0.21	4.81	ppb
Lead	207-1	0.20	0.20	0.23	0.21	8.91	ppb
Lead	208-1	0.21	0.21	0.22	0.21	1.90	ppb
Lithium	6-1						%
Magnesium	24-2	8460.09	8521.93	8512.58	8498.20	0.39	ppb
Manganese	55-2	29.49	29.75	29.58	29.61	0.44	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-13	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:29:01	DataFile Name :	033SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.65	0.54	0.54	0.58	11.04	ppb
Molybdenum	95-1	0.95	1.03	0.99	0.99	4.19	ppb
Molybdenum	96-1	0.92	0.80	0.95	0.89	9.13	ppb
Molybdenum	97-1	1.02	1.05	0.84	0.97	11.74	ppb
Molybdenum	98-1	0.99	0.99	1.03	1.00	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.87	0.91	0.90	2.15	ppb
Phosphorus	31-2	48.67	4.20	12.53	21.80	108.44	ppb
Potassium	39-2	2686.53	2695.63	2672.27	2684.81	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.59	3.90	1.94	2.81	35.53	ppb
Selenium	78-2	1.03	2.74	0.25	1.34	94.68	ppb
Selenium	82-1	0.86	1.80	1.23	1.30	36.40	ppb
Silicon	28-1	6570.13	6501.64	6563.57	6545.11	0.58	ppb
Silver	109-1	0.34	0.32	0.35	0.34	4.33	ppb
Silver	107-1	0.34	0.37	0.32	0.34	7.99	ppb
Sodium	23-2	26556.08	26610.28	26336.69	26501.02	0.55	ppb
Strontium	86-1	439.82	440.75	441.02	440.53	0.14	ppb
Strontium	88-1	449.91	447.72	452.09	449.91	0.49	ppb
Sulfur	34-1	9648.39	9388.43	9618.90	9551.91	1.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.14	0.13	0.13	2.53	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	7.49	ppb
Tin	118-1	3.27	3.38	3.12	3.26	4.09	ppb
Titanium	47-1	0.81	0.74	0.89	0.81	9.34	ppb
Uranium	238-1	0.80	0.78	0.76	0.78	2.09	ppb
Vanadium	51-2	2.23	2.27	2.12	2.21	3.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	23.86	23.44	23.17	23.49	1.49	ppb
Zirconium	90-1	0.46	0.38	0.31	0.38	19.68	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-13	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:29:01	DataFile Name :	033SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.49	0.45	0.32	0.42	21.73	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-14 Instrumnet Name : P7
 Client Sample ID : KY030LC001-W-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:32:28 DataFile Name : 034SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.38	2.73	3.98	3.36	18.64	ppb
Antimony	121-1	1.25	1.24	1.25	1.25	0.27	ppb
Arsenic	75-2	1.87	2.01	2.12	2.00	6.23	ppb
Barium	135-1	60.40	60.24	59.91	60.18	0.41	ppb
Barium	137-1	60.85	61.00	60.44	60.77	0.48	ppb
Beryllium	9-1	0.26	0.28	0.28	0.27	3.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	139.62	137.72	146.92	141.42	3.44	ppb
Boron	11-1	141.95	144.41	144.31	143.56	0.97	ppb
Cadmium	111-1	-0.06	-0.10	-0.13	-0.10		ppb
Cadmium	106-1	-1.54	-2.04	-2.26	-1.95		ppb
Cadmium	108-1	0.04	0.06	0.12	0.07	57.36	ppb
Calcium	43-1	73808.63	73564.64	73677.89	73683.72	0.17	ppb
Calcium	44-1	73973.25	74162.45	74423.03	74186.24	0.30	ppb
Chromium	52-2	0.81	0.75	0.78	0.78	3.73	ppb
Cobalt	59-2	0.06	0.11	0.09	0.09	32.04	ppb
Copper	63-2	8.99	10.23	9.42	9.55	6.59	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	14.72	16.17	15.22	15.37	4.79	ppb
Iron	57-2	92.76	101.34	100.29	98.13	4.77	ppb
Lead	206-1	0.19	0.21	0.19	0.19	6.71	ppb
Lead	207-1	0.18	0.19	0.20	0.19	5.10	ppb
Lead	208-1	0.19	0.21	0.20	0.20	4.48	ppb
Lithium	6-1						%
Magnesium	24-2	7070.62	7664.83	7347.42	7360.95	4.04	ppb
Manganese	55-2	21.49	22.99	21.75	22.08	3.62	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-14	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:32:28	DataFile Name :	034SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.40	0.42	0.42	4.17	ppb
Molybdenum	95-1	0.92	0.91	0.94	0.92	1.97	ppb
Molybdenum	96-1	0.83	0.82	0.81	0.82	1.18	ppb
Molybdenum	97-1	1.03	1.01	0.98	1.01	2.52	ppb
Molybdenum	98-1	0.93	0.90	0.94	0.92	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.85	0.97	0.93	7.22	ppb
Phosphorus	31-2	35.59	13.48	52.80	33.96	58.05	ppb
Potassium	39-2	2553.99	2765.54	2639.49	2653.01	4.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.67	2.78	4.05	3.17	24.30	ppb
Selenium	78-2	1.15	0.13	1.44	0.91	75.45	ppb
Selenium	82-1	0.76	1.84	0.42	1.00	73.52	ppb
Silicon	28-1	6528.95	6545.07	6503.92	6525.98	0.32	ppb
Silver	109-1	0.33	0.30	0.29	0.30	6.55	ppb
Silver	107-1	0.31	0.29	0.27	0.29	6.81	ppb
Sodium	23-2	26590.63	28613.90	27416.02	27540.19	3.69	ppb
Strontium	86-1	358.73	361.43	359.03	359.73	0.41	ppb
Strontium	88-1	367.69	368.11	366.37	367.39	0.25	ppb
Sulfur	34-1	8604.17	8477.82	8627.92	8569.97	0.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.02	0.04	0.03	25.99	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	4.62	ppb
Tin	118-1	2.09	2.09	2.08	2.09	0.15	ppb
Titanium	47-1	0.76	0.65	0.63	0.68	10.44	ppb
Uranium	238-1	0.74	0.76	0.77	0.76	1.72	ppb
Vanadium	51-2	2.32	2.47	2.27	2.35	4.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	20.65	22.11	23.11	21.96	5.63	ppb
Zirconium	90-1	0.19	0.19	0.16	0.18	7.08	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-14	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:32:28	DataFile Name :	034SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.21	0.17	0.19	11.34	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-15	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:35:55	DataFile Name :	035SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.58	13.63	15.57	13.26	18.99	ppb
Antimony	121-1	1.13	1.19	1.19	1.17	3.01	ppb
Arsenic	75-2	0.70	0.75	0.58	0.68	13.31	ppb
Barium	135-1	71.09	70.10	69.87	70.35	0.92	ppb
Barium	137-1	71.60	71.47	70.50	71.19	0.84	ppb
Beryllium	9-1	0.23	0.18	0.23	0.21	13.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	112.74	112.61	112.74	112.70	0.07	ppb
Boron	11-1	117.21	116.37	117.75	117.11	0.60	ppb
Cadmium	111-1	-0.05	-0.12	-0.09	-0.09		ppb
Cadmium	106-1	-2.09	-2.85	-2.24	-2.39		ppb
Cadmium	108-1	0.24	0.18	0.18	0.20	17.39	ppb
Calcium	43-1	114474.95	115623.67	115505.88	115201.50	0.55	ppb
Calcium	44-1	114995.48	116114.87	116072.87	115727.74	0.55	ppb
Chromium	52-2	0.83	0.80	0.80	0.81	2.47	ppb
Cobalt	59-2	0.04	0.04	0.05	0.04	9.13	ppb
Copper	63-2	9.42	9.38	9.24	9.35	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.51	22.09	21.72	21.77	1.36	ppb
Iron	57-2	139.17	146.81	153.23	146.40	4.81	ppb
Lead	206-1	0.51	0.47	0.51	0.50	4.01	ppb
Lead	207-1	0.47	0.51	0.47	0.48	5.23	ppb
Lead	208-1	0.48	0.48	0.48	0.48	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	9943.00	9977.38	9934.22	9951.53	0.23	ppb
Manganese	55-2	2.27	2.58	2.29	2.38	7.28	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-15	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:35:55	DataFile Name :	035SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.28	0.26	0.27	4.15	ppb
Molybdenum	95-1	0.51	0.51	0.55	0.52	4.09	ppb
Molybdenum	96-1	0.42	0.40	0.42	0.42	2.58	ppb
Molybdenum	97-1	0.53	0.55	0.65	0.58	11.83	ppb
Molybdenum	98-1	0.49	0.46	0.50	0.49	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.42	0.56	0.45	19.81	ppb
Phosphorus	31-2	13.79	28.46	16.47	19.57	39.91	ppb
Potassium	39-2	1837.67	1860.14	1840.39	1846.07	0.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.31	1.33	1.99	2.88	74.14	ppb
Selenium	78-2	2.74	2.42	2.50	2.55	6.61	ppb
Selenium	82-1	3.61	2.78	0.93	2.44	56.35	ppb
Silicon	28-1	8342.69	8362.71	8367.80	8357.73	0.16	ppb
Silver	109-1	0.29	0.25	0.27	0.27	8.64	ppb
Silver	107-1	0.25	0.27	0.24	0.26	6.59	ppb
Sodium	23-2	16378.84	16400.83	16337.35	16372.34	0.20	ppb
Strontium	86-1	637.47	629.99	627.63	631.70	0.81	ppb
Strontium	88-1	651.02	639.30	643.24	644.52	0.93	ppb
Sulfur	34-1	7076.10	7244.04	7150.18	7156.77	1.18	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.01	24.97	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.01	ppb
Tin	118-1	1.37	1.37	1.41	1.38	1.43	ppb
Titanium	47-1	1.25	1.06	1.06	1.12	9.68	ppb
Uranium	238-1	1.19	1.17	1.17	1.18	0.85	ppb
Vanadium	51-2	2.73	2.57	2.79	2.70	4.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	24.69	25.92	26.36	25.66	3.37	ppb
Zirconium	90-1	0.16	0.16	0.16	0.16	2.60	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-15	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:35:55	DataFile Name :	035SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.22	0.17	0.18	21.22	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-16 Instrumnet Name : P7
 Client Sample ID : KY030LC006-W-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:39:24 DataFile Name : 036SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.33	8.24	6.57	6.38	30.79	ppb
Antimony	121-1	1.20	1.16	1.29	1.21	5.51	ppb
Arsenic	75-2	2.09	2.22	2.14	2.15	3.14	ppb
Barium	135-1	76.33	74.43	74.02	74.92	1.64	ppb
Barium	137-1	76.43	75.80	76.55	76.26	0.53	ppb
Beryllium	9-1	0.20	0.17	0.20	0.19	10.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	145.21	141.00	144.72	143.64	1.60	ppb
Boron	11-1	146.99	148.53	151.24	148.92	1.44	ppb
Cadmium	111-1	-0.06	-0.15	-0.15	-0.12		ppb
Cadmium	106-1	-1.34	-2.37	-2.33	-2.01		ppb
Cadmium	108-1	0.01	0.04	0.15	0.07	113.79	ppb
Calcium	43-1	79511.84	79663.80	79186.05	79453.90	0.31	ppb
Calcium	44-1	80192.57	79836.16	79983.15	80003.96	0.22	ppb
Chromium	52-2	0.76	0.74	0.78	0.76	2.63	ppb
Cobalt	59-2	0.10	0.11	0.09	0.10	11.32	ppb
Copper	63-2	8.04	8.08	8.18	8.10	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.93	13.58	14.00	13.84	1.64	ppb
Iron	57-2	113.54	98.86	96.99	103.13	8.79	ppb
Lead	206-1	0.14	0.14	0.14	0.14	3.14	ppb
Lead	207-1	0.14	0.16	0.14	0.15	5.54	ppb
Lead	208-1	0.15	0.15	0.14	0.15	2.49	ppb
Lithium	6-1						%
Magnesium	24-2	7740.88	7743.61	7711.37	7731.95	0.23	ppb
Manganese	55-2	44.68	45.20	45.60	45.16	1.02	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:39:24	DataFile Name :	036SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.56	0.53	0.54	0.54	2.50	ppb
Molybdenum	95-1	0.88	0.97	0.92	0.92	5.08	ppb
Molybdenum	96-1	0.82	0.87	0.84	0.84	3.14	ppb
Molybdenum	97-1	0.91	0.99	0.96	0.95	4.51	ppb
Molybdenum	98-1	0.91	0.92	1.00	0.94	5.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.01	1.06	1.00	7.23	ppb
Phosphorus	31-2	24.06	47.07	6.07	25.73	79.87	ppb
Potassium	39-2	2638.61	2615.32	2644.01	2632.65	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.68	1.35	2.70	1.58	65.16	ppb
Selenium	78-2	0.55	1.22	0.86	0.88	38.27	ppb
Selenium	82-1	-0.36	1.47	0.37	0.49	186.84	ppb
Silicon	28-1	7367.46	7383.10	7375.01	7375.19	0.11	ppb
Silver	109-1	0.25	0.26	0.26	0.26	3.68	ppb
Silver	107-1	0.23	0.24	0.25	0.24	4.91	ppb
Sodium	23-2	30786.71	30504.67	30852.56	30714.65	0.60	ppb
Strontium	86-1	372.82	374.16	369.78	372.25	0.60	ppb
Strontium	88-1	381.82	382.40	379.60	381.28	0.39	ppb
Sulfur	34-1	8598.08	8616.22	8598.55	8604.29	0.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.00	0.01	82.72	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	33.33	ppb
Tin	118-1	1.20	1.16	1.27	1.21	4.93	ppb
Titanium	47-1	0.85	0.67	0.82	0.78	12.31	ppb
Uranium	238-1	0.84	0.82	0.82	0.82	1.42	ppb
Vanadium	51-2	2.23	2.19	2.14	2.19	2.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	19.38	19.99	19.56	19.64	1.58	ppb
Zirconium	90-1	0.36	0.36	0.39	0.37	4.33	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:39:24	DataFile Name :	036SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.40	0.35	0.38	7.12	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-17 Instrumnet Name : P7
 Client Sample ID : DUP-0422-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:42:52 DataFile Name : 037SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.59	2.65	2.51	2.25	25.61	ppb
Antimony	121-1	1.23	1.19	1.21	1.21	1.71	ppb
Arsenic	75-2	2.06	1.98	1.99	2.01	2.03	ppb
Barium	135-1	58.31	58.56	57.26	58.04	1.18	ppb
Barium	137-1	59.54	60.96	58.46	59.65	2.10	ppb
Beryllium	9-1	0.15	0.14	0.15	0.15	2.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	131.39	134.77	129.89	132.01	1.89	ppb
Boron	11-1	133.09	132.17	133.96	133.07	0.67	ppb
Cadmium	111-1	-0.16	-0.18	-0.15	-0.16		ppb
Cadmium	106-1	-2.38	-2.82	-2.49	-2.56		ppb
Cadmium	108-1	0.07	0.04	-0.02	0.03	151.09	ppb
Calcium	43-1	74891.14	75520.41	75199.81	75203.79	0.42	ppb
Calcium	44-1	74816.08	76233.77	76060.12	75703.33	1.02	ppb
Chromium	52-2	0.52	0.52	0.50	0.51	2.29	ppb
Cobalt	59-2	0.07	0.06	0.08	0.07	13.24	ppb
Copper	63-2	8.43	8.58	8.82	8.61	2.31	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	8.36	8.03	7.79	8.06	3.56	ppb
Iron	57-2	83.78	100.18	90.83	91.60	8.98	ppb
Lead	206-1	0.14	0.11	0.13	0.13	12.30	ppb
Lead	207-1	0.14	0.13	0.13	0.13	5.12	ppb
Lead	208-1	0.14	0.13	0.13	0.13	1.43	ppb
Lithium	6-1						%
Magnesium	24-2	9769.38	9715.82	9740.35	9741.85	0.28	ppb
Manganese	55-2	13.52	13.50	13.84	13.62	1.38	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0422-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:42:52	DataFile Name :	037SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.31	0.32	0.36	0.33	6.59	ppb
Molybdenum	95-1	0.85	0.87	0.95	0.89	6.33	ppb
Molybdenum	96-1	0.83	0.85	0.88	0.85	3.27	ppb
Molybdenum	97-1	0.96	0.87	0.83	0.89	7.40	ppb
Molybdenum	98-1	0.96	0.93	0.91	0.93	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.80	0.67	0.74	8.36	ppb
Phosphorus	31-2	39.38	18.28	42.18	33.28	39.26	ppb
Potassium	39-2	2801.12	2791.79	2780.71	2791.21	0.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.71	2.71	2.03	2.48	15.72	ppb
Selenium	78-2	0.29	1.10	0.52	0.64	65.53	ppb
Selenium	82-1	0.66	1.46	0.67	0.93	49.51	ppb
Silicon	28-1	6140.05	6198.57	6195.97	6178.20	0.54	ppb
Silver	109-1	0.23	0.23	0.20	0.22	8.21	ppb
Silver	107-1	0.21	0.25	0.25	0.24	8.49	ppb
Sodium	23-2	26386.74	26349.65	26319.59	26351.99	0.13	ppb
Strontium	86-1	542.25	544.28	539.16	541.89	0.48	ppb
Strontium	88-1	550.68	557.15	553.81	553.88	0.58	ppb
Sulfur	34-1	12027.06	12135.16	12047.47	12069.89	0.48	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	145.66	ppb
Tin	118-1	1.20	1.32	1.15	1.23	6.90	ppb
Titanium	47-1	0.68	0.61	0.73	0.68	9.39	ppb
Uranium	238-1	0.79	0.81	0.77	0.79	2.47	ppb
Vanadium	51-2	2.89	2.86	2.92	2.89	0.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	19.79	20.72	20.77	20.43	2.72	ppb
Zirconium	90-1	0.12	0.08	0.10	0.10	21.88	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0422-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:42:52	DataFile Name :	037SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.09	0.09	6.45	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-10	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:46:20	DataFile Name :	038SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.19	3.31	3.71	3.74	11.79	ppb
Antimony	121-1	1.18	1.24	1.17	1.20	2.98	ppb
Arsenic	75-2	2.27	1.92	2.04	2.08	8.60	ppb
Barium	135-1	72.04	71.69	71.03	71.59	0.72	ppb
Barium	137-1	72.66	72.68	72.44	72.59	0.18	ppb
Beryllium	9-1	0.12	0.11	0.16	0.13	21.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	162.23	165.25	163.61	163.69	0.92	ppb
Boron	11-1	170.50	167.83	172.02	170.12	1.25	ppb
Cadmium	111-1	-0.03	-0.13	-0.15	-0.11		ppb
Cadmium	106-1	-0.57	-2.01	-2.20	-1.59		ppb
Cadmium	108-1	0.01	0.07	-0.02	0.02	229.03	ppb
Calcium	43-1	76949.05	77261.02	77662.04	77290.70	0.46	ppb
Calcium	44-1	78102.71	78400.64	78674.62	78392.65	0.36	ppb
Chromium	52-2	0.79	0.79	0.87	0.82	5.79	ppb
Cobalt	59-2	0.06	0.08	0.07	0.07	10.79	ppb
Copper	63-2	7.04	7.28	7.01	7.11	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8.83	9.17	8.84	8.95	2.20	ppb
Iron	57-2	94.53	95.13	91.57	93.74	2.03	ppb
Lead	206-1	0.14	0.13	0.17	0.15	16.79	ppb
Lead	207-1	0.14	0.12	0.12	0.13	7.34	ppb
Lead	208-1	0.14	0.14	0.14	0.14	3.06	ppb
Lithium	6-1						%
Magnesium	24-2	8263.74	8387.39	8274.57	8308.57	0.82	ppb
Manganese	55-2	18.29	17.49	18.29	18.02	2.58	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-10	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:46:20	DataFile Name :	038SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.31	0.31	0.30	6.21	ppb
Molybdenum	95-1	0.82	0.94	0.85	0.87	6.68	ppb
Molybdenum	96-1	0.77	0.74	0.69	0.73	5.17	ppb
Molybdenum	97-1	0.84	0.93	0.91	0.89	5.21	ppb
Molybdenum	98-1	0.88	0.84	0.88	0.86	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.84	1.05	0.92	12.24	ppb
Phosphorus	31-2	21.31	27.92	20.99	23.41	16.71	ppb
Potassium	39-2	2771.63	2783.36	2748.99	2767.99	0.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.06	2.05	0.68	1.60	49.61	ppb
Selenium	78-2	1.39	-0.28	0.43	0.51	163.15	ppb
Selenium	82-1	1.06	-0.16	1.18	0.69	106.67	ppb
Silicon	28-1	7568.74	7584.92	7594.08	7582.58	0.17	ppb
Silver	109-1	0.24	0.24	0.23	0.23	1.24	ppb
Silver	107-1	0.22	0.22	0.21	0.22	2.38	ppb
Sodium	23-2	37229.04	37182.57	36781.93	37064.51	0.66	ppb
Strontium	86-1	373.98	376.37	378.07	376.14	0.55	ppb
Strontium	88-1	383.97	384.79	385.47	384.74	0.19	ppb
Sulfur	34-1	11376.34	11444.65	11544.26	11455.08	0.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	94.08	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	4105.30	ppb
Tin	118-1	0.93	1.02	1.04	1.00	5.89	ppb
Titanium	47-1	0.84	0.88	0.70	0.81	11.93	ppb
Uranium	238-1	0.82	0.83	0.83	0.83	1.14	ppb
Vanadium	51-2	2.75	2.87	2.69	2.77	3.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18.55	18.08	19.59	18.74	4.12	ppb
Zirconium	90-1	0.10	0.09	0.09	0.09	6.08	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-10	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:46:20	DataFile Name :	038SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.10	0.07	0.09	20.19	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP010-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:49:48	DataFile Name :	039SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.80	3.54	2.13	2.49	37.04	ppb
Antimony	121-1	1.00	1.08	1.09	1.06	5.15	ppb
Arsenic	75-2	1.29	1.27	1.28	1.28	0.58	ppb
Barium	135-1	68.52	68.12	69.49	68.71	1.03	ppb
Barium	137-1	70.06	70.17	70.99	70.41	0.72	ppb
Beryllium	9-1	0.08	0.11	0.12	0.10	23.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	206.61	205.98	203.79	205.46	0.72	ppb
Boron	11-1	208.33	212.46	213.89	211.56	1.37	ppb
Cadmium	111-1	-0.30	-0.26	-0.20	-0.25		ppb
Cadmium	106-1	-4.10	-3.46	-2.84	-3.47		ppb
Cadmium	108-1	-0.05	0.01	-0.08	-0.04		ppb
Calcium	43-1	108807.08	108814.92	110322.65	109314.89	0.80	ppb
Calcium	44-1	109012.60	110339.11	110609.02	109986.91	0.78	ppb
Chromium	52-2	6.27	6.33	6.17	6.26	1.30	ppb
Cobalt	59-2	0.04	0.05	0.04	0.05	14.11	ppb
Copper	63-2	8.23	8.25	8.39	8.29	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.21	3.89	3.91	4.00	4.60	ppb
Iron	57-2	124.03	126.16	119.91	123.37	2.58	ppb
Lead	206-1	0.17	0.16	0.17	0.17	2.97	ppb
Lead	207-1	0.20	0.16	0.19	0.18	10.88	ppb
Lead	208-1	0.17	0.16	0.19	0.17	10.11	ppb
Lithium	6-1						%
Magnesium	24-2	7627.70	7605.81	7650.75	7628.09	0.29	ppb
Manganese	55-2	0.94	0.87	0.90	0.90	3.64	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP010-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:49:48	DataFile Name :	039SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.19	0.19	0.19	2.60	ppb
Molybdenum	95-1	0.41	0.42	0.41	0.41	1.61	ppb
Molybdenum	96-1	0.37	0.39	0.37	0.38	2.77	ppb
Molybdenum	97-1	0.46	0.40	0.43	0.43	6.98	ppb
Molybdenum	98-1	0.39	0.37	0.48	0.41	14.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.40	0.34	0.30	44.72	ppb
Phosphorus	31-2	10.75	4.65	20.19	11.86	66.03	ppb
Potassium	39-2	2290.42	2288.72	2321.40	2300.18	0.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.21	4.92	6.31	5.15	20.69	ppb
Selenium	78-2	2.83	2.47	2.70	2.67	6.68	ppb
Selenium	82-1	2.44	3.00	2.77	2.74	10.31	ppb
Silicon	28-1	9308.10	9223.74	9300.24	9277.36	0.50	ppb
Silver	109-1	0.23	0.19	0.21	0.21	9.37	ppb
Silver	107-1	0.23	0.19	0.19	0.21	10.56	ppb
Sodium	23-2	46576.67	46551.54	46973.81	46700.67	0.51	ppb
Strontium	86-1	425.07	422.77	422.72	423.52	0.32	ppb
Strontium	88-1	436.96	433.63	431.16	433.92	0.67	ppb
Sulfur	34-1	10385.54	10473.06	10733.37	10530.66	1.72	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.07	1.03	1.07	1.05	2.24	ppb
Titanium	47-1	1.01	0.95	0.98	0.98	3.06	ppb
Uranium	238-1	1.58	1.61	1.62	1.60	1.49	ppb
Vanadium	51-2	3.95	3.90	4.04	3.96	1.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	17.88	18.02	18.87	18.26	2.92	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	3.82	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP010-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:49:48	DataFile Name :	039SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.08	0.03	0.06	43.82	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-12	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:53:16	DataFile Name :	040SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.41	5.04	3.11	4.19	23.52	ppb
Antimony	121-1	1.13	1.08	1.11	1.11	2.07	ppb
Arsenic	75-2	1.20	1.12	0.97	1.10	10.52	ppb
Barium	135-1	74.96	75.82	74.64	75.14	0.82	ppb
Barium	137-1	75.14	76.44	76.72	76.10	1.11	ppb
Beryllium	9-1	0.11	0.08	0.12	0.10	22.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	165.70	162.46	169.17	165.78	2.03	ppb
Boron	11-1	168.78	170.35	167.33	168.82	0.89	ppb
Cadmium	111-1	-0.17	-0.12	-0.20	-0.16		ppb
Cadmium	106-1	-2.40	-1.82	-2.81	-2.34		ppb
Cadmium	108-1	-0.02	0.01	0.04	0.01	315.10	ppb
Calcium	43-1	111353.69	110776.86	111617.30	111249.28	0.39	ppb
Calcium	44-1	111960.50	112280.16	112228.08	112156.25	0.15	ppb
Chromium	52-2	2.93	2.85	2.92	2.90	1.44	ppb
Cobalt	59-2	0.02	0.04	0.05	0.04	38.46	ppb
Copper	63-2	7.05	7.03	7.16	7.08	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9.37	9.61	9.27	9.42	1.84	ppb
Iron	57-2	134.81	128.24	134.89	132.65	2.88	ppb
Lead	206-1	0.11	0.10	0.11	0.11	5.19	ppb
Lead	207-1	0.13	0.12	0.12	0.13	6.10	ppb
Lead	208-1	0.12	0.12	0.12	0.12	3.16	ppb
Lithium	6-1						%
Magnesium	24-2	9195.06	9194.14	9075.71	9154.97	0.75	ppb
Manganese	55-2	1.69	1.56	1.50	1.58	6.24	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-12	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:53:16	DataFile Name :	040SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.30	0.28	0.27	0.28	5.56	ppb
Molybdenum	95-1	0.78	0.76	0.83	0.79	4.07	ppb
Molybdenum	96-1	0.69	0.68	0.68	0.68	1.35	ppb
Molybdenum	97-1	0.77	0.81	0.80	0.79	2.34	ppb
Molybdenum	98-1	0.75	0.79	0.81	0.79	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.18	0.01	0.13	82.94	ppb
Phosphorus	31-2	-10.95	22.19	15.33	8.86	197.55	ppb
Potassium	39-2	2047.73	2103.89	2070.56	2074.06	1.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.75	3.44	2.05	2.75	25.27	ppb
Selenium	78-2	1.29	1.05	3.39	1.91	67.34	ppb
Selenium	82-1	1.67	0.88	1.07	1.21	33.92	ppb
Silicon	28-1	10011.34	10093.34	10092.66	10065.78	0.47	ppb
Silver	109-1	0.18	0.18	0.20	0.19	4.98	ppb
Silver	107-1	0.19	0.22	0.20	0.21	5.73	ppb
Sodium	23-2	29075.31	28968.99	28695.90	28913.40	0.68	ppb
Strontium	86-1	481.09	486.61	485.91	484.53	0.62	ppb
Strontium	88-1	494.53	499.21	498.30	497.35	0.50	ppb
Sulfur	34-1	7001.21	6981.06	7129.64	7037.30	1.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	1288.44	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.05	0.98	1.04	1.02	3.66	ppb
Titanium	47-1	0.87	1.18	1.19	1.08	16.76	ppb
Uranium	238-1	1.85	1.86	1.88	1.86	0.80	ppb
Vanadium	51-2	4.51	4.50	4.26	4.42	3.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.60	16.58	17.20	16.79	2.08	ppb
Zirconium	90-1	0.07	0.06	0.07	0.06	6.41	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-12	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:53:16	DataFile Name :	040SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.10	0.07	51.78	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:01:48	DataFile Name :	042CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48825.17	49134.95	48484.84	48814.99	0.67	ppb
Antimony	121-1	495.31	503.80	505.46	501.52	1.09	ppb
Arsenic	75-2	471.57	476.83	472.76	473.72	0.58	ppb
Barium	135-1	2411.90	2446.10	2440.08	2432.69	0.75	ppb
Barium	137-1	2398.06	2443.60	2440.08	2427.25	1.04	ppb
Beryllium	9-1	467.04	472.96	474.29	471.43	0.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	471.60	482.90	479.26	477.92	1.21	ppb
Boron	11-1	464.43	472.54	476.94	471.30	1.35	ppb
Cadmium	111-1	492.46	495.27	498.87	495.53	0.65	ppb
Cadmium	106-1	494.39	491.10	496.54	494.01	0.55	ppb
Cadmium	108-1	487.88	490.33	496.66	491.62	0.92	ppb
Calcium	43-1	241563.59	247412.84	246611.15	245195.86	1.29	ppb
Calcium	44-1	239857.23	246466.35	245652.13	243991.90	1.48	ppb
Chromium	52-2	521.07	522.30	515.98	519.78	0.64	ppb
Cobalt	59-2	508.15	513.31	504.15	508.54	0.90	ppb
Copper	63-2	961.86	966.40	948.15	958.80	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	130738.31	131460.86	129627.25	130608.81	0.71	ppb
Iron	57-2	130805.48	132285.89	130140.35	131077.24	0.84	ppb
Lead	206-1	506.27	510.86	512.18	509.77	0.61	ppb
Lead	207-1	498.05	506.34	505.52	503.30	0.91	ppb
Lead	208-1	506.82	515.58	516.40	512.93	1.04	ppb
Lithium	6-1						%
Magnesium	24-2	239442.82	239733.82	237063.96	238746.87	0.61	ppb
Manganese	55-2	1025.41	1027.94	1013.49	1022.28	0.75	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:01:48	DataFile Name :	042CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	507.84	510.52	504.66	507.67	0.58	ppb
Molybdenum	95-1	489.76	493.86	490.93	491.52	0.43	ppb
Molybdenum	96-1	492.40	497.30	495.58	495.09	0.50	ppb
Molybdenum	97-1	493.78	498.22	494.48	495.49	0.48	ppb
Molybdenum	98-1	500.11	501.49	500.69	500.76	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.93	512.23	508.28	511.48	0.57	ppb
Phosphorus	31-2	9882.30	9717.85	9831.73	9810.63	0.86	ppb
Potassium	39-2	121943.32	121651.12	120226.78	121273.74	0.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	426.65	446.12	477.32	450.03	5.68	ppb
Selenium	78-2	477.57	477.87	488.50	481.31	1.29	ppb
Selenium	82-1	476.00	477.53	469.67	474.40	0.88	ppb
Silicon	28-1	745.84	787.58	805.80	779.74	3.94	ppb
Silver	109-1	498.32	497.49	500.38	498.73	0.30	ppb
Silver	107-1	502.95	501.40	504.46	502.94	0.30	ppb
Sodium	23-2	245453.90	245621.88	241040.41	244038.73	1.06	ppb
Strontium	86-1	506.47	508.11	504.61	506.39	0.35	ppb
Strontium	88-1	511.99	520.38	518.22	516.87	0.84	ppb
Sulfur	34-1	9590.74	10003.37	9998.27	9864.13	2.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	511.03	518.04	518.98	516.02	0.84	ppb
Thallium	205-1	520.52	523.37	521.73	521.88	0.27	ppb
Tin	118-1	467.91	472.96	473.72	471.53	0.67	ppb
Titanium	47-1	491.39	506.62	507.44	501.82	1.80	ppb
Uranium	238-1	525.02	535.41	533.19	531.21	1.03	ppb
Vanadium	51-2	517.97	516.10	508.77	514.28	0.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	964.42	967.57	953.51	961.83	0.77	ppb
Zirconium	90-1	508.21	511.77	504.92	508.30	0.67	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:01:48	DataFile Name :	042CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.64	508.51	503.12	504.76	0.65	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:08:39 DataFile Name : 043CCBE_P7071217 -M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	0.21	-0.29	-0.13		ppb
Antimony	121-1	0.31	0.30	0.33	0.31	3.77	ppb
Arsenic	75-2	0.05	0.09	0.13	0.09	46.25	ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.03	-0.02		ppb
Beryllium	9-1	0.35	0.34	0.30	0.33	6.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.62	15.18	14.45	14.75	2.60	ppb
Boron	11-1	15.78	15.81	15.24	15.61	2.05	ppb
Cadmium	111-1	-0.16	-0.08	0.01	-0.08		ppb
Cadmium	106-1	-2.23	-1.12	0.06	-1.10		ppb
Cadmium	108-1	-0.08	0.04	0.04	0.00	3221.37	ppb
Calcium	43-1	1.13	-1.49	-1.30	-0.56		ppb
Calcium	44-1	0.76	2.17	0.59	1.17	74.14	ppb
Chromium	52-2	0.00	0.00	0.07	0.02	150.21	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.60	0.61	0.67	0.63	6.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.88	2.86	3.04	2.93	3.43	ppb
Iron	57-2	2.07	2.38	3.08	2.51	20.76	ppb
Lead	206-1	0.07	0.07	0.06	0.07	10.11	ppb
Lead	207-1	0.07	0.07	0.06	0.07	7.13	ppb
Lead	208-1	0.08	0.08	0.07	0.07	8.22	ppb
Lithium	6-1						%
Magnesium	24-2	-9.28	-9.94	-9.09	-9.44		ppb
Manganese	55-2	-0.19	-0.26	-0.21	-0.22		ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:08:39	DataFile Name :	043CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.10	0.07	0.08	16.95	ppb
Molybdenum	95-1	0.10	0.07	0.09	0.09	17.80	ppb
Molybdenum	96-1	0.06	0.12	0.08	0.09	33.52	ppb
Molybdenum	97-1	0.11	0.12	0.07	0.10	26.91	ppb
Molybdenum	98-1	0.12	0.07	0.11	0.10	24.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.56	-0.55	-0.58	-0.56		ppb
Phosphorus	31-2	3.80	-2.48	-21.74	-6.81		ppb
Potassium	39-2	3.68	-0.21	7.07	3.51	103.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.63	0.21	173.21	ppb
Selenium	78-2	-0.83	-0.22	0.37	-0.23		ppb
Selenium	82-1	-0.10	-0.99	0.15	-0.31		ppb
Silicon	28-1	-2.14	-0.03	-2.98	-1.72		ppb
Silver	109-1	0.07	0.07	0.06	0.07	12.61	ppb
Silver	107-1	0.07	0.08	0.07	0.07	4.68	ppb
Sodium	23-2	37.55	37.93	38.46	37.98	1.21	ppb
Strontium	86-1	0.05	-0.01	-0.01	0.01	316.80	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	647.69	ppb
Sulfur	34-1	-582.15	-461.24	-667.57	-570.32		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.00	0.01	0.01	63.11	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	26.93	ppb
Tin	118-1	0.23	0.21	0.19	0.21	10.15	ppb
Titanium	47-1	0.00	-0.02	-0.01	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	45.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.87	0.73	0.97	0.86	14.36	ppb
Zirconium	90-1	0.09	0.08	0.10	0.09	10.92	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:08:39	DataFile Name :	043CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.05	0.11	0.09	33.24	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4125-13 Instrumnet Name : P7
 Client Sample ID : KY0300F001-170706 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:12:08 DataFile Name : 044SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.44	3.65	2.53	2.54	43.43	ppb
Antimony	121-1	4.55	3.78	3.43	3.92	14.70	ppb
Arsenic	75-2	0.97	1.07	1.13	1.06	7.82	ppb
Barium	135-1	127.98	126.22	126.75	126.98	0.71	ppb
Barium	137-1	129.64	130.74	129.99	130.13	0.43	ppb
Beryllium	9-1	0.18	0.21	0.14	0.18	22.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	216.84	217.71	219.52	218.02	0.63	ppb
Boron	11-1	220.36	222.18	225.59	222.71	1.19	ppb
Cadmium	111-1	0.06	0.11	0.08	0.08	26.69	ppb
Cadmium	106-1	-2.73	-2.08	-1.42	-2.08		ppb
Cadmium	108-1	0.42	0.24	0.36	0.34	25.73	ppb
Calcium	43-1	118216.80	118946.44	118737.96	118633.73	0.32	ppb
Calcium	44-1	119014.29	118655.76	120300.43	119323.49	0.72	ppb
Chromium	52-2	19.85	19.92	19.49	19.76	1.17	ppb
Cobalt	59-2	0.50	0.53	0.50	0.51	3.73	ppb
Copper	63-2	6.95	7.15	7.33	7.15	2.68	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	19.78	19.05	19.28	19.37	1.91	ppb
Iron	57-2	147.30	146.78	151.48	148.52	1.74	ppb
Lead	206-1	0.23	0.17	0.18	0.19	15.49	ppb
Lead	207-1	0.21	0.18	0.20	0.20	6.41	ppb
Lead	208-1	0.22	0.19	0.19	0.20	8.71	ppb
Lithium	6-1						%
Magnesium	24-2	15186.23	15318.29	15243.35	15249.29	0.43	ppb
Manganese	55-2	69.48	69.78	69.24	69.50	0.39	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-13	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:12:08	DataFile Name :	044SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.05	1.92	1.92	1.96	3.69	ppb
Molybdenum	95-1	4.47	4.59	4.50	4.52	1.38	ppb
Molybdenum	96-1	3.97	3.99	3.89	3.95	1.34	ppb
Molybdenum	97-1	4.80	4.60	4.72	4.71	2.08	ppb
Molybdenum	98-1	4.48	4.91	4.72	4.70	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.59	9.18	9.23	9.00	3.99	ppb
Phosphorus	31-2	33.68	-7.85	24.78	16.87	129.61	ppb
Potassium	39-2	2719.15	2757.93	2761.04	2746.04	0.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.69	2.10	1.38	1.39	50.65	ppb
Selenium	78-2	2.72	1.23	1.30	1.75	48.15	ppb
Selenium	82-1	1.13	1.81	2.00	1.65	27.89	ppb
Silicon	28-1	8855.77	8849.63	8877.15	8860.85	0.16	ppb
Silver	109-1	0.65	0.60	0.52	0.59	11.12	ppb
Silver	107-1	0.69	0.63	0.52	0.61	14.03	ppb
Sodium	23-2	52296.76	52268.70	52397.10	52320.85	0.13	ppb
Strontium	86-1	675.09	666.97	667.29	669.78	0.69	ppb
Strontium	88-1	682.58	678.64	685.06	682.09	0.47	ppb
Sulfur	34-1	19553.21	19749.69	19523.16	19608.69	0.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.07	0.07	0.07	1.52	ppb
Thallium	205-1	0.09	0.06	0.07	0.07	21.58	ppb
Tin	118-1	1.89	1.80	1.84	1.84	2.36	ppb
Titanium	47-1	1.01	0.99	0.83	0.95	10.35	ppb
Uranium	238-1	1.91	1.99	1.97	1.96	2.34	ppb
Vanadium	51-2	3.20	3.42	3.40	3.34	3.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	20.38	21.08	20.28	20.58	2.10	ppb
Zirconium	90-1	0.89	0.83	0.67	0.80	14.82	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-13	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:12:08	DataFile Name :	044SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.74	0.69	0.76	9.63	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4125-14 Instrumnet Name : P7
 Client Sample ID : KY030LC011-W-170706 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:15:35 DataFile Name : 045SMPL_P7071217 -M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.46	1.52	2.62	2.20	26.95	ppb
Antimony	121-1	1.61	1.58	1.68	1.62	3.40	ppb
Arsenic	75-2	1.90	1.72	1.58	1.74	9.08	ppb
Barium	135-1	52.04	51.47	51.27	51.59	0.77	ppb
Barium	137-1	51.89	51.74	51.58	51.74	0.31	ppb
Beryllium	9-1	0.15	0.16	0.15	0.15	4.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	125.75	120.59	120.04	122.13	2.58	ppb
Boron	11-1	126.06	128.33	126.95	127.11	0.90	ppb
Cadmium	111-1	-0.15	-0.14	-0.27	-0.19		ppb
Cadmium	106-1	-2.14	-2.19	-3.75	-2.69		ppb
Cadmium	108-1	0.10	0.04	0.04	0.06	56.80	ppb
Calcium	43-1	73048.24	73981.61	74092.87	73707.57	0.78	ppb
Calcium	44-1	73428.18	74503.62	75053.82	74328.54	1.11	ppb
Chromium	52-2	0.60	0.65	0.61	0.62	4.05	ppb
Cobalt	59-2	0.08	0.10	0.04	0.07	37.06	ppb
Copper	63-2	6.59	6.81	6.43	6.61	2.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10.76	11.16	11.32	11.08	2.59	ppb
Iron	57-2	87.50	93.44	96.66	92.54	5.02	ppb
Lead	206-1	0.17	0.19	0.18	0.18	6.23	ppb
Lead	207-1	0.13	0.15	0.17	0.15	15.20	ppb
Lead	208-1	0.15	0.17	0.17	0.16	4.44	ppb
Lithium	6-1						%
Magnesium	24-2	7159.39	7288.88	7166.41	7204.90	1.01	ppb
Manganese	55-2	13.56	13.52	13.50	13.53	0.23	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4125-14 Instrumnet Name : P7
 Client Sample ID : KY030LC011-W-170706 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:15:35 DataFile Name : 045SMPL_P7071217 -M1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.51	0.49	0.53	0.51	3.73	ppb
Molybdenum	95-1	0.84	0.81	0.86	0.84	2.77	ppb
Molybdenum	96-1	0.72	0.78	0.73	0.74	4.11	ppb
Molybdenum	97-1	0.83	0.86	0.85	0.85	1.99	ppb
Molybdenum	98-1	0.85	0.87	0.82	0.84	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.61	0.66	0.63	4.60	ppb
Phosphorus	31-2	1.95	30.26	8.16	13.46	110.57	ppb
Potassium	39-2	2639.93	2683.00	2631.78	2651.57	1.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.70	0.71	2.82	1.41	86.58	ppb
Selenium	78-2	0.66	-0.18	0.06	0.18	239.86	ppb
Selenium	82-1	1.19	0.84	0.70	0.91	28.02	ppb
Silicon	28-1	6452.64	6524.96	6590.46	6522.69	1.06	ppb
Silver	109-1	0.33	0.35	0.36	0.35	5.40	ppb
Silver	107-1	0.35	0.31	0.33	0.33	7.03	ppb
Sodium	23-2	24057.31	24310.42	24096.86	24154.86	0.56	ppb
Strontium	86-1	350.53	353.18	351.54	351.75	0.38	ppb
Strontium	88-1	360.18	360.87	358.49	359.85	0.34	ppb
Sulfur	34-1	7368.58	7335.62	7630.84	7445.01	2.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	185.54	ppb
Tin	118-1	1.23	1.26	1.27	1.25	2.02	ppb
Titanium	47-1	0.68	0.71	0.63	0.68	6.11	ppb
Uranium	238-1	0.73	0.74	0.76	0.74	2.16	ppb
Vanadium	51-2	2.24	2.33	2.19	2.25	3.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18.01	17.64	18.80	18.15	3.26	ppb
Zirconium	90-1	0.38	0.38	0.36	0.37	2.02	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-14	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-W-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:15:35	DataFile Name :	045SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.42	0.40	0.36	0.39	7.89	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-15	Instrumnet Name :	P7
Client Sample ID :	KY0300F003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:19:04	DataFile Name :	046SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.79	2.05	1.88	2.24	21.61	ppb
Antimony	121-1	1.30	1.25	1.31	1.29	2.49	ppb
Arsenic	75-2	0.88	0.90	0.98	0.92	5.51	ppb
Barium	135-1	58.63	56.83	56.95	57.47	1.75	ppb
Barium	137-1	58.73	57.88	58.03	58.21	0.78	ppb
Beryllium	9-1	0.15	0.11	0.14	0.14	13.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	152.26	153.91	152.34	152.84	0.61	ppb
Boron	11-1	157.59	157.66	159.55	158.26	0.70	ppb
Cadmium	111-1	-0.18	-0.26	-0.20	-0.21		ppb
Cadmium	106-1	-2.36	-3.50	-2.77	-2.88		ppb
Cadmium	108-1	0.10	0.10	0.01	0.07	72.15	ppb
Calcium	43-1	92727.79	93695.20	93235.95	93219.65	0.52	ppb
Calcium	44-1	93617.49	93623.05	93939.92	93726.82	0.20	ppb
Chromium	52-2	1.17	1.16	1.21	1.18	2.22	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	4.09	ppb
Copper	63-2	6.22	6.37	6.07	6.22	2.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.35	7.38	7.62	7.45	2.02	ppb
Iron	57-2	110.80	122.81	106.00	113.20	7.65	ppb
Lead	206-1	0.12	0.13	0.14	0.13	6.20	ppb
Lead	207-1	0.09	0.12	0.13	0.11	16.46	ppb
Lead	208-1	0.12	0.12	0.13	0.12	2.30	ppb
Lithium	6-1						%
Magnesium	24-2	7410.88	7536.12	7463.40	7470.13	0.84	ppb
Manganese	55-2	0.84	0.79	0.95	0.86	9.34	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-15	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:19:04	DataFile Name :	046SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.30	0.33	0.30	0.31	6.04	ppb
Molybdenum	95-1	0.58	0.60	0.55	0.58	4.04	ppb
Molybdenum	96-1	0.49	0.51	0.54	0.51	4.27	ppb
Molybdenum	97-1	0.63	0.56	0.60	0.60	5.93	ppb
Molybdenum	98-1	0.57	0.62	0.62	0.60	4.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.21	0.09	0.14	48.34	ppb
Phosphorus	31-2	35.75	33.50	0.44	23.23	85.10	ppb
Potassium	39-2	1780.46	1801.69	1770.27	1784.14	0.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.38	2.75	2.06	2.06	33.30	ppb
Selenium	78-2	1.29	1.41	1.76	1.49	16.55	ppb
Selenium	82-1	2.64	1.23	2.45	2.11	36.27	ppb
Silicon	28-1	9694.07	9710.24	9751.90	9718.74	0.31	ppb
Silver	109-1	0.28	0.24	0.25	0.26	8.67	ppb
Silver	107-1	0.27	0.28	0.27	0.27	3.34	ppb
Sodium	23-2	33459.59	34289.79	33954.83	33901.40	1.23	ppb
Strontium	86-1	352.38	351.41	347.46	350.42	0.74	ppb
Strontium	88-1	359.65	362.22	359.87	360.58	0.40	ppb
Sulfur	34-1	6734.74	6891.81	6777.87	6801.48	1.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	272.30	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.86	0.87	0.87	0.87	0.47	ppb
Titanium	47-1	0.97	0.90	0.66	0.84	19.70	ppb
Uranium	238-1	1.23	1.22	1.22	1.22	0.36	ppb
Vanadium	51-2	3.54	3.69	3.72	3.65	2.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	21.63	21.35	22.32	21.77	2.31	ppb
Zirconium	90-1	0.21	0.20	0.18	0.20	5.63	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-15	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:19:04	DataFile Name :	046SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.20	0.17	0.19	8.59	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4125-16 Instrumnet Name : P7
 Client Sample ID : KY030LC015-W-170706 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:22:32 DataFile Name : 047SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.89	0.83	1.28	1.33	40.00	ppb
Antimony	121-1	1.37	1.40	1.38	1.38	1.00	ppb
Arsenic	75-2	2.20	2.37	2.43	2.33	5.08	ppb
Barium	135-1	53.23	53.55	52.97	53.25	0.55	ppb
Barium	137-1	54.97	53.26	53.88	54.03	1.60	ppb
Beryllium	9-1	0.13	0.12	0.13	0.12	5.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	131.37	126.31	129.17	128.95	1.97	ppb
Boron	11-1	131.61	133.35	131.46	132.14	0.80	ppb
Cadmium	111-1	-0.07	-0.20	-0.10	-0.12		ppb
Cadmium	106-1	-1.19	-2.77	-1.56	-1.84		ppb
Cadmium	108-1	0.13	-0.02	-0.05	0.02	459.11	ppb
Calcium	43-1	70860.41	71760.50	70614.56	71078.49	0.85	ppb
Calcium	44-1	70856.93	71903.07	71972.91	71577.64	0.87	ppb
Chromium	52-2	0.50	0.61	0.55	0.55	9.26	ppb
Cobalt	59-2	0.13	0.12	0.11	0.12	4.70	ppb
Copper	63-2	6.47	6.70	6.45	6.54	2.14	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	18.91	19.28	18.65	18.94	1.67	ppb
Iron	57-2	97.04	98.49	96.54	97.36	1.04	ppb
Lead	206-1	0.10	0.09	0.10	0.10	8.83	ppb
Lead	207-1	0.11	0.10	0.12	0.11	9.83	ppb
Lead	208-1	0.10	0.10	0.11	0.10	9.31	ppb
Lithium	6-1						%
Magnesium	24-2	7513.16	7553.58	7519.25	7528.66	0.29	ppb
Manganese	55-2	35.59	36.12	36.26	35.99	0.99	ppb

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4125-16 Instrumnet Name : P7
 Client Sample ID : KY030LC015-W-170706 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:22:32 DataFile Name : 047SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.40	0.39	0.42	0.40	4.58	ppb
Molybdenum	95-1	0.87	0.88	0.90	0.88	1.61	ppb
Molybdenum	96-1	0.83	0.81	0.76	0.80	4.38	ppb
Molybdenum	97-1	0.93	0.86	0.91	0.90	4.09	ppb
Molybdenum	98-1	0.89	0.94	0.93	0.92	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.67	0.67	0.70	8.01	ppb
Phosphorus	31-2	24.43	37.09	33.22	31.58	20.55	ppb
Potassium	39-2	2889.46	2912.33	2943.06	2914.95	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.74	2.75	2.74	2.74	0.28	ppb
Selenium	78-2	1.74	0.22	0.32	0.76	112.00	ppb
Selenium	82-1	0.12	1.16	1.29	0.86	74.47	ppb
Silicon	28-1	6126.26	6247.99	6225.54	6199.93	1.04	ppb
Silver	109-1	0.25	0.25	0.26	0.25	3.32	ppb
Silver	107-1	0.25	0.23	0.23	0.24	3.25	ppb
Sodium	23-2	24542.01	24673.45	24411.03	24542.16	0.53	ppb
Strontium	86-1	364.28	366.98	366.95	366.07	0.42	ppb
Strontium	88-1	371.22	377.94	376.42	375.19	0.94	ppb
Sulfur	34-1	8188.47	8511.48	8272.40	8324.12	2.01	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	95.74	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.81	0.81	0.85	0.82	3.33	ppb
Titanium	47-1	0.81	0.59	0.76	0.72	15.55	ppb
Uranium	238-1	0.61	0.62	0.66	0.63	3.97	ppb
Vanadium	51-2	2.26	2.26	2.23	2.25	0.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	15.59	15.47	16.11	15.72	2.18	ppb
Zirconium	90-1	0.19	0.16	0.17	0.17	7.78	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-W-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:22:32	DataFile Name :	047SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.19	0.17	0.18	5.27	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0424-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:25:59	DataFile Name :	048SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.60	1.00	3.34	1.98	61.28	ppb
Antimony	121-1	1.40	1.37	1.40	1.39	1.20	ppb
Arsenic	75-2	1.66	1.82	1.98	1.82	8.62	ppb
Barium	135-1	52.64	53.35	52.03	52.68	1.26	ppb
Barium	137-1	52.70	54.09	53.07	53.29	1.35	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	3.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	126.42	130.61	126.90	127.98	1.79	ppb
Boron	11-1	129.50	133.32	133.82	132.21	1.79	ppb
Cadmium	111-1	-0.18	-0.20	-0.20	-0.19		ppb
Cadmium	106-1	-2.35	-2.74	-2.68	-2.59		ppb
Cadmium	108-1	0.07	0.10	0.04	0.07	44.42	ppb
Calcium	43-1	74804.53	74468.06	74701.45	74658.01	0.23	ppb
Calcium	44-1	76396.15	75401.51	76069.66	75955.77	0.67	ppb
Chromium	52-2	0.61	0.55	0.52	0.56	7.96	ppb
Cobalt	59-2	0.05	0.08	0.06	0.06	22.74	ppb
Copper	63-2	6.29	6.31	6.23	6.28	0.70	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	9.43	9.67	9.33	9.48	1.86	ppb
Iron	57-2	88.16	93.13	90.32	90.54	2.76	ppb
Lead	206-1	0.12	0.10	0.12	0.11	7.35	ppb
Lead	207-1	0.11	0.10	0.09	0.10	8.84	ppb
Lead	208-1	0.10	0.11	0.11	0.11	2.29	ppb
Lithium	6-1						%
Magnesium	24-2	7183.78	7236.75	7264.30	7228.27	0.57	ppb
Manganese	55-2	12.56	12.51	12.81	12.63	1.28	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0424-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:25:59	DataFile Name :	048SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.36	0.35	0.38	0.36	4.44	ppb
Molybdenum	95-1	0.95	0.76	0.85	0.85	11.49	ppb
Molybdenum	96-1	0.69	0.72	0.77	0.73	5.74	ppb
Molybdenum	97-1	0.83	0.92	0.81	0.85	6.42	ppb
Molybdenum	98-1	0.86	0.86	0.82	0.85	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.78	0.69	0.75	6.38	ppb
Phosphorus	31-2	27.93	7.43	7.27	14.21	83.61	ppb
Potassium	39-2	2618.19	2646.28	2650.86	2638.44	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.08	3.46	1.85	94.28	ppb
Selenium	78-2	1.06	0.84	1.66	1.19	35.76	ppb
Selenium	82-1	0.89	1.30	0.94	1.04	21.94	ppb
Silicon	28-1	6636.12	6583.01	6661.96	6627.03	0.61	ppb
Silver	109-1	0.22	0.22	0.22	0.22	1.25	ppb
Silver	107-1	0.24	0.24	0.23	0.24	1.45	ppb
Sodium	23-2	24297.16	24307.34	24453.87	24352.79	0.36	ppb
Strontium	86-1	359.75	355.87	353.01	356.21	0.95	ppb
Strontium	88-1	369.29	364.55	359.83	364.56	1.30	ppb
Sulfur	34-1	7632.85	7349.84	7608.06	7530.25	2.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.73	0.73	0.70	0.72	2.68	ppb
Titanium	47-1	0.78	0.85	0.63	0.76	14.84	ppb
Uranium	238-1	0.75	0.77	0.76	0.76	1.59	ppb
Vanadium	51-2	2.16	2.20	2.33	2.23	3.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.31	16.81	17.20	16.77	2.66	ppb
Zirconium	90-1	0.15	0.14	0.13	0.14	7.39	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0424-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:25:59	DataFile Name :	048SMPL_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.10	0.12	0.12	16.06	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:43:16	DataFile Name :	049CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48646.29	48029.77	48507.46	48394.50	0.67	ppb
Antimony	121-1	513.27	501.14	511.55	508.65	1.29	ppb
Arsenic	75-2	472.22	468.85	472.06	471.04	0.40	ppb
Barium	135-1	2451.41	2386.66	2419.35	2419.14	1.34	ppb
Barium	137-1	2473.20	2398.18	2412.91	2428.10	1.64	ppb
Beryllium	9-1	480.36	476.50	472.37	476.41	0.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	455.84	453.60	465.58	458.34	1.39	ppb
Boron	11-1	457.13	458.45	459.53	458.37	0.26	ppb
Cadmium	111-1	496.71	487.45	498.99	494.38	1.24	ppb
Cadmium	106-1	488.38	489.82	485.20	487.80	0.48	ppb
Cadmium	108-1	493.76	484.15	497.12	491.68	1.37	ppb
Calcium	43-1	244444.56	243683.88	242111.88	243413.44	0.49	ppb
Calcium	44-1	246231.40	243612.16	242258.00	244033.85	0.83	ppb
Chromium	52-2	517.09	512.33	515.76	515.06	0.48	ppb
Cobalt	59-2	505.75	502.73	503.58	504.02	0.31	ppb
Copper	63-2	952.86	943.38	952.43	949.56	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	130498.77	128190.51	128440.66	129043.31	0.98	ppb
Iron	57-2	129726.95	129040.50	129903.83	129557.10	0.35	ppb
Lead	206-1	513.26	506.44	505.64	508.45	0.82	ppb
Lead	207-1	504.56	503.33	496.24	501.38	0.90	ppb
Lead	208-1	515.95	509.05	507.13	510.71	0.91	ppb
Lithium	6-1						%
Magnesium	24-2	237711.07	235288.70	235850.68	236283.48	0.54	ppb
Manganese	55-2	1016.19	1005.00	1010.53	1010.58	0.55	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:43:16	DataFile Name :	049CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.06	508.16	505.92	508.38	0.51	ppb
Molybdenum	95-1	496.30	492.27	488.89	492.49	0.75	ppb
Molybdenum	96-1	499.73	496.06	489.51	495.10	1.05	ppb
Molybdenum	97-1	499.29	497.36	489.98	495.55	0.99	ppb
Molybdenum	98-1	504.63	501.95	498.27	501.62	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.52	505.51	506.92	506.32	0.14	ppb
Phosphorus	31-2	9822.27	9764.42	9840.94	9809.21	0.41	ppb
Potassium	39-2	121439.10	118543.90	119170.30	119717.77	1.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	463.76	454.17	461.51	459.82	1.09	ppb
Selenium	78-2	482.33	481.14	480.92	481.46	0.16	ppb
Selenium	82-1	478.88	473.56	468.76	473.73	1.07	ppb
Silicon	28-1	745.13	762.66	771.48	759.76	1.77	ppb
Silver	109-1	498.85	486.33	496.30	493.83	1.34	ppb
Silver	107-1	503.77	490.22	500.46	498.15	1.42	ppb
Sodium	23-2	241675.26	239498.18	239813.30	240328.91	0.49	ppb
Strontium	86-1	512.97	506.39	506.77	508.71	0.73	ppb
Strontium	88-1	517.15	515.17	515.03	515.79	0.23	ppb
Sulfur	34-1	9687.02	9610.27	9526.35	9607.88	0.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	519.52	512.22	512.70	514.81	0.79	ppb
Thallium	205-1	525.15	517.25	519.26	520.55	0.79	ppb
Tin	118-1	472.77	461.85	473.92	469.52	1.42	ppb
Titanium	47-1	505.03	495.33	499.58	499.98	0.97	ppb
Uranium	238-1	536.24	531.43	528.67	532.11	0.72	ppb
Vanadium	51-2	511.21	504.16	505.22	506.86	0.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	953.99	946.28	959.40	953.22	0.69	ppb
Zirconium	90-1	514.02	511.82	510.22	512.02	0.37	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:43:16	DataFile Name :	049CCV_P7071217 -MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.96	504.60	503.17	504.58	0.28	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:49:00	DataFile Name :	050CCBE_P7071217 -M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	-0.03	0.51	0.15	213.05	ppb
Antimony	121-1	0.37	0.35	0.36	0.36	3.76	ppb
Arsenic	75-2	0.08	0.06	0.09	0.08	18.13	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.24	0.25	0.26	0.25	4.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.41	13.58	13.43	13.47	0.68	ppb
Boron	11-1	12.63	12.00	12.07	12.23	2.81	ppb
Cadmium	111-1	-0.06	-0.05	-0.16	-0.09		ppb
Cadmium	106-1	-0.86	-0.72	-2.08	-1.22		ppb
Cadmium	108-1	-0.02	-0.02	-0.05	-0.03		ppb
Calcium	43-1	0.14	0.13	-0.19	0.03	706.78	ppb
Calcium	44-1	0.56	-0.04	0.33	0.28	107.10	ppb
Chromium	52-2	0.00	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.42	0.40	0.43	0.41	3.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.83	2.63	2.88	2.78	4.72	ppb
Iron	57-2	5.86	1.48	3.35	3.56	61.68	ppb
Lead	206-1	0.07	0.06	0.06	0.06	8.91	ppb
Lead	207-1	0.08	0.07	0.07	0.07	9.29	ppb
Lead	208-1	0.08	0.06	0.07	0.07	11.27	ppb
Lithium	6-1						%
Magnesium	24-2	-8.98	-8.03	-7.55	-8.19		ppb
Manganese	55-2	-0.16	-0.16	-0.15	-0.16		ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:49:00	DataFile Name :	050CCBE_P7071217 -M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.11	0.10	0.10	2.87	ppb
Molybdenum	95-1	0.08	0.09	0.10	0.09	14.39	ppb
Molybdenum	96-1	0.10	0.07	0.08	0.09	16.82	ppb
Molybdenum	97-1	0.08	0.07	0.06	0.07	9.69	ppb
Molybdenum	98-1	0.09	0.08	0.09	0.09	7.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.48	-0.52	-0.48		ppb
Phosphorus	31-2	-14.28	6.23	11.69	1.21	1129.17	ppb
Potassium	39-2	4.63	-4.44	3.31	1.17	420.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.18	-0.96	-0.69	-0.61		ppb
Selenium	82-1	-0.34	-0.88	0.23	-0.33		ppb
Silicon	28-1	-3.28	-3.67	-3.36	-3.43		ppb
Silver	109-1	0.03	0.04	0.04	0.04	13.06	ppb
Silver	107-1	0.05	0.15	0.05	0.08	71.10	ppb
Sodium	23-2	23.65	25.46	26.14	25.08	5.14	ppb
Strontium	86-1	0.09	-0.01	-0.01	0.02	266.84	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	97.08	ppb
Sulfur	34-1	-944.00	-1056.58	-864.49	-955.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.03	0.03	0.02	47.17	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.01	ppb
Tin	118-1	0.18	0.18	0.22	0.19	11.25	ppb
Titanium	47-1	-0.02	-0.02	-0.01	-0.02		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.03	0.02	68.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.35	0.62	0.43	0.47	29.66	ppb
Zirconium	90-1	0.11	0.11	0.10	0.11	7.50	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:49:00	DataFile Name :	050CCBE_P7071217 -M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.11	0.08	0.11	29.58	ppb

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:46:40	DataFile Name :	003CALB_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	100	25	47	97.19	cps
Antimony	121-1	42	92	17	50	76.37	cps
Arsenic	75-2	9	15	15	13	24.72	cps
Barium	135-1	75	92	67	78	16.37	cps
Barium	137-1	158	133	142	144	8.81	cps
Beryllium	9-1	111	117	78	102	20.65	cps
Bismuth	209-1	7126497	7122047	7212333	7153626	0.71	cps
Bismuth	209-2	4404537	4353245	4455903	4404562	1.17	cps
Boron	10-1	92	142	142	125	23.09	cps
Boron	11-1	642	592	650	628	5.03	cps
Cadmium	111-1	2238	2232	2136	2202	2.59	cps
Cadmium	106-1	3184	3151	3050	3128	2.22	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Calcium	43-1	208	183	142	178	18.94	cps
Calcium	44-1	5893	6210	6002	6035	2.67	cps
Chromium	52-2	487	453	453	464	4.14	cps
Cobalt	59-2	220	183	200	201	9.13	cps
Copper	63-2	653	753	687	698	7.30	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	17	33	50	33	50.00	cps
Erbium	164-2	10	23	13	16	44.60	cps
Gadolinium	160-1	50	67	25	47	44.41	cps
Gadolinium	160-2	63	83	100	82	22.33	cps
Holmium	165-1	10799783	10673313	10675892	10716329	0.67	cps
Holmium	165-2	5602644	5554592	5668088	5608441	1.02	cps
Indium	115-1	8504474	8432496	8486374	8474448	0.44	cps
Indium	115-2	1713335	1701842	1730392	1715190	0.84	cps
Iron	56-2	5045	5007	5190	5081	1.90	cps
Iron	57-2	211	278	256	248	13.68	cps
Lead	206-1	711	789	733	744	5.38	cps
Lead	207-1	717	533	617	622	14.75	cps
Lead	208-1	2961	2834	2928	2908	2.28	cps
Lithium	6-1	1965316	1961468	1965878	1964221	0.12	cps
Magnesium	24-2	3401	3317	3267	3328	2.02	cps
Manganese	55-2	613	667	723	668	8.24	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:46:40	DataFile Name :	003CALB_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	225	250	236	5.39	cps
Molybdenum	95-1	75	142	92	103	33.76	cps
Molybdenum	96-1	200	108	117	142	35.78	cps
Molybdenum	97-1	75	58	108	81	31.60	cps
Molybdenum	98-1	133	183	208	175	21.82	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1197	1143	1203	1181	2.78	cps
Phosphorus	31-2	142	108	200	150	30.93	cps
Potassium	39-2	32570	32712	32119	32467	0.95	cps
Rhodium	103-1	7667569	7646762	7660828	7658387	0.14	cps
Rhodium	103-2	3569098	3561610	3623106	3584605	0.94	cps
Scandium	45-1	5216489	5226016	5242579	5228361	0.25	cps
Scandium	45-2	223009	221913	228098	224340	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	67	67	64	6.66	cps
Selenium	82-1	94	12	-12	31	179.19	cps
Silicon	28-1	306442	304470	310457	307123	0.99	cps
Silver	109-1	42	42	58	47	20.38	cps
Silver	107-1	50	108	100	86	36.64	cps
Sodium	23-2	12739	12114	12047	12300	3.10	cps
Strontium	86-1	1525	1759	1592	1625	7.40	cps
Strontium	88-1	183	117	167	156	22.30	cps
Sulfur	34-1	344536	346091	345527	345385	0.23	cps
Terbium	159-1	11086045	11028739	11174514	11096433	0.66	cps
Terbium	159-2	5548352	5541514	5605152	5565006	0.63	cps
Thallium	203-1	175	125	125	142	20.38	cps
Thallium	205-1	292	350	400	347	15.62	cps
Tin	118-1	1008	1117	908	1011	10.31	cps
Titanium	47-1	125	108	117	117	7.14	cps
Uranium	238-1	500	558	492	517	7.03	cps
Vanadium	51-2	3	17	10	10	66.70	cps
Yttrium	89-1	8643172	8686470	8733448	8687697	0.52	cps
Yttrium	89-2	1288216	1282256	1306084	1292185	0.96	cps
Zinc	66-2	173	147	163	161	8.36	cps
Zirconium	90-1	642	450	567	553	17.47	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:46:40	DataFile Name :	003CALB_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	158	133	133	18.75	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:54:33	DataFile Name :	005CALS_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1492	1492	1567	1517	2.85	cps
Antimony	121-1	18121	17837	18154	18037	0.97	cps
Arsenic	75-2	274	298	298	290	4.79	cps
Barium	135-1	21025	21459	21451	21312	1.16	cps
Barium	137-1	38212	37042	37042	37432	1.80	cps
Beryllium	9-1	1650	1461	1545	1552	6.10	cps
Bismuth	209-1	7161285	7010486	6831789	7001187	2.36	cps
Bismuth	209-2	4379104	4372416	4411012	4387511	0.47	cps
Boron	10-1	3959	4351	4192	4167	4.73	cps
Boron	11-1	19438	19480	20289	19736	2.43	cps
Cadmium	111-1	4658	4394	4253	4435	4.63	cps
Cadmium	106-1	3867	3567	3159	3531	10.07	cps
Cadmium	108-1	196	183	125	168	22.50	cps
Calcium	43-1	12281	13223	12631	12712	3.75	cps
Calcium	44-1	204065	205569	205526	205053	0.42	cps
Chromium	52-2	5821	5491	5618	5643	2.95	cps
Cobalt	59-2	4141	3931	4174	4082	3.23	cps
Copper	63-2	7179	7279	7372	7276	1.33	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	40	30	20	30	33.33	cps
Gadolinium	160-1	58	33	67	53	32.88	cps
Gadolinium	160-2	123	107	83	104	19.24	cps
Holmium	165-1	10773807	10613321	10397451	10594860	1.78	cps
Holmium	165-2	5655081	5593226	5673400	5640569	0.74	cps
Indium	115-1	8688997	8446144	8275528	8470223	2.45	cps
Indium	115-2	1719678	1705322	1729267	1718089	0.70	cps
Iron	56-2	106226	107524	105498	106416	0.96	cps
Iron	57-2	2734	2878	2556	2723	5.93	cps
Lead	206-1	10721	10466	10727	10638	1.40	cps
Lead	207-1	9526	10037	9309	9624	3.89	cps
Lead	208-1	43457	42488	42272	42739	1.48	cps
Lithium	6-1	1993780	1975361	1952953	1974031	1.04	cps
Magnesium	24-2	89006	89945	90381	89777	0.78	cps
Manganese	55-2	1970	2020	2087	2026	2.89	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:54:33	DataFile Name :	005CALS_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16402	16560	16602	16521	0.64	cps
Molybdenum	95-1	20657	20365	20816	20613	1.11	cps
Molybdenum	96-1	22293	22469	23178	22647	2.07	cps
Molybdenum	97-1	12873	12623	12664	12720	1.05	cps
Molybdenum	98-1	32672	33189	31887	32583	2.01	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2140	2214	2104	2152	2.60	cps
Phosphorus	31-2	158	192	108	153	27.45	cps
Potassium	39-2	121839	123250	123091	122727	0.63	cps
Rhodium	103-1	7750779	7658613	7459293	7622895	1.95	cps
Rhodium	103-2	3568692	3563551	3596479	3576241	0.50	cps
Scandium	45-1	5344416	5217470	5052141	5204676	2.82	cps
Scandium	45-2	224490	222231	225713	224145	0.79	cps
Selenium	77-2	33	37	20	30	29.40	cps
Selenium	78-2	178	143	189	170	14.24	cps
Selenium	82-1	570	740	509	606	19.71	cps
Silicon	28-1	354284	357455	354227	355322	0.52	cps
Silver	109-1	13015	12898	12873	12929	0.59	cps
Silver	107-1	13140	14366	13457	13654	4.66	cps
Sodium	23-2	179335	181622	178904	179953	0.81	cps
Strontium	86-1	4426	3884	4484	4265	7.76	cps
Strontium	88-1	24989	25123	25724	25279	1.55	cps
Sulfur	34-1	342916	340707	337479	340367	0.80	cps
Terbium	159-1	11288351	11136550	10820115	11081672	2.16	cps
Terbium	159-2	5545704	5553579	5607792	5569025	0.61	cps
Thallium	203-1	9145	8970	8745	8953	2.24	cps
Thallium	205-1	21368	21468	21510	21449	0.34	cps
Tin	118-1	34661	36665	35880	35735	2.83	cps
Titanium	47-1	5910	6051	6168	6043	2.14	cps
Uranium	238-1	28632	29618	29760	29337	2.09	cps
Vanadium	51-2	9857	9903	10037	9932	0.94	cps
Yttrium	89-1	8860855	8755205	8541658	8719239	1.86	cps
Yttrium	89-2	1293033	1285263	1295655	1291317	0.42	cps
Zinc	66-2	1327	1243	1223	1265	4.33	cps
Zirconium	90-1	14016	13590	14366	13991	2.78	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:54:33	DataFile Name :	005CALS_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3292	2959	3117	3123	5.34	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 12:58:20 DataFile Name : 006CAL5_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84195	85922	85419	85179	1.04	cps
Antimony	121-1	473983	484570	491271	483275	1.80	cps
Arsenic	75-2	16000	15785	16109	15964	1.03	cps
Barium	135-1	605941	610768	604055	606922	0.57	cps
Barium	137-1	1059876	1072080	1068496	1066818	0.59	cps
Beryllium	9-1	84564	85233	84339	84712	0.55	cps
Bismuth	209-1	7147709	6715436	7041310	6968152	3.23	cps
Bismuth	209-2	4529023	4475013	4411504	4471847	1.32	cps
Boron	10-1	9628	9595	9487	9570	0.77	cps
Boron	11-1	45954	45227	46196	45793	1.10	cps
Cadmium	111-1	119382	118025	117295	118234	0.90	cps
Cadmium	106-1	15601	16001	15275	15626	2.33	cps
Cadmium	108-1	8303	8440	8440	8394	0.95	cps
Calcium	43-1	142304	142734	142934	142657	0.23	cps
Calcium	44-1	2310743	2321091	2307690	2313175	0.30	cps
Chromium	52-2	136074	135637	137077	136262	0.54	cps
Cobalt	59-2	221651	221424	219634	220903	0.50	cps
Copper	63-2	315233	314590	314959	314927	0.10	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	42	8	67	39	75.26	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	87	60	87	78	19.80	cps
Holmium	165-1	10740441	10256541	10700249	10565744	2.54	cps
Holmium	165-2	5747671	5712260	5644053	5701328	0.92	cps
Indium	115-1	8588700	8133019	8409785	8377168	2.74	cps
Indium	115-2	1764008	1736172	1725150	1741777	1.15	cps
Iron	56-2	5667612	5684930	5699077	5683873	0.28	cps
Iron	57-2	140808	140386	141425	140873	0.37	cps
Lead	206-1	389024	393262	388248	390178	0.69	cps
Lead	207-1	349526	352968	351339	351277	0.49	cps
Lead	208-1	1583525	1591309	1585391	1586742	0.26	cps
Lithium	6-1	2001103	1900618	1968679	1956800	2.62	cps
Magnesium	24-2	993618	996626	996629	995624	0.17	cps
Manganese	55-2	157721	159877	160302	159300	0.87	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:58:20	DataFile Name :	006CAL5_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	392946	400180	399282	397469	0.99	cps
Molybdenum	95-1	229282	231922	234266	231824	1.08	cps
Molybdenum	96-1	287202	288166	286490	287286	0.29	cps
Molybdenum	97-1	142591	142987	142833	142804	0.14	cps
Molybdenum	98-1	370562	369696	371836	370698	0.29	cps
Neodymium	150-1	27	60	20	36	60.27	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	59276	58911	58319	58835	0.82	cps
Phosphorus	31-2	4576	4759	4367	4568	4.29	cps
Potassium	39-2	540937	544233	541614	542261	0.32	cps
Rhodium	103-1	7702337	7262887	7499122	7488115	2.94	cps
Rhodium	103-2	3637249	3603815	3547058	3596041	1.27	cps
Scandium	45-1	5387634	5032545	5270478	5230219	3.46	cps
Scandium	45-2	232993	230111	225834	229646	1.57	cps
Selenium	77-2	317	283	377	326	14.53	cps
Selenium	78-2	1182	1085	1180	1149	4.79	cps
Selenium	82-1	7103	7167	7240	7170	0.96	cps
Silicon	28-1	604384	603899	605322	604535	0.12	cps
Silver	109-1	554028	560254	555507	556596	0.58	cps
Silver	107-1	581874	584218	576734	580942	0.66	cps
Sodium	23-2	1870191	1879296	1857898	1869128	0.57	cps
Strontium	86-1	154901	158164	153647	155571	1.50	cps
Strontium	88-1	1346454	1343240	1339560	1343085	0.26	cps
Sulfur	34-1	379566	378870	378433	378956	0.15	cps
Terbium	159-1	11130847	10668805	11030711	10943454	2.22	cps
Terbium	159-2	5715288	5656333	5576912	5649511	1.23	cps
Thallium	203-1	469744	469761	469087	469531	0.08	cps
Thallium	205-1	1136632	1133268	1138403	1136101	0.23	cps
Tin	118-1	389975	394926	391312	392071	0.65	cps
Titanium	47-1	66760	65211	65948	65973	1.17	cps
Uranium	238-1	1608367	1600710	1620307	1609795	0.61	cps
Vanadium	51-2	111994	111726	111494	111738	0.22	cps
Yttrium	89-1	8904559	8317405	8692486	8638150	3.44	cps
Yttrium	89-2	1322752	1302517	1293012	1306093	1.16	cps
Zinc	66-2	44077	44147	44207	44143	0.15	cps
Zirconium	90-1	724853	725077	730257	726729	0.42	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 12:58:20	DataFile Name :	006CALS_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	161172	162420	163888	162493	0.84	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 13:02:23 DataFile Name : 007CAL5_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207504	203787	200030	203773	1.83	cps
Antimony	121-1	1204005	1221283	1222101	1215796	0.84	cps
Arsenic	75-2	39630	37912	37682	38408	2.77	cps
Barium	135-1	1518023	1522289	1526100	1522137	0.27	cps
Barium	137-1	2680514	2684458	2679241	2681405	0.10	cps
Beryllium	9-1	210419	208895	210821	210045	0.48	cps
Bismuth	209-1	6983441	6800299	6997122	6926954	1.59	cps
Bismuth	209-2	4404096	4316333	4101241	4273890	3.65	cps
Boron	10-1	23669	22567	22801	23013	2.52	cps
Boron	11-1	110578	111123	112919	111540	1.10	cps
Cadmium	111-1	291244	289880	288511	289878	0.47	cps
Cadmium	106-1	34635	34184	33566	34128	1.57	cps
Cadmium	108-1	20632	20933	21007	20857	0.95	cps
Calcium	43-1	353473	350807	355694	353325	0.69	cps
Calcium	44-1	5684553	5624508	5663425	5657495	0.54	cps
Chromium	52-2	335336	324353	321622	327104	2.22	cps
Cobalt	59-2	538792	523663	521193	527882	1.80	cps
Copper	63-2	773771	752277	742336	756128	2.12	cps
Dysprosium	156-1	83	100	50	78	32.74	cps
Dysprosium	156-2	20	10	20	17	34.64	cps
Erbium	164-1	42	58	33	44	28.65	cps
Erbium	164-2	20	7	33	20	66.65	cps
Gadolinium	160-1	33	50	75	53	39.73	cps
Gadolinium	160-2	90	73	87	83	10.59	cps
Holmium	165-1	10410076	10472433	10425561	10436023	0.31	cps
Holmium	165-2	5707754	5589545	5348325	5548541	3.30	cps
Indium	115-1	8164741	8279491	8231790	8225341	0.70	cps
Indium	115-2	1713693	1688245	1599681	1667206	3.59	cps
Iron	56-2	13958258	13500420	13414724	13624467	2.14	cps
Iron	57-2	344744	339980	332249	338991	1.86	cps
Lead	206-1	959205	955978	955435	956873	0.21	cps
Lead	207-1	864316	861386	868298	864667	0.40	cps
Lead	208-1	3926761	3911292	3915165	3917739	0.21	cps
Lithium	6-1	1941169	1945419	1944887	1943825	0.12	cps
Magnesium	24-2	2460211	2383235	2349698	2397715	2.36	cps
Manganese	55-2	392018	377646	373186	380950	2.58	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:02:23	DataFile Name :	007CAL5_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1003376	1020721	1014000	1012699	0.86	cps
Molybdenum	95-1	572399	577155	571615	573723	0.52	cps
Molybdenum	96-1	726672	723933	727376	725994	0.25	cps
Molybdenum	97-1	358487	357390	355653	357177	0.40	cps
Molybdenum	98-1	924236	927118	929746	927033	0.30	cps
Neodymium	150-1	140	153	133	142	7.16	cps
Neodymium	150-2	13	7	20	13	49.99	cps
Nickel	60-2	141902	138173	137050	139042	1.83	cps
Phosphorus	31-2	11130	11063	10704	10966	2.09	cps
Potassium	39-2	1293933	1254223	1233070	1260409	2.45	cps
Rhodium	103-1	7310371	7414413	7393825	7372870	0.75	cps
Rhodium	103-2	3533103	3474495	3318030	3441876	3.23	cps
Scandium	45-1	5191351	5115048	5118479	5141626	0.84	cps
Scandium	45-2	228163	224562	211244	221323	4.03	cps
Selenium	77-2	830	803	773	802	3.53	cps
Selenium	78-2	2811	2697	2648	2719	3.08	cps
Selenium	82-1	17805	17732	17765	17767	0.20	cps
Silicon	28-1	1049067	1053258	1052361	1051562	0.21	cps
Silver	109-1	1387357	1375844	1371555	1378252	0.59	cps
Silver	107-1	1429162	1434961	1437514	1433879	0.30	cps
Sodium	23-2	4513567	4399835	4336758	4416720	2.03	cps
Strontium	86-1	380942	381710	383021	381891	0.28	cps
Strontium	88-1	3378840	3378673	3348631	3368715	0.52	cps
Sulfur	34-1	418440	422151	416259	418950	0.71	cps
Terbium	159-1	10757937	10806933	10848329	10804400	0.42	cps
Terbium	159-2	5615397	5530790	5242240	5462809	3.58	cps
Thallium	203-1	1166386	1177944	1171499	1171943	0.49	cps
Thallium	205-1	2844248	2849527	2845952	2846575	0.09	cps
Tin	118-1	979497	984087	982057	981880	0.23	cps
Titanium	47-1	161981	161367	163327	162225	0.62	cps
Uranium	238-1	4101141	4107585	4094895	4101207	0.15	cps
Vanadium	51-2	276612	268496	264144	269751	2.35	cps
Yttrium	89-1	8483070	8531347	8519792	8511403	0.30	cps
Yttrium	89-2	1300364	1268394	1207304	1258687	3.76	cps
Zinc	66-2	109013	103685	105108	105935	2.60	cps
Zirconium	90-1	1877567	1886218	1885916	1883234	0.26	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:02:23	DataFile Name :	007CALS_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417423	418262	417874	417853	0.10	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:06:06	DataFile Name :	008CAL5_P7071217 -M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	412087	411972	415062	413040	0.42	cps
Antimony	121-1	2424728	2441950	2461552	2442743	0.75	cps
Arsenic	75-2	78640	78698	78972	78770	0.22	cps
Barium	135-1	3042019	3061813	3075210	3059680	0.55	cps
Barium	137-1	5368528	5404397	5447925	5406950	0.74	cps
Beryllium	9-1	410451	413634	410605	411564	0.44	cps
Bismuth	209-1	6905228	7055207	7072447	7010961	1.31	cps
Bismuth	209-2	4360237	4315809	4338213	4338086	0.51	cps
Boron	10-1	44499	46247	46614	45787	2.47	cps
Boron	11-1	221923	224279	224645	223616	0.66	cps
Cadmium	111-1	570276	574942	575927	573715	0.53	cps
Cadmium	106-1	64590	65185	66021	65265	1.10	cps
Cadmium	108-1	41657	41603	41394	41551	0.33	cps
Calcium	43-1	703240	699079	701696	701338	0.30	cps
Calcium	44-1	11224594	11329589	11226739	11260307	0.53	cps
Chromium	52-2	664420	668426	666900	666582	0.30	cps
Cobalt	59-2	1076285	1082248	1079075	1079203	0.28	cps
Copper	63-2	1510460	1530079	1525231	1521923	0.67	cps
Dysprosium	156-1	33	58	42	44	28.65	cps
Dysprosium	156-2	33	27	33	31	12.36	cps
Erbium	164-1	33	50	33	39	24.74	cps
Erbium	164-2	23	27	30	27	12.51	cps
Gadolinium	160-1	117	58	42	72	54.52	cps
Gadolinium	160-2	53	87	93	78	27.56	cps
Holmium	165-1	10675790	10472749	10699571	10616037	1.17	cps
Holmium	165-2	5686799	5658318	5728770	5691296	0.62	cps
Indium	115-1	8295850	8194844	8346869	8279188	0.93	cps
Indium	115-2	1697777	1693775	1703117	1698223	0.28	cps
Iron	56-2	27931992	27684669	27851083	27822581	0.45	cps
Iron	57-2	694876	692678	698051	695202	0.39	cps
Lead	206-1	1911459	1925324	1917391	1918058	0.36	cps
Lead	207-1	1718234	1722625	1731140	1724000	0.38	cps
Lead	208-1	7820502	7856180	7861777	7846153	0.29	cps
Lithium	6-1	1945553	1933585	1939072	1939403	0.31	cps
Magnesium	24-2	4823763	4843044	4866289	4844365	0.44	cps
Manganese	55-2	773285	780228	779813	777775	0.50	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:06:06	DataFile Name :	008CAL5_P7071217 -M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2064229	2047576	2080402	2064069	0.80	cps
Molybdenum	95-1	1138145	1140953	1146204	1141767	0.36	cps
Molybdenum	96-1	1455244	1464401	1462749	1460798	0.33	cps
Molybdenum	97-1	715624	715193	713908	714908	0.12	cps
Molybdenum	98-1	1850116	1856047	1855776	1853980	0.18	cps
Neodymium	150-1	227	260	253	247	7.15	cps
Neodymium	150-2	30	33	30	31	6.18	cps
Nickel	60-2	281843	283731	282168	282581	0.36	cps
Phosphorus	31-2	22159	22067	22468	22231	0.94	cps
Potassium	39-2	2531776	2552819	2554716	2546437	0.50	cps
Rhodium	103-1	7460498	7294532	7448576	7401202	1.25	cps
Rhodium	103-2	3466415	3479862	3493252	3479843	0.39	cps
Scandium	45-1	5270679	5143925	5254291	5222965	1.32	cps
Scandium	45-2	224253	221368	222606	222742	0.65	cps
Selenium	77-2	1653	1790	1640	1695	4.90	cps
Selenium	78-2	5679	5458	5653	5597	2.15	cps
Selenium	82-1	35106	35679	35499	35428	0.83	cps
Silicon	28-1	1778066	1775455	1774703	1776075	0.10	cps
Silver	109-1	2731672	2746911	2721305	2733296	0.47	cps
Silver	107-1	2845772	2842618	2866396	2851595	0.45	cps
Sodium	23-2	8944348	9060921	9010596	9005288	0.65	cps
Strontium	86-1	763403	761503	766843	763916	0.35	cps
Strontium	88-1	6558831	6629470	6642413	6610238	0.68	cps
Sulfur	34-1	512415	507777	511945	510712	0.50	cps
Terbium	159-1	11106717	10821677	10979158	10969184	1.30	cps
Terbium	159-2	5605003	5593800	5585312	5594705	0.18	cps
Thallium	203-1	2354019	2353967	2361336	2356441	0.18	cps
Thallium	205-1	5734937	5762546	5759417	5752300	0.26	cps
Tin	118-1	1970813	1955755	1986265	1970944	0.77	cps
Titanium	47-1	321821	320729	324360	322303	0.58	cps
Uranium	238-1	7999175	8006726	7915838	7973913	0.63	cps
Vanadium	51-2	548878	550593	555664	551712	0.64	cps
Yttrium	89-1	8658600	8594802	8778300	8677234	1.07	cps
Yttrium	89-2	1291744	1291370	1292585	1291900	0.05	cps
Zinc	66-2	213023	214210	213857	213697	0.29	cps
Zirconium	90-1	3924361	3908349	3944647	3925786	0.46	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:06:06	DataFile Name :	008CALS_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	860556	861025	860185	860588	0.05	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 13:09:46 DataFile Name : 009CAL5_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	820967	827211	830529	826236	0.59	cps
Antimony	121-1	4855655	4906868	4921889	4894804	0.71	cps
Arsenic	75-2	157611	157039	158040	157563	0.32	cps
Barium	135-1	6130278	6166445	6169335	6155353	0.35	cps
Barium	137-1	10372484	10466784	10500558	10446609	0.64	cps
Beryllium	9-1	809823	811518	805979	809107	0.35	cps
Bismuth	209-1	6876312	6920009	6903261	6899860	0.32	cps
Bismuth	209-2	4262130	4290849	4294459	4282479	0.41	cps
Boron	10-1	89707	91854	91527	91029	1.27	cps
Boron	11-1	438468	445131	452065	445221	1.53	cps
Cadmium	111-1	1123527	1125163	1129780	1126157	0.29	cps
Cadmium	106-1	125057	124863	126998	125639	0.94	cps
Cadmium	108-1	81902	83745	82924	82857	1.11	cps
Calcium	43-1	1404117	1389013	1398899	1397343	0.55	cps
Calcium	44-1	22469694	22328630	22505730	22434685	0.42	cps
Chromium	52-2	1322657	1334570	1336320	1331183	0.56	cps
Cobalt	59-2	2135748	2138072	2144696	2139505	0.22	cps
Copper	63-2	3009350	3031782	3038058	3026397	0.50	cps
Dysprosium	156-1	225	142	133	167	30.41	cps
Dysprosium	156-2	60	37	57	51	24.69	cps
Erbium	164-1	75	58	58	64	15.05	cps
Erbium	164-2	30	33	10	24	51.62	cps
Gadolinium	160-1	67	142	158	122	39.95	cps
Gadolinium	160-2	77	87	120	94	24.02	cps
Holmium	165-1	10779142	10549460	10650239	10659614	1.08	cps
Holmium	165-2	5672688	5687467	5715624	5691926	0.38	cps
Indium	115-1	8161393	8210713	8271221	8214442	0.67	cps
Indium	115-2	1681547	1692342	1683140	1685676	0.35	cps
Iron	56-2	55208057	55660078	55689904	55519346	0.49	cps
Iron	57-2	1386917	1384981	1390544	1387481	0.20	cps
Lead	206-1	3793880	3835578	3833593	3821017	0.62	cps
Lead	207-1	3426134	3449366	3465096	3446865	0.57	cps
Lead	208-1	15266556	15452724	15485383	15401555	0.77	cps
Lithium	6-1	1906365	1910968	1895292	1904208	0.42	cps
Magnesium	24-2	9577382	9625314	9631493	9611396	0.31	cps
Manganese	55-2	1546173	1560060	1557318	1554517	0.47	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:09:46	DataFile Name :	009CAL5_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4234897	4231790	4235879	4234188	0.05	cps
Molybdenum	95-1	2320563	2290457	2315488	2308836	0.70	cps
Molybdenum	96-1	2968461	2951148	2952546	2957385	0.33	cps
Molybdenum	97-1	1435176	1431162	1416842	1427726	0.68	cps
Molybdenum	98-1	3733988	3748286	3727533	3736602	0.28	cps
Neodymium	150-1	440	467	520	476	8.57	cps
Neodymium	150-2	50	67	63	60	14.70	cps
Nickel	60-2	553993	557129	556758	555960	0.31	cps
Phosphorus	31-2	44167	43782	45755	44568	2.35	cps
Potassium	39-2	5007499	4992672	5014133	5004768	0.22	cps
Rhodium	103-1	7324735	7273534	7232606	7276958	0.63	cps
Rhodium	103-2	3453737	3466502	3462042	3460760	0.19	cps
Scandium	45-1	5199665	5190967	5201816	5197483	0.11	cps
Scandium	45-2	224412	225776	225919	225369	0.37	cps
Selenium	77-2	3310	3384	3347	3347	1.10	cps
Selenium	78-2	11032	11025	11177	11078	0.77	cps
Selenium	82-1	69114	69202	70124	69480	0.81	cps
Silicon	28-1	3225285	3217983	3225758	3223008	0.14	cps
Silver	109-1	5409708	5396295	5439918	5415307	0.41	cps
Silver	107-1	5654369	5658237	5675568	5662725	0.20	cps
Sodium	23-2	17878675	17751052	17905216	17844981	0.46	cps
Strontium	86-1	1509481	1528918	1527079	1521826	0.71	cps
Strontium	88-1	13103501	13204359	13283123	13196994	0.68	cps
Sulfur	34-1	709924	715059	712379	712454	0.36	cps
Terbium	159-1	10987473	10954704	10854535	10932238	0.63	cps
Terbium	159-2	5633760	5614498	5640748	5629669	0.24	cps
Thallium	203-1	4745449	4665455	4681127	4697343	0.90	cps
Thallium	205-1	10943031	10956793	10867754	10922526	0.44	cps
Tin	118-1	3911749	3948540	3959984	3940091	0.64	cps
Titanium	47-1	643687	648853	645525	646022	0.41	cps
Uranium	238-1	15826417	15854655	15849100	15843390	0.09	cps
Vanadium	51-2	1105144	1115312	1115036	1111831	0.52	cps
Yttrium	89-1	8594126	8677775	8673300	8648400	0.54	cps
Yttrium	89-2	1295865	1301180	1305245	1300763	0.36	cps
Zinc	66-2	421512	424468	422893	422958	0.35	cps
Zirconium	90-1	7905576	7907411	7893637	7902208	0.09	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:09:46	DataFile Name :	009CALS_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1773852	1750103	1753938	1759297	0.72	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:13:22	DataFile Name :	010CAL5_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1642024	1652232	1663574	1652610	0.65	cps
Antimony	121-1	9561224	9550479	9652588	9588097	0.59	cps
Arsenic	75-2	314457	317230	314726	315471	0.48	cps
Barium	135-1	11883455	11944347	12016533	11948111	0.56	cps
Barium	137-1	20666772	20813357	20657948	20712692	0.42	cps
Beryllium	9-1	1580732	1582394	1576422	1579849	0.20	cps
Bismuth	209-1	6646224	6616623	6618492	6627113	0.25	cps
Bismuth	209-2	4158373	4126813	4179495	4154894	0.64	cps
Boron	10-1	175033	178246	183241	178840	2.31	cps
Boron	11-1	875796	876571	896112	882826	1.30	cps
Cadmium	111-1	2196922	2196839	2204793	2199518	0.21	cps
Cadmium	106-1	242339	242578	242688	242535	0.07	cps
Cadmium	108-1	161217	156461	159945	159207	1.55	cps
Calcium	43-1	2809133	2812260	2817256	2812883	0.15	cps
Calcium	44-1	44798612	45016587	44861333	44892178	0.25	cps
Chromium	52-2	2661484	2685229	2679291	2675335	0.46	cps
Cobalt	59-2	4270869	4288677	4297229	4285592	0.31	cps
Copper	63-2	5953045	5992580	6025508	5990378	0.61	cps
Dysprosium	156-1	233	200	158	197	19.05	cps
Dysprosium	156-2	70	127	103	100	28.48	cps
Erbium	164-1	67	67	92	75	19.24	cps
Erbium	164-2	37	17	20	24	43.83	cps
Gadolinium	160-1	100	75	100	92	15.75	cps
Gadolinium	160-2	110	120	100	110	9.09	cps
Holmium	165-1	10412709	10400740	10479474	10430975	0.41	cps
Holmium	165-2	5650675	5628925	5667765	5649122	0.34	cps
Indium	115-1	7997959	8022950	7975303	7998737	0.30	cps
Indium	115-2	1639994	1634895	1652943	1642611	0.57	cps
Iron	56-2	110359030	110758966	110189739	110435912	0.26	cps
Iron	57-2	2747142	2776137	2782303	2768527	0.68	cps
Lead	206-1	7314754	7290940	7227715	7277803	0.62	cps
Lead	207-1	6770324	6723544	6738268	6744045	0.35	cps
Lead	208-1	29960140	29960334	29830643	29917039	0.25	cps
Lithium	6-1	1854312	1854428	1851765	1853502	0.08	cps
Magnesium	24-2	18922884	18963005	18924928	18936939	0.12	cps
Manganese	55-2	3104912	3150579	3139119	3131537	0.76	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:13:22	DataFile Name :	010CAL5_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8383425	8383949	8378412	8381929	0.04	cps
Molybdenum	95-1	4617248	4611528	4638484	4622420	0.31	cps
Molybdenum	96-1	5890992	5868059	5943625	5900892	0.66	cps
Molybdenum	97-1	2850721	2866351	2883076	2866716	0.56	cps
Molybdenum	98-1	7287570	7399174	7358629	7348457	0.77	cps
Neodymium	150-1	887	1020	800	902	12.28	cps
Neodymium	150-2	80	113	83	92	19.91	cps
Nickel	60-2	1093834	1090202	1099406	1094481	0.42	cps
Phosphorus	31-2	86475	89845	88656	88325	1.94	cps
Potassium	39-2	10071722	10084555	10145042	10100439	0.39	cps
Rhodium	103-1	7048104	7126834	7103203	7092714	0.57	cps
Rhodium	103-2	3379226	3363929	3392976	3378711	0.43	cps
Scandium	45-1	5201218	5255204	5238445	5231622	0.53	cps
Scandium	45-2	231679	227404	231568	230217	1.06	cps
Selenium	77-2	6815	6855	6462	6711	3.23	cps
Selenium	78-2	21620	21377	21635	21544	0.67	cps
Selenium	82-1	136086	136380	136657	136374	0.21	cps
Silicon	28-1	5207934	5193285	5232833	5211351	0.38	cps
Silver	109-1	10533277	10450780	10602862	10528973	0.72	cps
Silver	107-1	10860822	10953325	10789258	10867802	0.76	cps
Sodium	23-2	35552896	35697089	35642008	35630664	0.20	cps
Strontium	86-1	3032794	3053233	3066960	3050996	0.56	cps
Strontium	88-1	26108469	26331744	26202291	26214168	0.43	cps
Sulfur	34-1	1116624	1120680	1120971	1119425	0.22	cps
Terbium	159-1	10860194	10829066	10858252	10849170	0.16	cps
Terbium	159-2	5573038	5542523	5614216	5576592	0.65	cps
Thallium	203-1	8991338	9042899	9090051	9041429	0.55	cps
Thallium	205-1	21438488	21332340	21556366	21442398	0.52	cps
Tin	118-1	7646741	7716284	7735924	7699650	0.61	cps
Titanium	47-1	1302266	1303200	1297817	1301094	0.22	cps
Uranium	238-1	31359694	31372904	31184292	31305630	0.34	cps
Vanadium	51-2	2234741	2255179	2249110	2246343	0.47	cps
Yttrium	89-1	8489550	8545396	8640303	8558416	0.89	cps
Yttrium	89-2	1300545	1294214	1300342	1298367	0.28	cps
Zinc	66-2	821583	830736	829645	827321	0.60	cps
Zirconium	90-1	15986985	15978189	15981202	15982125	0.03	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:13:22	DataFile Name :	010CALS_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3559896	3571153	3551124	3560724	0.28	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:16:52	DataFile Name :	011CAL5_P7071217 -M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8509918	8520512	8625738	8552056	0.75	cps
Antimony	121-1	33307	31962	34410	33226	3.69	cps
Arsenic	75-2	265	228	296	263	13.04	cps
Barium	135-1	5885	5435	5426	5582	4.70	cps
Barium	137-1	9487	9570	9537	9531	0.44	cps
Beryllium	9-1	1389	1150	1217	1252	9.85	cps
Bismuth	209-1	5759520	5783057	5940493	5827690	1.69	cps
Bismuth	209-2	3638790	3641291	3663977	3648019	0.38	cps
Boron	10-1	11338	10938	10429	10902	4.18	cps
Boron	11-1	55654	51932	47860	51815	7.52	cps
Cadmium	111-1	2813	2492	2539	2615	6.63	cps
Cadmium	106-1	3284	2734	2984	3000	9.18	cps
Cadmium	108-1	63	54	58	58	7.14	cps
Calcium	43-1	13996718	14238743	14109581	14115014	0.86	cps
Calcium	44-1	225979605	226589122	226186072	226251600	0.14	cps
Chromium	52-2	68130	67611	67755	67832	0.40	cps
Cobalt	59-2	7645	7562	7645	7618	0.63	cps
Copper	63-2	12933	12949	13650	13177	3.11	cps
Dysprosium	156-1	133	258	175	189	33.70	cps
Dysprosium	156-2	67	80	47	64	26.03	cps
Erbium	164-1	117	58	50	75	48.43	cps
Erbium	164-2	47	23	43	38	33.41	cps
Gadolinium	160-1	142	175	142	153	12.60	cps
Gadolinium	160-2	143	123	170	146	16.08	cps
Holmium	165-1	9863491	9878973	10080219	9940894	1.22	cps
Holmium	165-2	5300382	5270462	5326413	5299086	0.53	cps
Indium	115-1	7505856	7505973	7704614	7572148	1.52	cps
Indium	115-2	1578068	1581979	1598622	1586223	0.69	cps
Iron	56-2	534820712	544596290	550883368	543433457	1.49	cps
Iron	57-2	13398257	13614020	13711521	13574599	1.18	cps
Lead	206-1	15415	14975	15637	15342	2.20	cps
Lead	207-1	12718	12690	12929	12779	1.02	cps
Lead	208-1	59347	59693	61090	60044	1.54	cps
Lithium	6-1	1684070	1692537	1725965	1700858	1.30	cps
Magnesium	24-2	97331561	97773227	98479306	97861365	0.59	cps
Manganese	55-2	14100	14164	14631	14298	2.03	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:16:52	DataFile Name :	011CALS_P7071217 -M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14091	14216	14366	14224	0.97	cps
Molybdenum	95-1	20641	21117	20716	20824	1.23	cps
Molybdenum	96-1	29373	28730	29081	29061	1.11	cps
Molybdenum	97-1	12923	13474	12706	13034	3.03	cps
Molybdenum	98-1	32229	33616	32154	32666	2.52	cps
Neodymium	150-1	147	160	100	136	23.24	cps
Neodymium	150-2	67	40	47	51	27.15	cps
Nickel	60-2	17654	17905	18382	17980	2.06	cps
Phosphorus	31-2	200	167	175	181	9.61	cps
Potassium	39-2	51529426	51679236	52581402	51930021	1.10	cps
Rhodium	103-1	6396188	6478917	6602061	6492388	1.60	cps
Rhodium	103-2	3044621	3057993	3086067	3062894	0.69	cps
Scandium	45-1	5078476	5125176	5253427	5152359	1.76	cps
Scandium	45-2	226165	228886	233011	229354	1.50	cps
Selenium	77-2	13	10	0	8	89.21	cps
Selenium	78-2	87	106	126	106	18.32	cps
Selenium	82-1	154	312	213	226	35.39	cps
Silicon	28-1	545483	558282	567060	556941	1.95	cps
Silver	109-1	2017	2059	2067	2047	1.31	cps
Silver	107-1	2150	1892	2075	2039	6.52	cps
Sodium	23-2	183050592	184183242	185422687	184218840	0.64	cps
Strontium	86-1	100979	101416	100718	101037	0.35	cps
Strontium	88-1	871544	869942	866195	869227	0.32	cps
Sulfur	34-1	315749	307713	312880	312114	1.30	cps
Terbium	159-1	10051214	10147533	10408643	10202463	1.81	cps
Terbium	159-2	5186377	5245776	5258836	5230330	0.74	cps
Thallium	203-1	5618	5335	5393	5449	2.75	cps
Thallium	205-1	13249	13249	12857	13118	1.72	cps
Tin	118-1	11647	11238	10738	11208	4.06	cps
Titanium	47-1	2409	3299	2392	2700	19.21	cps
Uranium	238-1	7211	6752	6844	6935	3.50	cps
Vanadium	51-2	1687	1730	1563	1660	5.21	cps
Yttrium	89-1	8118657	8085042	8373099	8192266	1.92	cps
Yttrium	89-2	1253524	1270711	1280718	1268317	1.08	cps
Zinc	66-2	5558	5368	5601	5509	2.25	cps
Zirconium	90-1	6043	5443	5760	5749	5.22	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:16:52	DataFile Name :	011CALS_P7071217 -MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1208	1325	1158	1231	6.95	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 13:28:55 DataFile Name : 013ICV01_P7071217 -M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41241	40313	41057	40871	1.20	cps
Antimony	121-1	1826180	1872878	1871473	1856844	1.43	cps
Arsenic	75-2	62238	61622	61756	61872	0.52	cps
Barium	135-1	236623	239978	238792	238465	0.71	cps
Barium	137-1	411477	415838	413026	413447	0.53	cps
Beryllium	9-1	157945	156925	158310	157727	0.46	cps
Bismuth	209-1	7031638	6949746	7010333	6997239	0.61	cps
Bismuth	209-2	4359359	4406812	4409499	4391890	0.64	cps
Boron	10-1	102009	102204	101524	101912	0.34	cps
Boron	11-1	503988	502670	504217	503625	0.17	cps
Cadmium	111-1	231628	234125	232213	232655	0.56	cps
Cadmium	106-1	44889	45800	45173	45287	1.03	cps
Cadmium	108-1	22577	23011	23499	23029	2.00	cps
Calcium	43-1	61998	60859	61545	61468	0.93	cps
Calcium	44-1	948681	952491	942813	947995	0.51	cps
Chromium	52-2	262376	261214	261687	261759	0.22	cps
Cobalt	59-2	436182	434522	432520	434408	0.42	cps
Copper	63-2	308631	307369	311070	309023	0.61	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	83	83	58	75	19.24	cps
Erbium	164-2	57	40	47	48	17.56	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	107	60	80	82	28.48	cps
Holmium	165-1	10691173	10335784	10570009	10532322	1.72	cps
Holmium	165-2	5628955	5703960	5688810	5673908	0.70	cps
Indium	115-1	8464376	8257113	8407570	8376353	1.28	cps
Indium	115-2	1713312	1732168	1734028	1726503	0.66	cps
Iron	56-2	2252744	2245499	2252662	2250302	0.18	cps
Iron	57-2	55778	56542	55667	55996	0.85	cps
Lead	206-1	1496257	1506688	1514730	1505892	0.62	cps
Lead	207-1	1307410	1311916	1311608	1310312	0.19	cps
Lead	208-1	6028836	6056628	6082784	6056083	0.45	cps
Lithium	6-1	1918971	1867972	1891784	1892909	1.35	cps
Magnesium	24-2	230547	232350	230758	231218	0.43	cps
Manganese	55-2	155101	157091	155980	156057	0.64	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:28:55	DataFile Name :	013ICV01_P7071217 -M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3977384	3994210	3981333	3984309	0.22	cps
Molybdenum	95-1	2149429	2149386	2139197	2146004	0.27	cps
Molybdenum	96-1	2760947	2741935	2756406	2753096	0.36	cps
Molybdenum	97-1	1323974	1330821	1328848	1327881	0.27	cps
Molybdenum	98-1	3445895	3470777	3478513	3465061	0.49	cps
Neodymium	150-1	40	47	47	44	8.66	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	115174	113999	113720	114298	0.68	cps
Phosphorus	31-2	142	183	117	147	22.88	cps
Potassium	39-2	438248	433598	435938	435928	0.53	cps
Rhodium	103-1	7735154	7600651	7551238	7629014	1.25	cps
Rhodium	103-2	3611255	3630897	3633354	3625169	0.33	cps
Scandium	45-1	5463363	5245037	5301675	5336691	2.12	cps
Scandium	45-2	236508	236484	234286	235759	0.54	cps
Selenium	77-2	1260	1293	1330	1295	2.70	cps
Selenium	78-2	4623	4527	4504	4551	1.38	cps
Selenium	82-1	27971	28206	28270	28149	0.56	cps
Silicon	28-1	3094523	3103135	3099307	3098988	0.14	cps
Silver	109-1	1057155	1072994	1065705	1065284	0.74	cps
Silver	107-1	1115625	1125046	1129471	1123381	0.63	cps
Sodium	23-2	745385	735098	732086	737523	0.95	cps
Strontium	86-1	1418233	1433320	1436105	1429219	0.67	cps
Strontium	88-1	12292482	12502765	12473386	12422878	0.92	cps
Sulfur	34-1	320190	318022	313705	317306	1.04	cps
Terbium	159-1	11006837	10916992	10853809	10925880	0.70	cps
Terbium	159-2	5567893	5618849	5615688	5600810	0.51	cps
Thallium	203-1	1849281	1862381	1870360	1860674	0.57	cps
Thallium	205-1	4483545	4550660	4542758	4525654	0.81	cps
Tin	118-1	3681125	3730227	3731277	3714210	0.77	cps
Titanium	47-1	607924	611600	610639	610054	0.31	cps
Uranium	238-1	14513337	14775834	14528518	14605896	1.01	cps
Vanadium	51-2	219464	220756	219136	219785	0.39	cps
Yttrium	89-1	8859407	8655987	8787746	8767714	1.18	cps
Yttrium	89-2	1316629	1329025	1324834	1323496	0.48	cps
Zinc	66-2	86732	86068	86373	86391	0.38	cps
Zirconium	90-1	7569775	7552294	7548415	7556828	0.15	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:28:55	DataFile Name :	013ICV01_P7071217 -M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1665898	1656646	1676496	1666347	0.60	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:34:47	DataFile Name :	014CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	33	42	25	88.19	cps
Antimony	121-1	2717	2742	2867	2775	2.90	cps
Arsenic	75-2	28	35	24	29	19.51	cps
Barium	135-1	42	33	58	44	28.65	cps
Barium	137-1	67	42	75	61	28.38	cps
Beryllium	9-1	378	411	456	415	9.41	cps
Bismuth	209-1	6227042	6375494	6391325	6331287	1.43	cps
Bismuth	209-2	3897343	3919366	3937853	3918187	0.52	cps
Boron	10-1	2367	2109	2384	2286	6.74	cps
Boron	11-1	11780	11046	10754	11193	4.72	cps
Cadmium	111-1	1858	1834	2047	1913	6.11	cps
Cadmium	106-1	2659	2600	2909	2723	6.02	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	167	250	258	225	22.53	cps
Calcium	44-1	7102	6068	6152	6441	8.92	cps
Chromium	52-2	487	420	607	504	18.75	cps
Cobalt	59-2	163	190	143	166	14.14	cps
Copper	63-2	807	857	840	834	3.05	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	83	8	75	56	74.00	cps
Gadolinium	160-2	80	87	53	73	24.06	cps
Holmium	165-1	9509760	9632630	9522765	9555052	0.71	cps
Holmium	165-2	4982583	4995762	5047964	5008770	0.69	cps
Indium	115-1	7548251	7641113	7654739	7614701	0.76	cps
Indium	115-2	1527766	1535510	1559904	1541060	1.09	cps
Iron	56-2	9281	9476	9653	9470	1.97	cps
Iron	57-2	406	278	311	331	19.99	cps
Lead	206-1	1161	1039	961	1054	9.57	cps
Lead	207-1	950	972	889	937	4.61	cps
Lead	208-1	4439	4650	4089	4393	6.45	cps
Lithium	6-1	1719115	1724936	1712804	1718952	0.35	cps
Magnesium	24-2	1842	1558	1834	1745	9.24	cps
Manganese	55-2	450	457	440	449	1.87	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:34:47	DataFile Name :	014CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	692	750	694	7.81	cps
Molybdenum	95-1	600	608	558	589	4.55	cps
Molybdenum	96-1	617	592	725	644	11.00	cps
Molybdenum	97-1	367	467	417	417	12.00	cps
Molybdenum	98-1	825	833	883	847	3.72	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	817	910	880	869	5.48	cps
Phosphorus	31-2	142	175	117	144	20.26	cps
Potassium	39-2	34349	33121	33280	33583	1.99	cps
Rhodium	103-1	6854595	6911870	6904370	6890279	0.45	cps
Rhodium	103-2	3193007	3208194	3229185	3210129	0.57	cps
Scandium	45-1	4622324	4808818	4790951	4740697	2.17	cps
Scandium	45-2	202412	202953	206290	203885	1.03	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	65	78	91	78	16.66	cps
Selenium	82-1	-106	71	70	12	866.12	cps
Silicon	28-1	310125	312514	306453	309697	0.99	cps
Silver	109-1	150	133	142	142	5.88	cps
Silver	107-1	167	175	158	167	5.00	cps
Sodium	23-2	16443	16168	16117	16243	1.08	cps
Strontium	86-1	1500	1567	1634	1567	4.26	cps
Strontium	88-1	167	133	150	150	11.11	cps
Sulfur	34-1	312534	316690	315707	314977	0.69	cps
Terbium	159-1	9902717	10047218	9970989	9973641	0.72	cps
Terbium	159-2	4926172	4956532	4967484	4950063	0.43	cps
Thallium	203-1	300	375	350	342	11.18	cps
Thallium	205-1	833	767	767	789	4.88	cps
Tin	118-1	2700	2942	2634	2759	5.88	cps
Titanium	47-1	142	117	83	114	25.69	cps
Uranium	238-1	283	292	233	269	11.71	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-1	7786502	7912523	7838938	7845988	0.81	cps
Yttrium	89-2	1163232	1168692	1178073	1169999	0.64	cps
Zinc	66-2	260	200	200	220	15.75	cps
Zirconium	90-1	1208	1308	1217	1245	4.46	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:34:47	DataFile Name :	014CCBE_P7071217 -M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	292	333	306	7.87	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 13:38:16 DataFile Name : 015ICSA01_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7552963	7547561	7605803	7568776	0.43	cps
Antimony	121-1	13716	13240	14049	13668	2.98	cps
Arsenic	75-2	117	113	143	124	13.01	cps
Barium	135-1	3601	3509	3476	3528	1.84	cps
Barium	137-1	6610	5885	6393	6296	5.91	cps
Beryllium	9-1	722	644	800	722	10.77	cps
Bismuth	209-1	6574142	6604995	6563819	6580985	0.33	cps
Bismuth	209-2	4058781	4101065	4128578	4096141	0.86	cps
Boron	10-1	1942	1850	1767	1853	4.72	cps
Boron	11-1	9762	9879	9695	9779	0.95	cps
Cadmium	111-1	2829	2902	3248	2993	7.49	cps
Cadmium	106-1	2800	2800	3109	2903	6.13	cps
Cadmium	108-1	1813	1763	1838	1804	2.12	cps
Calcium	43-1	2686405	2700367	2710172	2698981	0.44	cps
Calcium	44-1	43521469	43646935	43427883	43532096	0.25	cps
Chromium	52-2	51463	51055	50744	51087	0.71	cps
Cobalt	59-2	4994	5014	5151	5053	1.69	cps
Copper	63-2	24471	23629	24307	24136	1.85	cps
Dysprosium	156-1	17	25	33	25	33.34	cps
Dysprosium	156-2	33	20	20	24	31.49	cps
Erbium	164-1	142	58	75	92	48.10	cps
Erbium	164-2	60	20	27	36	60.27	cps
Gadolinium	160-1	125	117	75	106	25.38	cps
Gadolinium	160-2	110	93	127	110	15.15	cps
Holmium	165-1	10501628	10487601	10504898	10498042	0.09	cps
Holmium	165-2	5596003	5580680	5688825	5621836	1.04	cps
Indium	115-1	8067269	8147658	8116800	8110575	0.50	cps
Indium	115-2	1658692	1659959	1685194	1667948	0.90	cps
Iron	56-2	212874894	210896271	212108766	211959977	0.47	cps
Iron	57-2	5321725	5349920	5362745	5344797	0.39	cps
Lead	206-1	35425	35175	34473	35024	1.41	cps
Lead	207-1	27418	27585	27156	27386	0.79	cps
Lead	208-1	132816	131325	129302	131147	1.34	cps
Lithium	6-1	1843073	1824810	1836742	1834875	0.51	cps
Magnesium	24-2	17991337	17900727	18050127	17980730	0.42	cps
Manganese	55-2	12349	12165	12082	12199	1.12	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 13:38:16 DataFile Name : 015ICSA01_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4982168	4964180	4993723	4980024	0.30	cps
Molybdenum	95-1	8766812	8736533	8822425	8775257	0.50	cps
Molybdenum	96-1	9207729	9225363	9272977	9235356	0.37	cps
Molybdenum	97-1	5456024	5440988	5462988	5453333	0.21	cps
Molybdenum	98-1	13994937	14015750	13988717	13999801	0.10	cps
Neodymium	150-1	47	60	60	56	13.85	cps
Neodymium	150-2	13	23	10	16	44.60	cps
Nickel	60-2	6378	6351	6408	6379	0.44	cps
Phosphorus	31-2	420712	423265	423716	422564	0.38	cps
Potassium	39-2	19312172	19355117	19348875	19338721	0.12	cps
Rhodium	103-1	7153597	7124601	7100961	7126386	0.37	cps
Rhodium	103-2	3323727	3352801	3372444	3349657	0.73	cps
Scandium	45-1	5210056	5191940	5253637	5218544	0.61	cps
Scandium	45-2	223742	225457	227296	225498	0.79	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	89	91	76	85	9.47	cps
Selenium	82-1	-115	-53	37	-44	-174.26	cps
Silicon	28-1	438113	440806	441280	440066	0.39	cps
Silver	109-1	1175	1308	1267	1250	5.46	cps
Silver	107-1	1217	1450	1417	1361	9.27	cps
Sodium	23-2	34197880	34366179	34396623	34320227	0.31	cps
Strontium	86-1	100743	101843	99779	100788	1.02	cps
Strontium	88-1	866265	874200	878971	873145	0.74	cps
Sulfur	34-1	4296419	4298185	4308317	4300974	0.15	cps
Terbium	159-1	10926691	10973734	10774544	10891656	0.96	cps
Terbium	159-2	5512830	5505309	5564408	5527515	0.58	cps
Thallium	203-1	842	858	758	820	6.54	cps
Thallium	205-1	2134	1934	1909	1992	6.19	cps
Tin	118-1	4109	3967	3859	3979	3.15	cps
Titanium	47-1	2483346	2506067	2512378	2500597	0.61	cps
Uranium	238-1	467	592	667	575	17.57	cps
Vanadium	51-2	297	330	417	348	17.81	cps
Yttrium	89-1	8536410	8415627	8622063	8524700	1.22	cps
Yttrium	89-2	1284708	1293314	1312724	1296915	1.11	cps
Zinc	66-2	5431	5404	5231	5356	2.03	cps
Zirconium	90-1	8978	8086	7119	8061	11.54	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:38:16	DataFile Name :	015ICSA01_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1900	1900	1834	1878	2.05	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 13:41:43 DataFile Name : 016ICSB_P7071217 -MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7626578	7614064	7649248	7629963	0.23	cps
Antimony	121-1	195923	194065	195552	195180	0.50	cps
Arsenic	75-2	6137	6148	6307	6197	1.54	cps
Barium	135-1	51061	51722	51614	51466	0.69	cps
Barium	137-1	89915	88255	88549	88906	1.00	cps
Beryllium	9-1	31338	31884	31979	31734	1.09	cps
Bismuth	209-1	6508293	6461726	6630011	6533343	1.33	cps
Bismuth	209-2	4042997	4043498	4177021	4087839	1.89	cps
Boron	10-1	9962	9845	9620	9809	1.77	cps
Boron	11-1	48127	49039	49440	48869	1.38	cps
Cadmium	111-1	46019	45728	45447	45731	0.63	cps
Cadmium	106-1	8603	8886	8653	8714	1.74	cps
Cadmium	108-1	5172	5501	5239	5304	3.28	cps
Calcium	43-1	2728935	2717269	2723094	2723099	0.21	cps
Calcium	44-1	43891375	43785516	43634721	43770537	0.29	cps
Chromium	52-2	102456	102654	103993	103035	0.81	cps
Cobalt	59-2	88454	88579	88458	88497	0.08	cps
Copper	63-2	82528	82514	84200	83081	1.17	cps
Dysprosium	156-1	33	58	67	53	32.88	cps
Dysprosium	156-2	23	40	33	32	26.04	cps
Erbium	164-1	75	75	58	69	13.85	cps
Erbium	164-2	20	50	33	34	43.64	cps
Gadolinium	160-1	125	92	100	106	16.44	cps
Gadolinium	160-2	110	127	63	100	32.83	cps
Holmium	165-1	10407770	10300870	10585335	10431325	1.38	cps
Holmium	165-2	5543617	5551399	5732761	5609259	1.91	cps
Indium	115-1	8172564	8068118	8238816	8159833	1.05	cps
Indium	115-2	1671441	1654408	1736117	1687322	2.55	cps
Iron	56-2	215055899	213219566	214152494	214142653	0.43	cps
Iron	57-2	5396098	5386786	5428428	5403771	0.40	cps
Lead	206-1	181672	179984	179409	180355	0.65	cps
Lead	207-1	149611	147801	147513	148308	0.77	cps
Lead	208-1	693859	696387	691830	694025	0.33	cps
Lithium	6-1	1819318	1786735	1832157	1812737	1.29	cps
Magnesium	24-2	18152435	18091671	18217224	18153777	0.35	cps
Manganese	55-2	43618	42715	43026	43120	1.06	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:41:43	DataFile Name :	016ICSB_P7071217 -MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5415526	5419989	5435021	5423512	0.19	cps
Molybdenum	95-1	8914926	9032487	8973007	8973473	0.66	cps
Molybdenum	96-1	9553298	9648746	9676997	9626347	0.67	cps
Molybdenum	97-1	5572604	5595406	5625130	5597713	0.47	cps
Molybdenum	98-1	14410972	14408739	14327243	14382318	0.33	cps
Neodymium	150-1	40	27	53	40	33.33	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	27857	28087	28010	27985	0.42	cps
Phosphorus	31-2	427226	430487	427299	428337	0.43	cps
Potassium	39-2	19647615	19614395	19744609	19668873	0.34	cps
Rhodium	103-1	7226543	7061965	7337886	7208798	1.93	cps
Rhodium	103-2	3344652	3325700	3450446	3373599	1.99	cps
Scandium	45-1	5365753	5232496	5275076	5291108	1.29	cps
Scandium	45-2	225354	227364	236377	229698	2.56	cps
Selenium	77-2	117	140	180	146	22.00	cps
Selenium	78-2	515	532	474	507	5.83	cps
Selenium	82-1	2824	2606	2841	2757	4.74	cps
Silicon	28-1	738922	746838	740027	741929	0.58	cps
Silver	109-1	194638	196076	194674	195129	0.42	cps
Silver	107-1	206410	207113	203339	205621	0.98	cps
Sodium	23-2	34544457	34604927	34750529	34633304	0.31	cps
Strontium	86-1	247083	244710	245558	245784	0.49	cps
Strontium	88-1	2150327	2157539	2140307	2149391	0.40	cps
Sulfur	34-1	4303299	4296506	4326070	4308625	0.36	cps
Terbium	159-1	10916768	10793741	11065277	10925262	1.24	cps
Terbium	159-2	5501970	5480842	5635272	5539361	1.51	cps
Thallium	203-1	176954	178278	176320	177184	0.56	cps
Thallium	205-1	424253	426203	425478	425312	0.23	cps
Tin	118-1	371785	373911	371774	372490	0.33	cps
Titanium	47-1	2575450	2586653	2595454	2585852	0.39	cps
Uranium	238-1	1489944	1496225	1491595	1492588	0.22	cps
Vanadium	51-2	43270	43197	43544	43337	0.42	cps
Yttrium	89-1	8594204	8445016	8764815	8601345	1.86	cps
Yttrium	89-2	1303976	1296684	1345071	1315244	1.98	cps
Zinc	66-2	13667	13603	13613	13628	0.25	cps
Zirconium	90-1	755106	758121	765177	759468	0.68	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:41:43	DataFile Name :	016ICSB_P7071217 -MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	168844	169964	170034	169614	0.39	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:45:10	DataFile Name :	017CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4326033	4323681	4353142	4334285	0.38	cps
Antimony	121-1	4599210	4628157	4572306	4599891	0.61	cps
Arsenic	75-2	155040	155562	156092	155565	0.34	cps
Barium	135-1	5924892	5909913	5903657	5912821	0.18	cps
Barium	137-1	10120670	10052787	10195845	10123101	0.71	cps
Beryllium	9-1	784937	791414	791841	789398	0.49	cps
Bismuth	209-1	6279351	6256571	6279257	6271726	0.21	cps
Bismuth	209-2	3856117	3910217	3895766	3887367	0.72	cps
Boron	10-1	87193	91099	89841	89378	2.23	cps
Boron	11-1	429621	439295	443443	437453	1.62	cps
Cadmium	111-1	1046297	1036103	1037761	1040054	0.53	cps
Cadmium	106-1	114931	115460	116199	115530	0.55	cps
Cadmium	108-1	75944	76019	75626	75863	0.28	cps
Calcium	43-1	7093334	7086826	7117047	7099069	0.22	cps
Calcium	44-1	112935915	113991665	112874361	113267314	0.55	cps
Chromium	52-2	1385695	1376758	1382489	1381647	0.33	cps
Cobalt	59-2	2111433	2113649	2129698	2118260	0.47	cps
Copper	63-2	2886156	2891317	2911190	2896221	0.46	cps
Dysprosium	156-1	208	250	233	231	9.10	cps
Dysprosium	156-2	60	117	80	86	33.59	cps
Erbium	164-1	67	67	33	56	34.65	cps
Erbium	164-2	43	37	23	34	29.57	cps
Gadolinium	160-1	175	108	142	142	23.53	cps
Gadolinium	160-2	103	137	100	113	17.89	cps
Holmium	165-1	10293727	10207147	10188408	10229761	0.55	cps
Holmium	165-2	5428531	5523901	5481546	5477992	0.87	cps
Indium	115-1	7970197	7939790	7990407	7966798	0.32	cps
Indium	115-2	1620362	1631720	1631702	1627928	0.40	cps
Iron	56-2	275051528	272758995	274292256	274034260	0.43	cps
Iron	57-2	6765670	6793065	6826627	6795121	0.45	cps
Lead	206-1	3488617	3473016	3489704	3483779	0.27	cps
Lead	207-1	3153843	3142857	3143927	3146876	0.19	cps
Lead	208-1	14206685	14208784	14192383	14202618	0.06	cps
Lithium	6-1	1774439	1771384	1777601	1774475	0.18	cps
Magnesium	24-2	48343770	48226928	48554726	48375141	0.34	cps
Manganese	55-2	1580744	1576437	1582677	1579953	0.20	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:45:10	DataFile Name :	017CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4081385	4099915	4103371	4094891	0.29	cps
Molybdenum	95-1	2275402	2274953	2271269	2273875	0.10	cps
Molybdenum	96-1	2900075	2887428	2907671	2898391	0.35	cps
Molybdenum	97-1	1399557	1411412	1417911	1409627	0.66	cps
Molybdenum	98-1	3668621	3670984	3657233	3665612	0.20	cps
Neodymium	150-1	607	533	573	571	6.43	cps
Neodymium	150-2	67	63	73	68	7.51	cps
Nickel	60-2	544010	545179	546765	545318	0.25	cps
Phosphorus	31-2	45236	45788	46540	45855	1.43	cps
Potassium	39-2	26143114	25841334	26177288	26053912	0.71	cps
Rhodium	103-1	6952334	6968587	6912313	6944411	0.42	cps
Rhodium	103-2	3226789	3260612	3245261	3244221	0.52	cps
Scandium	45-1	5362163	5276852	5366012	5335009	0.94	cps
Scandium	45-2	231359	232187	233796	232447	0.53	cps
Selenium	77-2	3197	3407	3114	3239	4.67	cps
Selenium	78-2	10737	10463	10824	10675	1.77	cps
Selenium	82-1	65799	65502	65783	65695	0.25	cps
Silicon	28-1	3332674	3363177	3358193	3351348	0.49	cps
Silver	109-1	5008937	4990759	4999866	4999854	0.18	cps
Silver	107-1	5208140	5215728	5220945	5214937	0.12	cps
Sodium	23-2	92026331	91508408	92114273	91883004	0.36	cps
Strontium	86-1	1527592	1518525	1536185	1527434	0.58	cps
Strontium	88-1	13362116	13183359	13193337	13246271	0.76	cps
Sulfur	34-1	715579	716693	712726	714999	0.29	cps
Terbium	159-1	10562843	10741307	10606684	10636945	0.87	cps
Terbium	159-2	5351241	5434671	5414734	5400215	0.81	cps
Thallium	203-1	4294499	4311255	4267292	4291015	0.52	cps
Thallium	205-1	10155502	10214316	10111905	10160574	0.51	cps
Tin	118-1	3760491	3755414	3751251	3755719	0.12	cps
Titanium	47-1	649593	657251	653122	653322	0.59	cps
Uranium	238-1	15183990	15110093	15132263	15142115	0.25	cps
Vanadium	51-2	1146623	1139864	1152632	1146373	0.56	cps
Yttrium	89-1	8577977	8638455	8489730	8568721	0.87	cps
Yttrium	89-2	1292669	1306337	1303701	1300902	0.56	cps
Zinc	66-2	398503	399962	402549	400338	0.51	cps
Zirconium	90-1	7662200	7721255	7683455	7688970	0.39	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:45:10	DataFile Name :	017CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1673864	1705262	1683313	1687480	0.95	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:49:37	DataFile Name :	018CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	108	125	117	7.14	cps
Antimony	121-1	7044	6735	7002	6927	2.42	cps
Arsenic	75-2	50	48	61	53	13.20	cps
Barium	135-1	33	50	50	44	21.66	cps
Barium	137-1	108	100	75	94	18.37	cps
Beryllium	9-1	689	606	539	611	12.30	cps
Bismuth	209-1	6908119	6901312	6854453	6887961	0.42	cps
Bismuth	209-2	4354587	4226677	4352942	4311402	1.70	cps
Boron	10-1	3517	3275	2909	3234	9.47	cps
Boron	11-1	16418	16944	15559	16307	4.29	cps
Cadmium	111-1	1995	2057	2376	2143	9.55	cps
Cadmium	106-1	2809	2925	3376	3037	9.86	cps
Cadmium	108-1	0	29	17	15	95.78	cps
Calcium	43-1	192	183	200	192	4.35	cps
Calcium	44-1	7227	7227	7344	7266	0.93	cps
Chromium	52-2	497	520	403	473	13.04	cps
Cobalt	59-2	180	157	140	159	12.65	cps
Copper	63-2	1553	1640	1547	1580	3.30	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	8	25	50	28	75.51	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	75	33	67	58	37.80	cps
Gadolinium	160-2	60	123	97	93	34.07	cps
Holmium	165-1	10648619	10226691	10411217	10428842	2.03	cps
Holmium	165-2	5575947	5445616	5612853	5544805	1.58	cps
Indium	115-1	8571906	8426134	8494843	8497628	0.86	cps
Indium	115-2	1752717	1699585	1742090	1731464	1.62	cps
Iron	56-2	19486	19864	18940	19430	2.39	cps
Iron	57-2	544	633	572	583	7.80	cps
Lead	206-1	1567	1589	1422	1526	5.93	cps
Lead	207-1	1206	1228	1256	1230	2.04	cps
Lead	208-1	5784	5878	5901	5854	1.06	cps
Lithium	6-1	1879971	1872005	1894777	1882251	0.61	cps
Magnesium	24-2	1600	1508	1467	1525	4.47	cps
Manganese	55-2	463	487	443	464	4.67	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:49:37	DataFile Name :	018CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1992	1700	1775	1822	8.31	cps
Molybdenum	95-1	1417	1675	1642	1578	8.91	cps
Molybdenum	96-1	1825	1750	1450	1675	11.85	cps
Molybdenum	97-1	1200	1083	892	1058	14.71	cps
Molybdenum	98-1	2450	2417	2342	2403	2.31	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	823	850	813	829	2.29	cps
Phosphorus	31-2	167	125	175	156	17.22	cps
Potassium	39-2	36830	36212	37398	36813	1.61	cps
Rhodium	103-1	7709663	7641206	7840939	7730603	1.31	cps
Rhodium	103-2	3637879	3511940	3630699	3593506	1.97	cps
Scandium	45-1	5465340	5356828	5381182	5401117	1.05	cps
Scandium	45-2	236078	230032	235305	233805	1.41	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	85	72	78	78	8.30	cps
Selenium	82-1	13	-76	68	2	4586.09	cps
Silicon	28-1	323926	320639	322865	322477	0.52	cps
Silver	109-1	408	492	467	456	9.39	cps
Silver	107-1	542	350	483	458	21.44	cps
Sodium	23-2	26057	25965	24446	25489	3.55	cps
Strontium	86-1	1542	1825	1550	1639	9.84	cps
Strontium	88-1	292	275	317	294	7.12	cps
Sulfur	34-1	316064	319408	316398	317290	0.58	cps
Terbium	159-1	10887516	10928131	10985687	10933778	0.45	cps
Terbium	159-2	5587698	5421641	5544578	5517972	1.56	cps
Thallium	203-1	792	692	700	728	7.62	cps
Thallium	205-1	1884	2075	1925	1961	5.14	cps
Tin	118-1	3584	3275	3936	3598	9.18	cps
Titanium	47-1	142	175	150	156	11.15	cps
Uranium	238-1	292	233	350	292	20.00	cps
Vanadium	51-2	20	0	33	18	94.37	cps
Yttrium	89-1	8758812	8697038	8804673	8753508	0.62	cps
Yttrium	89-2	1326432	1299189	1328893	1318171	1.25	cps
Zinc	66-2	423	393	343	387	10.45	cps
Zirconium	90-1	2900	2575	2650	2709	6.28	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:49:37	DataFile Name :	018CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	525	533	575	13.82	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:53:05	DataFile Name :	019SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1517	1700	1550	1589	6.15	cps
Antimony	121-1	19756	20023	20040	19940	0.80	cps
Arsenic	75-2	317	331	333	327	2.79	cps
Barium	135-1	21451	21509	21317	21426	0.46	cps
Barium	137-1	37327	36967	37084	37126	0.49	cps
Beryllium	9-1	2000	1800	1778	1859	6.58	cps
Bismuth	209-1	6904575	7030317	6886430	6940441	1.13	cps
Bismuth	209-2	4345737	4236662	4243044	4275148	1.43	cps
Boron	10-1	5226	5768	5543	5512	4.94	cps
Boron	11-1	27960	28720	28261	28314	1.35	cps
Cadmium	111-1	4174	4306	4316	4265	1.86	cps
Cadmium	106-1	2967	3401	3226	3198	6.82	cps
Cadmium	108-1	183	154	150	163	11.18	cps
Calcium	43-1	13198	12889	13073	13054	1.19	cps
Calcium	44-1	211819	213292	213917	213009	0.51	cps
Chromium	52-2	5801	5651	6038	5830	3.35	cps
Cobalt	59-2	4177	4274	4137	4196	1.68	cps
Copper	63-2	7959	8082	7972	8005	0.85	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	75	67	42	61	28.38	cps
Erbium	164-2	37	13	30	27	45.08	cps
Gadolinium	160-1	108	42	83	78	43.30	cps
Gadolinium	160-2	53	77	97	76	28.71	cps
Holmium	165-1	10410969	10632434	10485262	10509555	1.07	cps
Holmium	165-2	5617577	5536152	5501440	5551723	1.07	cps
Indium	115-1	8511600	8633800	8560612	8568670	0.72	cps
Indium	115-2	1748177	1722429	1714993	1728533	1.01	cps
Iron	56-2	118378	116637	120003	118340	1.42	cps
Iron	57-2	2961	3123	3412	3165	7.21	cps
Lead	206-1	9715	9732	9304	9583	2.53	cps
Lead	207-1	8753	8597	8909	8753	1.78	cps
Lead	208-1	40025	39201	38745	39324	1.65	cps
Lithium	6-1	1887829	1924908	1904700	1905813	0.97	cps
Magnesium	24-2	88997	89450	89684	89377	0.39	cps
Manganese	55-2	1994	1947	1977	1972	1.20	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:53:05	DataFile Name :	019SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18688	18880	17778	18449	3.19	cps
Molybdenum	95-1	21024	21817	21425	21422	1.85	cps
Molybdenum	96-1	23278	24004	23637	23640	1.54	cps
Molybdenum	97-1	12798	13415	12957	13057	2.46	cps
Molybdenum	98-1	34142	33006	33098	33415	1.89	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1977	1837	1984	1932	4.29	cps
Phosphorus	31-2	125	200	142	156	25.32	cps
Potassium	39-2	130780	131444	131124	131116	0.25	cps
Rhodium	103-1	7690095	7941367	7685878	7772447	1.88	cps
Rhodium	103-2	3631234	3562481	3545387	3579701	1.27	cps
Scandium	45-1	5394073	5556650	5465505	5472076	1.49	cps
Scandium	45-2	231283	228715	230084	230027	0.56	cps
Selenium	77-2	27	53	13	31	65.47	cps
Selenium	78-2	167	215	174	185	14.00	cps
Selenium	82-1	628	670	760	686	9.81	cps
Silicon	28-1	368269	370866	369466	369534	0.35	cps
Silver	109-1	13891	13999	13257	13716	2.92	cps
Silver	107-1	13832	13832	13957	13874	0.52	cps
Sodium	23-2	192029	195197	194638	193955	0.87	cps
Strontium	86-1	4543	4543	4476	4520	0.85	cps
Strontium	88-1	25106	25173	24622	24967	1.20	cps
Sulfur	34-1	317809	318656	320481	318982	0.43	cps
Terbium	159-1	10916735	11206016	10872739	10998497	1.65	cps
Terbium	159-2	5578823	5488665	5471440	5512976	1.05	cps
Thallium	203-1	8920	9287	8887	9031	2.46	cps
Thallium	205-1	21635	21777	21235	21549	1.31	cps
Tin	118-1	36632	36398	37543	36858	1.64	cps
Titanium	47-1	5876	5568	5985	5810	3.72	cps
Uranium	238-1	27923	27196	27305	27474	1.43	cps
Vanadium	51-2	10277	10140	10110	10176	0.87	cps
Yttrium	89-1	8803116	9043860	8840134	8895703	1.46	cps
Yttrium	89-2	1328137	1311931	1297815	1312628	1.16	cps
Zinc	66-2	1387	1310	1250	1316	5.21	cps
Zirconium	90-1	18646	18162	18003	18271	1.83	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 13:53:05	DataFile Name :	019SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4568	4142	3917	4209	7.85	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:03:19	DataFile Name :	020SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1709	1525	1567	1600	6.01	cps
Antimony	121-1	18037	18104	18196	18112	0.44	cps
Arsenic	75-2	246	302	294	281	10.74	cps
Barium	135-1	21568	21350	20958	21292	1.45	cps
Barium	137-1	36741	37443	37828	37337	1.48	cps
Beryllium	9-1	1633	1856	1783	1758	6.45	cps
Bismuth	209-1	6799331	6808238	6839739	6815770	0.31	cps
Bismuth	209-2	4251525	4067419	4212881	4177275	2.32	cps
Boron	10-1	4476	4768	4826	4690	4.00	cps
Boron	11-1	22326	22835	22743	22634	1.20	cps
Cadmium	111-1	4021	3803	4096	3973	3.82	cps
Cadmium	106-1	3050	3017	2917	2995	2.32	cps
Cadmium	108-1	158	221	150	176	21.95	cps
Calcium	43-1	12481	12147	12564	12397	1.78	cps
Calcium	44-1	203406	204361	206826	204864	0.86	cps
Chromium	52-2	5661	5748	5675	5695	0.82	cps
Cobalt	59-2	3944	4094	3954	3997	2.10	cps
Copper	63-2	7272	7442	7092	7269	2.41	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	30	23	17	23	28.56	cps
Gadolinium	160-1	67	25	83	58	51.51	cps
Gadolinium	160-2	137	70	93	100	33.83	cps
Holmium	165-1	10431268	10411772	10540554	10461198	0.66	cps
Holmium	165-2	5469617	5255815	5467193	5397542	2.27	cps
Indium	115-1	8296712	8338045	8435626	8356794	0.85	cps
Indium	115-2	1699518	1629144	1680228	1669630	2.18	cps
Iron	56-2	110596	111062	110032	110563	0.47	cps
Iron	57-2	2828	3162	3000	2997	5.56	cps
Lead	206-1	9509	9470	9387	9455	0.66	cps
Lead	207-1	8614	8842	8275	8577	3.33	cps
Lead	208-1	39302	39636	38540	39159	1.43	cps
Lithium	6-1	1888747	1882792	1900471	1890670	0.48	cps
Magnesium	24-2	89274	87723	87220	88073	1.22	cps
Manganese	55-2	1843	1940	1790	1858	4.09	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 14:03:19 DataFile Name : 020SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16610	17511	17962	17361	3.96	cps
Molybdenum	95-1	20232	20774	20782	20596	1.53	cps
Molybdenum	96-1	22777	22769	22685	22744	0.22	cps
Molybdenum	97-1	12506	12773	12639	12639	1.06	cps
Molybdenum	98-1	32187	32120	32020	32109	0.26	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2230	2160	2174	2188	1.70	cps
Phosphorus	31-2	208	108	158	158	31.58	cps
Potassium	39-2	125838	127890	125611	126446	0.99	cps
Rhodium	103-1	7548722	7495106	7611289	7551706	0.77	cps
Rhodium	103-2	3535624	3390387	3511067	3479026	2.23	cps
Scandium	45-1	5210144	5190063	5256738	5218982	0.66	cps
Scandium	45-2	226073	210395	221815	219428	3.69	cps
Selenium	77-2	33	40	17	30	40.05	cps
Selenium	78-2	163	93	176	144	31.18	cps
Selenium	82-1	627	688	646	653	4.76	cps
Silicon	28-1	358781	351829	357321	355977	1.03	cps
Silver	109-1	13090	12790	12998	12959	1.19	cps
Silver	107-1	13332	13282	13557	13390	1.09	cps
Sodium	23-2	185237	186209	186612	186020	0.38	cps
Strontium	86-1	4259	4593	4059	4304	6.26	cps
Strontium	88-1	24280	24280	24973	24511	1.63	cps
Sulfur	34-1	320317	321213	315307	318946	1.00	cps
Terbium	159-1	10673460	10802625	10803674	10759920	0.70	cps
Terbium	159-2	5484010	5204738	5364750	5351166	2.62	cps
Thallium	203-1	8853	8378	8520	8584	2.84	cps
Thallium	205-1	21101	20408	21009	20839	1.81	cps
Tin	118-1	35588	35905	35597	35697	0.51	cps
Titanium	47-1	5801	5910	5968	5893	1.44	cps
Uranium	238-1	27831	28524	28022	28126	1.27	cps
Vanadium	51-2	10180	9887	9870	9979	1.75	cps
Yttrium	89-1	8564019	8514555	8459254	8512609	0.62	cps
Yttrium	89-2	1284146	1242848	1273955	1266983	1.70	cps
Zinc	66-2	1137	1257	1133	1176	5.98	cps
Zirconium	90-1	16452	15509	16519	16160	3.49	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:03:19	DataFile Name :	020SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3234	3767	3701	3567	8.15	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BL	Instrumnet Name :	P7
Client Sample ID :	PB100591BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:47:42	DataFile Name :	021CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	58	42	40.00	cps
Antimony	121-1	358	333	400	364	9.25	cps
Arsenic	75-2	11	7	9	9	19.98	cps
Barium	135-1	33	42	50	42	20.00	cps
Barium	137-1	133	92	125	117	18.90	cps
Beryllium	9-1	83	111	128	107	20.90	cps
Bismuth	209-1	6913997	6971132	6952123	6945751	0.42	cps
Bismuth	209-2	4325224	4353574	4302983	4327260	0.59	cps
Boron	10-1	275	317	333	308	9.75	cps
Boron	11-1	1483	1483	1608	1525	4.73	cps
Cadmium	111-1	1906	2125	2018	2016	5.43	cps
Cadmium	106-1	2709	3017	2892	2873	5.40	cps
Cadmium	108-1	4	0	21	8	132.26	cps
Calcium	43-1	125	133	167	142	15.56	cps
Calcium	44-1	4943	5360	5510	5271	5.57	cps
Chromium	52-2	427	417	553	466	16.36	cps
Cobalt	59-2	163	120	117	133	19.53	cps
Copper	63-2	537	493	540	523	4.98	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	27	13	3	14	81.07	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Gadolinium	160-2	113	63	107	94	28.75	cps
Holmium	165-1	10327149	10428296	10356015	10370487	0.50	cps
Holmium	165-2	5479372	5526762	5467019	5491051	0.57	cps
Indium	115-1	8096981	8153558	8135785	8128775	0.36	cps
Indium	115-2	1677789	1694284	1658694	1676923	1.06	cps
Iron	56-2	5346	5562	5307	5405	2.55	cps
Iron	57-2	361	294	289	315	12.77	cps
Lead	206-1	628	661	739	676	8.44	cps
Lead	207-1	589	639	617	615	4.07	cps
Lead	208-1	2578	2767	2739	2695	3.79	cps
Lithium	6-1	1916023	1923912	1911219	1917051	0.33	cps
Magnesium	24-2	2442	2450	2225	2373	5.38	cps
Manganese	55-2	293	383	357	344	13.42	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BL	Instrumnet Name :	P7
Client Sample ID :	PB100591BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:47:42	DataFile Name :	021CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	300	300	306	3.15	cps
Molybdenum	95-1	100	67	83	83	20.00	cps
Molybdenum	96-1	67	142	208	139	51.03	cps
Molybdenum	97-1	42	67	67	58	24.74	cps
Molybdenum	98-1	142	167	58	122	46.41	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	853	790	820	821	3.86	cps
Phosphorus	31-2	108	150	100	119	22.43	cps
Potassium	39-2	33030	32461	33413	32968	1.45	cps
Rhodium	103-1	7387916	7431979	7428940	7416278	0.33	cps
Rhodium	103-2	3487211	3529255	3461351	3492606	0.98	cps
Scandium	45-1	5048271	5103254	5145789	5099105	0.96	cps
Scandium	45-2	223142	228515	223643	225100	1.32	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	57	54	65	59	9.65	cps
Selenium	82-1	-100	-27	-72	-66	-55.99	cps
Silicon	28-1	301732	301942	300124	301266	0.33	cps
Silver	109-1	83	58	67	69	18.33	cps
Silver	107-1	183	108	192	161	28.49	cps
Sodium	23-2	14633	15158	15050	14947	1.86	cps
Strontium	86-1	1784	1709	1750	1747	2.15	cps
Strontium	88-1	100	142	100	114	21.12	cps
Sulfur	34-1	336746	331191	334292	334076	0.83	cps
Terbium	159-1	10686697	10772279	10904525	10787833	1.02	cps
Terbium	159-2	5423491	5477431	5402716	5434546	0.71	cps
Thallium	203-1	150	133	200	161	21.53	cps
Thallium	205-1	342	258	308	303	13.85	cps
Tin	118-1	1192	1267	1167	1208	4.31	cps
Titanium	47-1	108	108	108	108	0.00	cps
Uranium	238-1	108	75	50	78	37.63	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Yttrium	89-1	8399489	8458661	8359730	8405960	0.59	cps
Yttrium	89-2	1269971	1273972	1256060	1266668	0.74	cps
Zinc	66-2	127	130	147	134	7.97	cps
Zirconium	90-1	617	733	850	733	15.91	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BL	Instrumnet Name :	P7
Client Sample ID :	PB100591BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:47:42	DataFile Name :	021CCBE_P7071217 -M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	225	142	172	26.65	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : PB100591BS Instrumnet Name : P7
 Client Sample ID : PB100591BS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 14:51:10 DataFile Name : 022CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	814975	821522	821037	819178	0.45	cps
Antimony	121-1	4685119	4715814	4754330	4718421	0.73	cps
Arsenic	75-2	151412	153294	152879	152528	0.65	cps
Barium	135-1	5935924	5942351	5958293	5945523	0.19	cps
Barium	137-1	10190818	10144261	10150928	10162003	0.25	cps
Beryllium	9-1	805024	800237	806113	803791	0.39	cps
Bismuth	209-1	6875241	6679282	6792458	6782327	1.45	cps
Bismuth	209-2	4074446	4118311	4037036	4076598	1.00	cps
Boron	10-1	84385	86496	86506	85796	1.42	cps
Boron	11-1	415721	423685	432167	423858	1.94	cps
Cadmium	111-1	1089615	1088350	1091518	1089828	0.15	cps
Cadmium	106-1	120997	122441	121677	121705	0.59	cps
Cadmium	108-1	78813	79425	79928	79389	0.70	cps
Calcium	43-1	1384357	1376005	1388468	1382943	0.46	cps
Calcium	44-1	22035254	21909313	22007009	21983858	0.30	cps
Chromium	52-2	1297737	1306430	1301389	1301852	0.34	cps
Cobalt	59-2	2089606	2094959	2092742	2092436	0.13	cps
Copper	63-2	2921971	2937681	2952267	2937307	0.52	cps
Dysprosium	156-1	158	142	133	144	8.81	cps
Dysprosium	156-2	73	107	77	86	21.46	cps
Erbium	164-1	67	67	42	58	24.74	cps
Erbium	164-2	23	10	23	19	40.75	cps
Gadolinium	160-1	125	117	125	122	3.94	cps
Gadolinium	160-2	103	93	130	109	17.40	cps
Holmium	165-1	10612371	10145549	10627878	10461933	2.62	cps
Holmium	165-2	5412890	5443790	5379652	5412111	0.59	cps
Indium	115-1	8169868	7782561	8047798	8000076	2.48	cps
Indium	115-2	1622991	1625003	1611295	1619763	0.46	cps
Iron	56-2	54170261	53939186	54048989	54052812	0.21	cps
Iron	57-2	1352429	1353226	1351268	1352308	0.07	cps
Lead	206-1	3728926	3722499	3744031	3731819	0.30	cps
Lead	207-1	3365800	3345904	3343409	3351704	0.37	cps
Lead	208-1	15107891	15118108	15010211	15078737	0.40	cps
Lithium	6-1	1931582	1891428	1925531	1916181	1.13	cps
Magnesium	24-2	9522688	9506273	9575206	9534722	0.38	cps
Manganese	55-2	1519777	1521874	1520918	1520856	0.07	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : PB100591BS Instrumnet Name : P7
 Client Sample ID : PB100591BS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 14:51:10 DataFile Name : 022CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4091875	4155959	4107615	4118483	0.81	cps
Molybdenum	95-1	2220697	2243452	2227545	2230565	0.52	cps
Molybdenum	96-1	2851916	2869412	2853842	2858390	0.34	cps
Molybdenum	97-1	1374320	1390660	1390535	1385172	0.68	cps
Molybdenum	98-1	3613143	3602013	3601282	3605479	0.18	cps
Neodymium	150-1	573	433	493	500	14.05	cps
Neodymium	150-2	40	60	70	57	26.96	cps
Nickel	60-2	541122	539376	541364	540621	0.20	cps
Phosphorus	31-2	43523	44392	43790	43902	1.01	cps
Potassium	39-2	4982651	4959877	4969269	4970599	0.23	cps
Rhodium	103-1	7175625	7062160	7132614	7123467	0.80	cps
Rhodium	103-2	3311083	3344878	3300820	3318927	0.69	cps
Scandium	45-1	5217933	5110082	5266534	5198183	1.54	cps
Scandium	45-2	221656	223929	219847	221811	0.92	cps
Selenium	77-2	3040	3264	3000	3101	4.58	cps
Selenium	78-2	10910	10819	10926	10885	0.53	cps
Selenium	82-1	67485	67948	67899	67778	0.38	cps
Silicon	28-1	3254006	3240619	3269230	3254618	0.44	cps
Silver	109-1	5220565	5269723	5207423	5232570	0.63	cps
Silver	107-1	5436188	5475548	5486144	5465960	0.48	cps
Sodium	23-2	17747646	17673732	17787235	17736204	0.32	cps
Strontium	86-1	1475935	1495657	1476057	1482550	0.77	cps
Strontium	88-1	12954997	12778048	12683362	12805469	1.08	cps
Sulfur	34-1	730589	723189	719471	724416	0.78	cps
Terbium	159-1	10863709	10699476	10842492	10801892	0.83	cps
Terbium	159-2	5368206	5400874	5322573	5363884	0.73	cps
Thallium	203-1	4602258	4574642	4611604	4596168	0.42	cps
Thallium	205-1	10883154	10816162	10809897	10836404	0.37	cps
Tin	118-1	3811454	3792143	3806635	3803411	0.26	cps
Titanium	47-1	637636	627449	640459	635181	1.08	cps
Uranium	238-1	15855285	15556895	15451283	15621154	1.34	cps
Vanadium	51-2	1079086	1080527	1081562	1080391	0.12	cps
Yttrium	89-1	8440102	8380552	8452439	8424364	0.46	cps
Yttrium	89-2	1244573	1260978	1246130	1250560	0.72	cps
Zinc	66-2	408593	413877	412949	411806	0.69	cps
Zirconium	90-1	7726322	7845284	7717508	7763038	0.92	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	PB100591BS	Instrumnet Name :	P7
Client Sample ID :	PB100591BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:51:10	DataFile Name :	022CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1726319	1726449	1709928	1720899	0.55	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4085-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:54:35	DataFile Name :	023SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	67	61	15.75	cps
Antimony	121-1	9629	8837	8369	8945	7.12	cps
Arsenic	75-2	43	44	57	48	16.77	cps
Barium	135-1	83	83	67	78	12.37	cps
Barium	137-1	250	158	192	200	23.20	cps
Beryllium	9-1	461	417	417	431	5.95	cps
Bismuth	209-1	7200631	7207879	7237860	7215457	0.27	cps
Bismuth	209-2	4430889	4475000	4438356	4448082	0.53	cps
Boron	10-1	4209	4242	4167	4206	0.89	cps
Boron	11-1	21424	20515	19163	20367	5.59	cps
Cadmium	111-1	2151	2208	2085	2148	2.86	cps
Cadmium	106-1	3025	3117	2934	3025	3.03	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Calcium	43-1	633	725	558	639	13.07	cps
Calcium	44-1	13890	13765	14091	13916	1.18	cps
Chromium	52-2	677	647	690	671	3.31	cps
Cobalt	59-2	160	173	127	153	15.68	cps
Copper	63-2	970	990	950	970	2.06	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	67	17	39	65.46	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	100	75	58	78	26.96	cps
Gadolinium	160-2	103	67	93	88	21.59	cps
Holmium	165-1	10887342	10916186	10856474	10886668	0.27	cps
Holmium	165-2	5625798	5697223	5620137	5647719	0.76	cps
Indium	115-1	8734179	8675574	8650049	8686601	0.50	cps
Indium	115-2	1728080	1752012	1735338	1738477	0.71	cps
Iron	56-2	9359	8853	9487	9233	3.63	cps
Iron	57-2	350	322	350	341	4.71	cps
Lead	206-1	1017	1117	1122	1085	5.47	cps
Lead	207-1	1117	1033	933	1028	8.93	cps
Lead	208-1	4512	4439	4389	4447	1.38	cps
Lithium	6-1	2020557	2030545	1998305	2016469	0.82	cps
Magnesium	24-2	1842	1859	1750	1817	3.21	cps
Manganese	55-2	523	457	420	467	11.23	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4085-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:54:35	DataFile Name :	023SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1275	1142	1200	1206	5.54	cps
Molybdenum	95-1	1417	1275	1517	1403	8.66	cps
Molybdenum	96-1	1550	1592	1392	1511	6.98	cps
Molybdenum	97-1	817	967	875	886	8.53	cps
Molybdenum	98-1	2175	2217	2142	2178	1.73	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	817	830	727	791	7.11	cps
Phosphorus	31-2	142	158	133	144	8.81	cps
Potassium	39-2	32177	31835	33372	32461	2.48	cps
Rhodium	103-1	7861491	7874815	7829812	7855372	0.29	cps
Rhodium	103-2	3608018	3645880	3591420	3615106	0.77	cps
Scandium	45-1	5352071	5337339	5393772	5361061	0.55	cps
Scandium	45-2	230102	229757	230041	229966	0.08	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	65	56	67	62	9.55	cps
Selenium	82-1	103	-96	97	35	325.41	cps
Silicon	28-1	284069	285132	281947	283716	0.57	cps
Silver	109-1	175	258	275	236	22.69	cps
Silver	107-1	333	208	192	244	31.68	cps
Sodium	23-2	19472	19739	19455	19555	0.81	cps
Strontium	86-1	1617	1525	1684	1608	4.94	cps
Strontium	88-1	1592	1417	1450	1486	6.25	cps
Sulfur	34-1	304233	307873	306425	306177	0.60	cps
Terbium	159-1	11282402	11334981	11296743	11304709	0.24	cps
Terbium	159-2	5555011	5645049	5600421	5600160	0.80	cps
Thallium	203-1	933	875	792	867	8.22	cps
Thallium	205-1	2484	2350	1950	2261	12.28	cps
Tin	118-1	3984	3751	3159	3631	11.72	cps
Titanium	47-1	142	92	142	125	23.09	cps
Uranium	238-1	408	442	575	475	18.57	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Yttrium	89-1	8944555	9052023	8904944	8967174	0.85	cps
Yttrium	89-2	1305443	1320118	1296373	1307311	0.92	cps
Zinc	66-2	280	333	347	320	11.02	cps
Zirconium	90-1	1092	1267	1308	1222	9.41	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4085-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:54:35	DataFile Name :	023SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	317	183	244	27.56	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4124-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:58:03	DataFile Name :	024SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	133	133	117	24.74	cps
Antimony	121-1	2209	2634	2475	2439	8.81	cps
Arsenic	75-2	28	20	19	22	22.05	cps
Barium	135-1	50	42	75	56	31.23	cps
Barium	137-1	75	83	67	75	11.11	cps
Beryllium	9-1	239	344	289	291	18.16	cps
Bismuth	209-1	7188604	7192337	7303548	7228163	0.90	cps
Bismuth	209-2	4146023	4388554	4571122	4368566	4.88	cps
Boron	10-1	2375	2117	2075	2189	7.43	cps
Boron	11-1	9728	10079	10037	9948	1.92	cps
Cadmium	111-1	2305	2385	2091	2260	6.72	cps
Cadmium	106-1	3276	3384	2984	3214	6.44	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	592	625	633	617	3.58	cps
Calcium	44-1	12931	12472	12106	12503	3.31	cps
Chromium	52-2	683	573	543	600	12.29	cps
Cobalt	59-2	107	103	113	108	4.72	cps
Copper	63-2	790	727	647	721	9.96	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	97	110	90	99	10.30	cps
Holmium	165-1	10950526	10734858	11033067	10906150	1.41	cps
Holmium	165-2	5421793	5621382	5727427	5590201	2.78	cps
Indium	115-1	8740501	8613528	8811649	8721893	1.15	cps
Indium	115-2	1644386	1724972	1760100	1709820	3.47	cps
Iron	56-2	7324	6885	7309	7173	3.47	cps
Iron	57-2	289	328	289	302	7.44	cps
Lead	206-1	945	989	789	907	11.57	cps
Lead	207-1	806	867	906	859	5.87	cps
Lead	208-1	3839	3761	3739	3780	1.39	cps
Lithium	6-1	2027521	1998794	2029328	2018548	0.85	cps
Magnesium	24-2	2084	1834	1834	1917	7.53	cps
Manganese	55-2	417	370	453	413	10.11	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4124-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:58:03	DataFile Name :	024SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2717	2800	2484	2667	6.16	cps
Molybdenum	95-1	442	442	433	439	1.10	cps
Molybdenum	96-1	800	875	833	836	4.49	cps
Molybdenum	97-1	308	292	317	306	4.17	cps
Molybdenum	98-1	692	750	583	675	12.53	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	810	820	770	800	3.31	cps
Phosphorus	31-2	125	133	108	122	10.41	cps
Potassium	39-2	33422	32629	32119	32723	2.01	cps
Rhodium	103-1	7881931	7709095	7912422	7834483	1.40	cps
Rhodium	103-2	3473061	3598522	3664957	3578847	2.72	cps
Scandium	45-1	5435236	5323940	5452145	5403774	1.29	cps
Scandium	45-2	216764	226992	233797	225851	3.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	63	50	50	54	13.77	cps
Selenium	82-1	9	-129	-59	-60	-115.48	cps
Silicon	28-1	293116	288819	290134	290689	0.76	cps
Silver	109-1	158	175	158	164	5.87	cps
Silver	107-1	175	133	167	158	13.93	cps
Sodium	23-2	17244	17344	16860	17149	1.49	cps
Strontium	86-1	1634	1817	1617	1689	6.57	cps
Strontium	88-1	792	475	558	608	26.98	cps
Sulfur	34-1	311507	312454	312880	312280	0.23	cps
Terbium	159-1	11346454	11174196	11339669	11286773	0.86	cps
Terbium	159-2	5355025	5550753	5683792	5529856	2.99	cps
Thallium	203-1	233	492	275	333	41.61	cps
Thallium	205-1	775	708	617	700	11.36	cps
Tin	118-1	1342	1600	1533	1492	8.99	cps
Titanium	47-1	175	83	225	161	44.59	cps
Uranium	238-1	217	175	200	197	10.63	cps
Vanadium	51-2	27	3	13	14	81.07	cps
Yttrium	89-1	8887396	8870548	9009288	8922411	0.85	cps
Yttrium	89-2	1252581	1294769	1332347	1293232	3.09	cps
Zinc	66-2	227	190	200	206	9.22	cps
Zirconium	90-1	6835	6460	6693	6663	2.84	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4124-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 14:58:03	DataFile Name :	024SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1584	1450	1467	1500	4.84	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:01:31 DataFile Name : 025SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	142	142	142	0.00	cps
Antimony	121-1	32338	30326	29056	30573	5.41	cps
Arsenic	75-2	630	541	582	584	7.62	cps
Barium	135-1	138626	141488	141193	140436	1.12	cps
Barium	137-1	251119	247697	248064	248960	0.75	cps
Beryllium	9-1	344	300	261	302	13.81	cps
Bismuth	209-1	7274115	7186452	7153975	7204847	0.86	cps
Bismuth	209-2	4139359	4125057	4122071	4128829	0.22	cps
Boron	10-1	27058	27985	27075	27373	1.94	cps
Boron	11-1	137336	140581	141698	139872	1.62	cps
Cadmium	111-1	2567	2513	2598	2559	1.68	cps
Cadmium	106-1	2884	2759	2917	2853	2.93	cps
Cadmium	108-1	79	50	75	68	23.18	cps
Calcium	43-1	1962829	1959797	1934163	1952263	0.81	cps
Calcium	44-1	31200194	31474541	30926663	31200466	0.88	cps
Chromium	52-2	1703	1717	1753	1725	1.50	cps
Cobalt	59-2	363	327	267	319	15.30	cps
Copper	63-2	22401	23189	23900	23163	3.24	cps
Dysprosium	156-1	17	58	17	31	78.72	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	92	25	17	44	92.49	cps
Erbium	164-2	30	13	27	23	37.81	cps
Gadolinium	160-1	25	42	58	42	40.00	cps
Gadolinium	160-2	83	87	53	74	24.66	cps
Holmium	165-1	9780277	9987804	9889124	9885735	1.05	cps
Holmium	165-2	4986749	4999351	5012777	4999626	0.26	cps
Indium	115-1	8571775	8786512	8699506	8685931	1.24	cps
Indium	115-2	1653061	1649917	1645274	1649417	0.24	cps
Iron	56-2	18145	18262	19283	18563	3.37	cps
Iron	57-2	4517	4467	4417	4467	1.12	cps
Lead	206-1	4440	4345	4395	4393	1.08	cps
Lead	207-1	4101	4001	3867	3990	2.93	cps
Lead	208-1	18406	17599	17127	17711	3.65	cps
Lithium	6-1	2085797	2112743	2134965	2111168	1.17	cps
Magnesium	24-2	1661741	1652347	1631292	1648460	0.95	cps
Manganese	55-2	17791	17624	17901	17772	0.78	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:01:31	DataFile Name :	025SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5660	5485	4926	5357	7.15	cps
Molybdenum	95-1	4493	4809	4551	4618	3.65	cps
Molybdenum	96-1	5326	5068	5301	5232	2.72	cps
Molybdenum	97-1	2825	2750	2967	2848	3.87	cps
Molybdenum	98-1	7152	7094	7035	7094	0.82	cps
Neodymium	150-1	67	53	93	71	28.64	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	1967	1917	1947	1943	1.30	cps
Phosphorus	31-2	300	233	308	281	14.65	cps
Potassium	39-2	536509	535942	535914	536122	0.06	cps
Rhodium	103-1	6785417	6774368	6763134	6774306	0.16	cps
Rhodium	103-2	3078115	3075768	3073983	3075955	0.07	cps
Scandium	45-1	4658825	4653379	4607258	4639821	0.61	cps
Scandium	45-2	188445	188651	189224	188773	0.21	cps
Selenium	77-2	10	7	17	11	45.82	cps
Selenium	78-2	69	98	63	77	24.71	cps
Selenium	82-1	160	232	117	169	34.23	cps
Silicon	28-1	30900502	30586358	30384839	30623900	0.85	cps
Silver	109-1	8536	7852	6602	7664	12.80	cps
Silver	107-1	8786	8144	7394	8108	8.60	cps
Sodium	23-2	8481133	8370919	8296846	8382966	1.11	cps
Strontium	86-1	1594300	1583289	1577733	1585107	0.53	cps
Strontium	88-1	13724343	13776591	13746128	13749021	0.19	cps
Sulfur	34-1	774284	763072	762861	766739	0.85	cps
Terbium	159-1	10279333	10380789	10396913	10352345	0.62	cps
Terbium	159-2	4914875	4906608	4954322	4925268	0.52	cps
Thallium	203-1	1500	1192	1033	1242	19.11	cps
Thallium	205-1	3726	3292	2275	3098	24.03	cps
Tin	118-1	14274	12723	13065	13354	6.10	cps
Titanium	47-1	1025	892	1000	972	7.29	cps
Uranium	238-1	25960	25309	25952	25740	1.45	cps
Vanadium	51-2	4884	4928	5008	4940	1.27	cps
Yttrium	89-1	7952355	7918715	7954545	7941872	0.25	cps
Yttrium	89-2	1119327	1115491	1109245	1114688	0.46	cps
Zinc	66-2	12686	12442	11938	12355	3.08	cps
Zirconium	90-1	9253	7644	7386	8094	12.50	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:01:31	DataFile Name :	025SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1859	1825	1533	1739	10.28	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705I Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:04:58 DataFile Name : 026SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	150	125	128	16.41	cps
Antimony	121-1	20082	19614	18922	19539	2.99	cps
Arsenic	75-2	607	589	617	604	2.34	cps
Barium	135-1	146372	146783	145976	146377	0.28	cps
Barium	137-1	253643	259416	258185	257081	1.18	cps
Beryllium	9-1	167	156	217	180	18.12	cps
Bismuth	209-1	7100011	6986610	7012489	7033036	0.84	cps
Bismuth	209-2	4053708	4050328	4077492	4060509	0.36	cps
Boron	10-1	26708	27467	26374	26850	2.09	cps
Boron	11-1	135376	138361	138016	137251	1.19	cps
Cadmium	111-1	2237	2076	2211	2175	3.95	cps
Cadmium	106-1	2742	2509	2642	2631	4.45	cps
Cadmium	108-1	29	54	38	40	31.60	cps
Calcium	43-1	1933276	1914663	1909764	1919234	0.65	cps
Calcium	44-1	30840716	30693702	30456298	30663572	0.63	cps
Chromium	52-2	1607	1590	1630	1609	1.25	cps
Cobalt	59-2	440	373	363	392	10.63	cps
Copper	63-2	26033	25980	26307	26107	0.67	cps
Dysprosium	156-1	42	17	8	22	78.07	cps
Dysprosium	156-2	17	17	3	12	63.01	cps
Erbium	164-1	8	50	17	25	88.19	cps
Erbium	164-2	33	20	30	28	24.98	cps
Gadolinium	160-1	92	50	75	72	29.04	cps
Gadolinium	160-2	70	63	77	70	9.53	cps
Holmium	165-1	10101627	10078603	10103311	10094513	0.14	cps
Holmium	165-2	5033569	4978547	5072628	5028248	0.94	cps
Indium	115-1	8460449	8446802	8462807	8456686	0.10	cps
Indium	115-2	1576555	1568977	1567595	1571042	0.31	cps
Iron	56-2	17088	17255	17466	17270	1.10	cps
Iron	57-2	4379	4606	4479	4488	2.54	cps
Lead	206-1	3484	3334	3234	3351	3.76	cps
Lead	207-1	2789	2962	2711	2821	4.54	cps
Lead	208-1	13436	12775	13070	13094	2.53	cps
Lithium	6-1	2149946	2167937	2164391	2160758	0.44	cps
Magnesium	24-2	1595087	1605126	1595383	1598532	0.36	cps
Manganese	55-2	17704	18108	17824	17879	1.16	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705I	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:04:58	DataFile Name :	026SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3934	3934	4201	4023	3.83	cps
Molybdenum	95-1	4426	4401	4626	4484	2.75	cps
Molybdenum	96-1	5184	5126	4909	5073	2.86	cps
Molybdenum	97-1	2717	2909	2817	2814	3.41	cps
Molybdenum	98-1	7044	7302	6902	7083	2.86	cps
Neodymium	150-1	80	80	107	89	17.32	cps
Neodymium	150-2	17	20	7	14	48.02	cps
Nickel	60-2	1797	1777	1743	1772	1.52	cps
Phosphorus	31-2	267	217	200	228	15.23	cps
Potassium	39-2	516038	516233	515339	515870	0.09	cps
Rhodium	103-1	6768701	6829422	6792228	6796784	0.45	cps
Rhodium	103-2	3052260	3045667	3053034	3050320	0.13	cps
Scandium	45-1	4497621	4455117	4440076	4464271	0.67	cps
Scandium	45-2	181518	178745	177532	179265	1.14	cps
Selenium	77-2	17	17	13	16	12.40	cps
Selenium	78-2	63	46	87	65	31.30	cps
Selenium	82-1	155	85	119	120	29.32	cps
Silicon	28-1	29731285	29763634	29347118	29614012	0.78	cps
Silver	109-1	4092	4434	3942	4156	6.06	cps
Silver	107-1	4659	4192	4459	4437	5.28	cps
Sodium	23-2	8074224	8075858	8101320	8083801	0.19	cps
Strontium	86-1	1628865	1598754	1607041	1611553	0.97	cps
Strontium	88-1	13940759	13993573	13880669	13938333	0.41	cps
Sulfur	34-1	744654	738694	734789	739379	0.67	cps
Terbium	159-1	10464717	10556961	10457707	10493128	0.53	cps
Terbium	159-2	4995765	4957397	5012926	4988696	0.57	cps
Thallium	203-1	183	208	258	217	17.63	cps
Thallium	205-1	625	642	567	611	6.44	cps
Tin	118-1	10746	10146	11355	10749	5.62	cps
Titanium	47-1	917	917	1025	953	6.56	cps
Uranium	238-1	27430	28072	27530	27677	1.25	cps
Vanadium	51-2	5131	4921	4918	4990	2.45	cps
Yttrium	89-1	7933399	7905210	7848547	7895718	0.55	cps
Yttrium	89-2	1096620	1087832	1088269	1090907	0.45	cps
Zinc	66-2	9883	10054	9757	9898	1.51	cps
Zirconium	90-1	4326	4159	4201	4229	2.05	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705I	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:04:58	DataFile Name :	026SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	933	892	733	853	12.37	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705L Dilution Factor : 5
 Date & Time Acquired :: 2017-07-12 15:08:26 DataFile Name : 027SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	92	64	39.85	cps
Antimony	121-1	4993	4376	4409	4593	7.55	cps
Arsenic	75-2	126	124	152	134	11.59	cps
Barium	135-1	28555	28062	28822	28480	1.35	cps
Barium	137-1	48686	49138	49288	49038	0.64	cps
Beryllium	9-1	211	167	200	193	12.01	cps
Bismuth	209-1	6840663	6804519	6894271	6846484	0.66	cps
Bismuth	209-2	4046084	4032653	4106985	4061907	0.98	cps
Boron	10-1	6952	6944	5918	6605	9.00	cps
Boron	11-1	33613	34365	33513	33831	1.38	cps
Cadmium	111-1	2114	2055	2092	2087	1.44	cps
Cadmium	106-1	2892	2817	2800	2837	1.72	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	372301	370765	369650	370905	0.36	cps
Calcium	44-1	5979596	6011889	5961652	5984379	0.43	cps
Chromium	52-2	667	707	753	709	6.12	cps
Cobalt	59-2	103	107	123	111	9.64	cps
Copper	63-2	8326	8246	8032	8201	1.85	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	27	27	17	23	24.74	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	73	63	77	71	9.76	cps
Holmium	165-1	10346137	10348341	10621865	10438781	1.52	cps
Holmium	165-2	5227553	5227590	5292064	5249069	0.71	cps
Indium	115-1	8178419	8084776	8398771	8220655	1.96	cps
Indium	115-2	1577267	1578086	1596764	1584039	0.70	cps
Iron	56-2	7408	7547	7080	7345	3.26	cps
Iron	57-2	1056	1000	1022	1026	2.73	cps
Lead	206-1	1045	1006	1106	1052	4.79	cps
Lead	207-1	1045	867	978	963	9.33	cps
Lead	208-1	4589	4106	4484	4393	5.79	cps
Lithium	6-1	1879294	1869920	1898793	1882669	0.78	cps
Magnesium	24-2	325923	324797	323718	324813	0.34	cps
Manganese	55-2	3804	3801	4101	3902	4.42	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705L Dilution Factor : 5
 Date & Time Acquired :: 2017-07-12 15:08:26 DataFile Name : 027SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	925	825	792	847	8.19	cps
Molybdenum	95-1	892	842	950	895	6.06	cps
Molybdenum	96-1	1050	1133	1033	1072	5.00	cps
Molybdenum	97-1	725	608	592	642	11.32	cps
Molybdenum	98-1	1375	1383	1617	1458	9.41	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	967	910	1043	973	6.87	cps
Phosphorus	31-2	108	183	117	136	30.20	cps
Potassium	39-2	129124	128754	128907	128928	0.14	cps
Rhodium	103-1	7155923	7037045	7291653	7161540	1.78	cps
Rhodium	103-2	3212071	3236073	3248638	3232261	0.57	cps
Scandium	45-1	4626828	4598719	4715040	4646862	1.31	cps
Scandium	45-2	190612	190105	191986	190901	0.51	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	44	65	54	54	18.79	cps
Selenium	82-1	106	-80	-51	-8	-1240.21	cps
Silicon	28-1	6072730	6052072	6007703	6044168	0.55	cps
Silver	109-1	1800	1992	2042	1945	6.56	cps
Silver	107-1	2192	2092	2359	2214	6.08	cps
Sodium	23-2	1673466	1659722	1667095	1666761	0.41	cps
Strontium	86-1	310886	306935	311417	309746	0.79	cps
Strontium	88-1	2739640	2710071	2717063	2722258	0.57	cps
Sulfur	34-1	364770	360386	367110	364089	0.94	cps
Terbium	159-1	10674386	10597275	10931892	10734517	1.63	cps
Terbium	159-2	5124916	5161699	5231554	5172723	1.05	cps
Thallium	203-1	133	75	117	108	27.74	cps
Thallium	205-1	267	342	242	283	18.37	cps
Tin	118-1	2017	2525	2217	2253	11.37	cps
Titanium	47-1	233	308	242	261	15.74	cps
Uranium	238-1	5318	5210	5418	5315	1.96	cps
Vanadium	51-2	1003	1110	947	1020	8.13	cps
Yttrium	89-1	8147566	8019050	8234837	8133818	1.33	cps
Yttrium	89-2	1153836	1155948	1158351	1156045	0.20	cps
Zinc	66-2	2104	1903	1950	1986	5.27	cps
Zirconium	90-1	842	950	1058	950	11.40	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-12 15:08:26	DataFile Name :	027SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	175	183	200	18.16	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-11 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:11:53 DataFile Name : 028SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	596168	595221	589856	593748	0.57	cps
Antimony	121-1	4523621	4548179	4570394	4547398	0.51	cps
Arsenic	75-2	129588	130764	130234	130195	0.45	cps
Barium	135-1	5723147	5716608	5709636	5716463	0.12	cps
Barium	137-1	9745725	9865362	9726715	9779267	0.77	cps
Beryllium	9-1	636806	630572	624362	630580	0.99	cps
Bismuth	209-1	6614403	6689544	6666414	6656787	0.58	cps
Bismuth	209-2	3811620	3805700	3770457	3795926	0.59	cps
Boron	10-1	90730	92768	93883	92460	1.73	cps
Boron	11-1	453370	465404	466079	461618	1.55	cps
Cadmium	111-1	1015230	1021702	1018053	1018328	0.32	cps
Cadmium	106-1	113394	113989	113446	113610	0.29	cps
Cadmium	108-1	73201	73464	74432	73699	0.88	cps
Calcium	43-1	3006607	2994113	2995088	2998603	0.23	cps
Calcium	44-1	47989980	47506968	47814094	47770347	0.51	cps
Chromium	52-2	1082723	1080500	1080650	1081291	0.11	cps
Cobalt	59-2	1758145	1749064	1753723	1753644	0.26	cps
Copper	63-2	2461584	2462393	2446758	2456912	0.36	cps
Dysprosium	156-1	183	183	150	172	11.17	cps
Dysprosium	156-2	73	63	57	64	13.01	cps
Erbium	164-1	4668	4609	5285	4854	7.71	cps
Erbium	164-2	2354	2314	2290	2319	1.38	cps
Gadolinium	160-1	492	542	658	564	15.17	cps
Gadolinium	160-2	307	253	280	280	9.52	cps
Holmium	165-1	9729408	9863393	10148845	9913882	2.16	cps
Holmium	165-2	4947742	4940026	4926381	4938050	0.22	cps
Indium	115-1	7683168	7760266	7834439	7759291	0.97	cps
Indium	115-2	1459759	1448243	1454652	1454218	0.40	cps
Iron	56-2	42953126	43001298	42723502	42892642	0.35	cps
Iron	57-2	1065743	1071166	1071300	1069403	0.30	cps
Lead	206-1	3616383	3626130	3645173	3629229	0.40	cps
Lead	207-1	3254789	3282310	3288174	3275091	0.54	cps
Lead	208-1	14656894	14834226	14734338	14741819	0.60	cps
Lithium	6-1	1996013	2016686	2031680	2014793	0.89	cps
Magnesium	24-2	8802518	8857468	8824972	8828320	0.31	cps
Manganese	55-2	1219823	1210709	1212303	1214278	0.40	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-11	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:11:53	DataFile Name :	028SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3962040	3962969	3961415	3962141	0.02	cps
Molybdenum	95-1	2047526	2051511	2069185	2056074	0.56	cps
Molybdenum	96-1	2657549	2661475	2650174	2656399	0.22	cps
Molybdenum	97-1	1275369	1283885	1279977	1279744	0.33	cps
Molybdenum	98-1	3313947	3311398	3337065	3320803	0.43	cps
Neodymium	150-1	507	493	527	509	3.30	cps
Neodymium	150-2	57	60	37	51	24.69	cps
Nickel	60-2	459197	455495	459151	457947	0.46	cps
Phosphorus	31-2	267	200	208	225	16.14	cps
Potassium	39-2	4180987	4166931	4156648	4168189	0.29	cps
Rhodium	103-1	6404100	6392431	6451581	6416037	0.49	cps
Rhodium	103-2	2891720	2868860	2869833	2876804	0.45	cps
Scandium	45-1	4225921	4239171	4219056	4228049	0.24	cps
Scandium	45-2	173070	167647	167633	169450	1.85	cps
Selenium	77-2	2624	2490	2537	2550	2.65	cps
Selenium	78-2	9016	8916	9138	9023	1.23	cps
Selenium	82-1	62892	62707	62875	62825	0.16	cps
Silicon	28-1	29123928	29149611	28899763	29057767	0.47	cps
Silver	109-1	4651278	4660341	4656479	4656033	0.10	cps
Silver	107-1	4828259	4871400	4883975	4861211	0.60	cps
Sodium	23-2	21191454	21045634	20980057	21072382	0.51	cps
Strontium	86-1	1542525	1538833	1530867	1537409	0.39	cps
Strontium	88-1	13271654	13397707	13451624	13373662	0.69	cps
Sulfur	34-1	688154	681507	674070	681243	1.03	cps
Terbium	159-1	10264511	10302949	10350573	10306011	0.42	cps
Terbium	159-2	4882445	4854462	4846818	4861242	0.39	cps
Thallium	203-1	4531681	4555492	4631514	4572896	1.14	cps
Thallium	205-1	10704693	10637009	10854135	10731946	1.04	cps
Tin	118-1	3419988	3436173	3451352	3435838	0.46	cps
Titanium	47-1	529065	526759	522005	525943	0.68	cps
Uranium	238-1	15458284	15684235	15744550	15629023	0.97	cps
Vanadium	51-2	884723	885194	885490	885136	0.04	cps
Yttrium	89-1	7628547	7648716	7647754	7641672	0.15	cps
Yttrium	89-2	1042546	1045656	1040941	1043048	0.23	cps
Zinc	66-2	329680	328545	330623	329616	0.32	cps
Zirconium	90-1	7582695	7600368	7514026	7565697	0.60	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-11	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:11:53	DataFile Name :	028SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1679636	1674939	1682805	1679126	0.24	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:15:17	DataFile Name :	029CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3447869	3431418	3481760	3453683	0.74	cps
Antimony	121-1	4361222	4414762	4399823	4391936	0.63	cps
Arsenic	75-2	129135	129998	130081	129738	0.40	cps
Barium	135-1	5565672	5534504	5548121	5549433	0.28	cps
Barium	137-1	9461288	9504765	9466741	9477598	0.25	cps
Beryllium	9-1	650601	658067	658151	655606	0.66	cps
Bismuth	209-1	5976297	5989750	5936326	5967458	0.47	cps
Bismuth	209-2	3611835	3658225	3698459	3656173	1.19	cps
Boron	10-1	76301	77532	77574	77136	0.94	cps
Boron	11-1	370494	378475	381432	376800	1.50	cps
Cadmium	111-1	1041682	1040151	1040931	1040922	0.07	cps
Cadmium	106-1	115954	114898	114467	115106	0.66	cps
Cadmium	108-1	75445	76354	75403	75734	0.71	cps
Calcium	43-1	5904860	5898717	5937163	5913580	0.35	cps
Calcium	44-1	94298860	95458938	95290127	95015975	0.66	cps
Chromium	52-2	1126201	1128800	1134301	1129767	0.37	cps
Cobalt	59-2	1761888	1773080	1770504	1768491	0.33	cps
Copper	63-2	2317938	2335435	2332431	2328602	0.40	cps
Dysprosium	156-1	208	133	133	158	27.35	cps
Dysprosium	156-2	83	100	110	98	13.78	cps
Erbium	164-1	58	50	117	75	48.43	cps
Erbium	164-2	27	17	37	27	37.50	cps
Gadolinium	160-1	67	175	125	122	44.36	cps
Gadolinium	160-2	100	100	123	108	12.50	cps
Holmium	165-1	9772945	9823068	9676895	9757636	0.76	cps
Holmium	165-2	5053960	5090803	5154261	5099675	0.99	cps
Indium	115-1	7285936	7276875	7218861	7260558	0.50	cps
Indium	115-2	1440161	1452953	1476410	1456508	1.26	cps
Iron	56-2	228868655	231473422	229663211	230001763	0.58	cps
Iron	57-2	5722033	5749399	5735978	5735803	0.24	cps
Lead	206-1	3364799	3387128	3373118	3375015	0.33	cps
Lead	207-1	3068236	3082481	3056905	3069207	0.42	cps
Lead	208-1	13771641	13794160	13709740	13758514	0.32	cps
Lithium	6-1	1660911	1675135	1662888	1666312	0.46	cps
Magnesium	24-2	38273908	38559401	38712004	38515104	0.58	cps
Manganese	55-2	1295457	1306126	1302547	1301377	0.42	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:15:17	DataFile Name :	029CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3811949	3829267	3848955	3830057	0.48	cps
Molybdenum	95-1	2043290	2042518	2039580	2041796	0.10	cps
Molybdenum	96-1	2621344	2636616	2625046	2627669	0.30	cps
Molybdenum	97-1	1269749	1272290	1276827	1272955	0.28	cps
Molybdenum	98-1	3304978	3320741	3321138	3315619	0.28	cps
Neodymium	150-1	487	593	453	511	14.31	cps
Neodymium	150-2	63	53	87	68	25.24	cps
Nickel	60-2	454257	459528	457155	456980	0.58	cps
Phosphorus	31-2	35861	35794	35911	35855	0.16	cps
Potassium	39-2	20566538	20506520	20843155	20638738	0.87	cps
Rhodium	103-1	6282488	6216191	6234069	6244249	0.55	cps
Rhodium	103-2	2869070	2891221	2945234	2901842	1.35	cps
Scandium	45-1	4417227	4443989	4400828	4420681	0.49	cps
Scandium	45-2	188766	188515	194991	190757	1.92	cps
Selenium	77-2	2704	2534	2780	2673	4.72	cps
Selenium	78-2	9157	9116	9007	9093	0.85	cps
Selenium	82-1	58807	58385	58822	58671	0.42	cps
Silicon	28-1	3758506	3863175	3920879	3847520	2.14	cps
Silver	109-1	5020639	5003795	5015809	5013414	0.17	cps
Silver	107-1	5262115	5253471	5223905	5246497	0.38	cps
Sodium	23-2	74199947	73432489	74174820	73935752	0.59	cps
Strontium	86-1	1400996	1385371	1388088	1391485	0.60	cps
Strontium	88-1	12119628	12094821	12177829	12130759	0.35	cps
Sulfur	34-1	606064	609883	609613	608520	0.35	cps
Terbium	159-1	10106237	10057185	10091840	10085087	0.25	cps
Terbium	159-2	4961885	5023510	5057341	5014245	0.97	cps
Thallium	203-1	4208359	4234208	4206684	4216417	0.37	cps
Thallium	205-1	9996967	10081744	9964364	10014358	0.61	cps
Tin	118-1	3458557	3473528	3457800	3463295	0.26	cps
Titanium	47-1	546254	554246	549003	549834	0.74	cps
Uranium	238-1	14807689	14975134	14716476	14833100	0.88	cps
Vanadium	51-2	934058	936689	941992	937580	0.43	cps
Yttrium	89-1	7622906	7677858	7583444	7628069	0.62	cps
Yttrium	89-2	1103493	1120132	1138088	1120571	1.54	cps
Zinc	66-2	321752	323640	324923	323438	0.49	cps
Zirconium	90-1	7200466	7191888	7257936	7216763	0.50	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:15:17	DataFile Name :	029CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1595730	1604992	1589202	1596641	0.50	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:18:43	DataFile Name :	030CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	33	44	28.65	cps
Antimony	121-1	8144	7828	7828	7933	2.31	cps
Arsenic	75-2	44	57	56	52	13.36	cps
Barium	135-1	50	75	58	61	20.83	cps
Barium	137-1	75	92	117	94	22.21	cps
Beryllium	9-1	906	611	761	759	19.39	cps
Bismuth	209-1	6465431	6673809	6492619	6543953	1.73	cps
Bismuth	209-2	3963332	4002294	3985019	3983548	0.49	cps
Boron	10-1	4984	4984	4242	4737	9.04	cps
Boron	11-1	25047	23778	21783	23536	6.99	cps
Cadmium	111-1	2080	1720	2053	1951	10.27	cps
Cadmium	106-1	2875	2375	2834	2695	10.30	cps
Cadmium	108-1	17	25	8	17	50.01	cps
Calcium	43-1	192	83	150	142	38.57	cps
Calcium	44-1	6143	6110	5927	6060	1.93	cps
Chromium	52-2	453	430	430	438	3.08	cps
Cobalt	59-2	127	83	127	112	22.30	cps
Copper	63-2	2947	3004	2900	2950	1.75	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	33	42	42	19.99	cps
Erbium	164-2	23	3	17	14	70.51	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	57	63	83	68	20.48	cps
Holmium	165-1	9810263	10087329	9982960	9960184	1.40	cps
Holmium	165-2	5138606	5135975	5118299	5130960	0.22	cps
Indium	115-1	7787589	7886929	7850613	7841710	0.64	cps
Indium	115-2	1544738	1541920	1540250	1542303	0.15	cps
Iron	56-2	11794	11805	11922	11840	0.60	cps
Iron	57-2	433	461	389	428	8.52	cps
Lead	206-1	1200	1050	950	1067	11.80	cps
Lead	207-1	961	911	1078	983	8.70	cps
Lead	208-1	4378	4061	4278	4239	3.82	cps
Lithium	6-1	1743598	1774007	1755271	1757625	0.87	cps
Magnesium	24-2	1225	1350	1342	1306	5.35	cps
Manganese	55-2	323	227	253	268	18.64	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:18:43	DataFile Name :	030CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1734	1667	1425	1609	10.09	cps
Molybdenum	95-1	1117	1225	1150	1164	4.77	cps
Molybdenum	96-1	1450	1433	1475	1453	1.44	cps
Molybdenum	97-1	775	883	758	806	8.43	cps
Molybdenum	98-1	2050	1825	1984	1953	5.92	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	643	603	697	648	7.23	cps
Phosphorus	31-2	142	83	100	108	27.73	cps
Potassium	39-2	28319	29121	29288	28910	1.79	cps
Rhodium	103-1	6912836	7016982	6895326	6941715	0.95	cps
Rhodium	103-2	3184692	3190010	3169702	3181468	0.33	cps
Scandium	45-1	4496989	4648658	4579818	4575155	1.66	cps
Scandium	45-2	188641	189424	188512	188859	0.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	48	59	62	25.61	cps
Selenium	82-1	20	114	-31	35	211.94	cps
Silicon	28-1	283629	277285	274776	278564	1.64	cps
Silver	109-1	1150	1025	1025	1067	6.77	cps
Silver	107-1	1450	1150	1325	1308	11.52	cps
Sodium	23-2	28611	28327	28503	28481	0.50	cps
Strontium	86-1	1267	1659	1442	1456	13.48	cps
Strontium	88-1	325	217	275	272	19.92	cps
Sulfur	34-1	265832	266655	264932	265806	0.32	cps
Terbium	159-1	10248149	10514985	10243049	10335394	1.51	cps
Terbium	159-2	5068929	5089139	5072364	5076811	0.21	cps
Thallium	203-1	600	558	492	550	9.94	cps
Thallium	205-1	1525	1433	1425	1461	3.80	cps
Tin	118-1	4468	4059	4159	4229	5.03	cps
Titanium	47-1	117	125	158	133	16.54	cps
Uranium	238-1	492	425	508	475	9.28	cps
Vanadium	51-2	20	20	37	26	37.66	cps
Yttrium	89-1	7751042	8059706	7911276	7907341	1.95	cps
Yttrium	89-2	1138489	1140538	1138625	1139217	0.10	cps
Zinc	66-2	673	713	663	683	3.87	cps
Zirconium	90-1	3301	2659	2559	2839	14.18	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:18:43	DataFile Name :	030CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	608	592	583	5.15	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-12 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:22:11 DataFile Name : 031SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	571784	570559	566806	569716	0.46	cps
Antimony	121-1	4331534	4352362	4343457	4342451	0.24	cps
Arsenic	75-2	125833	125222	125440	125499	0.25	cps
Barium	135-1	5424236	5455812	5495609	5458552	0.66	cps
Barium	137-1	9370332	9402974	9557919	9443742	1.06	cps
Beryllium	9-1	601940	597579	599039	599519	0.37	cps
Bismuth	209-1	6475986	6417894	6436159	6443346	0.46	cps
Bismuth	209-2	3759155	3765434	3734487	3753026	0.44	cps
Boron	10-1	88475	88726	89891	89030	0.85	cps
Boron	11-1	433996	439363	445566	439642	1.32	cps
Cadmium	111-1	963081	975208	972795	970361	0.66	cps
Cadmium	106-1	106548	109336	107549	107811	1.31	cps
Cadmium	108-1	70055	71223	71018	70766	0.88	cps
Calcium	43-1	2858787	2853423	2831782	2847997	0.50	cps
Calcium	44-1	45809684	45475355	45507900	45597647	0.40	cps
Chromium	52-2	1040058	1038526	1038565	1039049	0.08	cps
Cobalt	59-2	1690305	1690974	1685700	1688993	0.17	cps
Copper	63-2	2373970	2379265	2367884	2373706	0.24	cps
Dysprosium	156-1	175	200	150	175	14.28	cps
Dysprosium	156-2	87	47	77	70	29.74	cps
Erbium	164-1	4601	4684	4418	4568	2.99	cps
Erbium	164-2	2260	2324	2347	2310	1.94	cps
Gadolinium	160-1	442	408	383	411	7.12	cps
Gadolinium	160-2	277	270	307	284	6.87	cps
Holmium	165-1	9745355	9764307	9772153	9760605	0.14	cps
Holmium	165-2	4889099	4936033	4890334	4905155	0.55	cps
Indium	115-1	7561921	7599387	7615903	7592404	0.36	cps
Indium	115-2	1433595	1429819	1432406	1431940	0.13	cps
Iron	56-2	41483534	41312430	41501361	41432442	0.25	cps
Iron	57-2	1037063	1033787	1029799	1033550	0.35	cps
Lead	206-1	3422518	3416592	3463320	3434144	0.74	cps
Lead	207-1	3103397	3083826	3123532	3103585	0.64	cps
Lead	208-1	14060437	14014927	14069625	14048329	0.21	cps
Lithium	6-1	1901626	1920933	1939714	1920758	0.99	cps
Magnesium	24-2	8423142	8435476	8367430	8408683	0.43	cps
Manganese	55-2	1169953	1168726	1172760	1170480	0.18	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-12 Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:22:11 DataFile Name : 031SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3742901	3776906	3783420	3767743	0.58	cps
Molybdenum	95-1	1958984	1970255	1964346	1964528	0.29	cps
Molybdenum	96-1	2530040	2531821	2552677	2538179	0.50	cps
Molybdenum	97-1	1222247	1217369	1226145	1221921	0.36	cps
Molybdenum	98-1	3173631	3198660	3202011	3191434	0.49	cps
Neodymium	150-1	580	440	480	500	14.42	cps
Neodymium	150-2	23	23	53	33	51.97	cps
Nickel	60-2	441018	442149	440053	441074	0.24	cps
Phosphorus	31-2	200	267	233	233	14.29	cps
Potassium	39-2	4018802	3990378	4001394	4003525	0.36	cps
Rhodium	103-1	6348390	6310478	6384982	6347950	0.59	cps
Rhodium	103-2	2840893	2856977	2858624	2852165	0.34	cps
Scandium	45-1	4137850	4139846	4141239	4139645	0.04	cps
Scandium	45-2	166911	167981	165823	166905	0.65	cps
Selenium	77-2	2564	2664	2547	2591	2.44	cps
Selenium	78-2	8514	8701	8519	8578	1.24	cps
Selenium	82-1	59776	60272	60421	60156	0.56	cps
Silicon	28-1	27733524	27602472	27371561	27569186	0.66	cps
Silver	109-1	4393557	4433563	4479501	4435540	0.97	cps
Silver	107-1	4579511	4630108	4660094	4623238	0.88	cps
Sodium	23-2	20317086	20282952	20192591	20264209	0.32	cps
Strontium	86-1	1462744	1461002	1467732	1463826	0.24	cps
Strontium	88-1	12655335	12712621	12767592	12711849	0.44	cps
Sulfur	34-1	645828	639754	642867	642816	0.47	cps
Terbium	159-1	9984583	9998802	10102755	10028713	0.64	cps
Terbium	159-2	4817734	4813938	4795119	4808930	0.25	cps
Thallium	203-1	4291162	4314608	4328401	4311390	0.44	cps
Thallium	205-1	10069632	10308041	10232932	10203535	1.19	cps
Tin	118-1	3279291	3301465	3300424	3293727	0.38	cps
Titanium	47-1	503905	499935	505371	503070	0.56	cps
Uranium	238-1	14702439	14685728	14808984	14732384	0.45	cps
Vanadium	51-2	850797	851120	848139	850019	0.19	cps
Yttrium	89-1	7486180	7554957	7518851	7519996	0.46	cps
Yttrium	89-2	1038164	1038832	1040126	1039041	0.10	cps
Zinc	66-2	319693	319556	321273	320174	0.30	cps
Zirconium	90-1	7213893	7242486	7199825	7218735	0.30	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-12	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:22:11	DataFile Name :	031SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1582499	1593150	1596120	1590590	0.45	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10A Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705/ Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:25:36 DataFile Name : 032SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	562566	564902	562274	563247	0.26	cps
Antimony	121-1	4354286	4353806	4410671	4372921	0.75	cps
Arsenic	75-2	125747	124987	125874	125536	0.38	cps
Barium	135-1	5502968	5542046	5599982	5548332	0.88	cps
Barium	137-1	9462249	9474428	9552137	9496271	0.51	cps
Beryllium	9-1	585513	580669	581510	582564	0.44	cps
Bismuth	209-1	6266683	6308119	6368439	6314414	0.81	cps
Bismuth	209-2	3668012	3693850	3704582	3688815	0.51	cps
Boron	10-1	88375	89163	90041	89193	0.93	cps
Boron	11-1	435195	441337	449891	442141	1.67	cps
Cadmium	111-1	978421	984704	994363	985829	0.81	cps
Cadmium	106-1	107020	106876	109883	107926	1.57	cps
Cadmium	108-1	69700	70638	71546	70628	1.31	cps
Calcium	43-1	2822326	2825572	2816634	2821511	0.16	cps
Calcium	44-1	45076807	45178105	45199162	45151358	0.14	cps
Chromium	52-2	1035017	1036280	1030810	1034036	0.28	cps
Cobalt	59-2	1681759	1692135	1684737	1686210	0.32	cps
Copper	63-2	2371744	2385897	2373096	2376912	0.33	cps
Dysprosium	156-1	217	183	133	178	23.59	cps
Dysprosium	156-2	67	90	100	86	19.99	cps
Erbium	164-1	5126	5068	4759	4984	3.95	cps
Erbium	164-2	2264	2224	2474	2320	5.79	cps
Gadolinium	160-1	425	483	483	464	7.26	cps
Gadolinium	160-2	260	270	330	287	13.21	cps
Holmium	165-1	9574863	9642662	9715711	9644412	0.73	cps
Holmium	165-2	4817083	4819229	4888907	4841740	0.84	cps
Indium	115-1	7320279	7352158	7482181	7384873	1.16	cps
Indium	115-2	1380764	1393953	1386521	1387079	0.48	cps
Iron	56-2	41306670	41649234	41489612	41481839	0.41	cps
Iron	57-2	1025408	1033304	1032472	1030394	0.42	cps
Lead	206-1	3470304	3529077	3537264	3512215	1.04	cps
Lead	207-1	3140683	3187146	3201652	3176494	1.00	cps
Lead	208-1	14150299	14390922	14429773	14323665	1.06	cps
Lithium	6-1	1865559	1884171	1888857	1879529	0.66	cps
Magnesium	24-2	8319490	8341921	8326345	8329252	0.14	cps
Manganese	55-2	1158782	1166987	1161359	1162376	0.36	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-10A Instrumnet Name : P7
 Client Sample ID : KY030LC068-W-170705/ Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:25:36 DataFile Name : 032SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3786944	3812743	3829028	3809572	0.56	cps
Molybdenum	95-1	1963840	1985670	1985775	1978428	0.64	cps
Molybdenum	96-1	2550854	2561953	2564946	2559251	0.29	cps
Molybdenum	97-1	1230435	1231934	1233637	1232002	0.13	cps
Molybdenum	98-1	3196869	3202451	3240781	3213367	0.74	cps
Neodymium	150-1	527	360	540	476	21.09	cps
Neodymium	150-2	23	40	33	32	26.04	cps
Nickel	60-2	442061	442976	439306	441447	0.43	cps
Phosphorus	31-2	183	250	192	208	17.43	cps
Potassium	39-2	3949366	3974927	3950700	3958331	0.36	cps
Rhodium	103-1	6166416	6168798	6222448	6185888	0.51	cps
Rhodium	103-2	2785726	2806081	2816991	2802933	0.57	cps
Scandium	45-1	3955571	3967585	3985939	3969698	0.39	cps
Scandium	45-2	160414	161725	162550	161563	0.67	cps
Selenium	77-2	2697	2617	2424	2579	5.45	cps
Selenium	78-2	8593	8844	8877	8771	1.77	cps
Selenium	82-1	60023	59937	60961	60307	0.94	cps
Silicon	28-1	27008814	26892996	27065677	26989162	0.33	cps
Silver	109-1	4455719	4502150	4521173	4493014	0.75	cps
Silver	107-1	4656701	4669249	4709520	4678490	0.59	cps
Sodium	23-2	19943610	19978955	19813413	19911993	0.44	cps
Strontium	86-1	1474928	1482038	1488267	1481744	0.45	cps
Strontium	88-1	12979257	12823339	12992227	12931608	0.73	cps
Sulfur	34-1	624092	618008	623459	621853	0.54	cps
Terbium	159-1	9988748	10098625	10056705	10048026	0.55	cps
Terbium	159-2	4723536	4776197	4794426	4764720	0.77	cps
Thallium	203-1	4337464	4423218	4443264	4401315	1.28	cps
Thallium	205-1	10343068	10508717	10509315	10453700	0.92	cps
Tin	118-1	3327206	3321093	3372552	3340284	0.84	cps
Titanium	47-1	496717	491591	502117	496808	1.06	cps
Uranium	238-1	15018378	15217187	15469497	15235021	1.48	cps
Vanadium	51-2	847857	854084	847455	849799	0.44	cps
Yttrium	89-1	7348822	7313418	7467654	7376631	1.10	cps
Yttrium	89-2	1008941	1022058	1013202	1014733	0.66	cps
Zinc	66-2	315883	320577	317509	317990	0.75	cps
Zirconium	90-1	7268368	7270166	7293350	7277295	0.19	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-10A	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-W-170705/	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:25:36	DataFile Name :	032SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1593966	1603274	1619280	1605506	0.80	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-13 Instrumnet Name : P7
 Client Sample ID : KY030LC051-W-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:29:01 DataFile Name : 033SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	192	150	183	16.39	cps
Antimony	121-1	11347	12106	11914	11789	3.35	cps
Arsenic	75-2	459	463	431	451	3.81	cps
Barium	135-1	136515	136362	137812	136896	0.58	cps
Barium	137-1	239337	238201	241804	239781	0.77	cps
Beryllium	9-1	845	744	583	724	18.20	cps
Bismuth	209-1	6463243	6460657	6429718	6451206	0.29	cps
Bismuth	209-2	3795049	3783853	3784679	3787861	0.16	cps
Boron	10-1	25314	25706	25013	25344	1.37	cps
Boron	11-1	128484	127425	126265	127392	0.87	cps
Cadmium	111-1	1873	1853	1742	1822	3.87	cps
Cadmium	106-1	2459	2392	2300	2384	3.34	cps
Cadmium	108-1	33	25	50	36	35.25	cps
Calcium	43-1	1701176	1696042	1697006	1698075	0.16	cps
Calcium	44-1	27432806	27303280	27208262	27314783	0.41	cps
Chromium	52-2	1443	1567	1337	1449	7.94	cps
Cobalt	59-2	547	480	503	510	6.63	cps
Copper	63-2	21172	21042	21022	21079	0.39	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	83	33	58	58	42.86	cps
Erbium	164-2	33	10	20	21	55.45	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	97	90	73	87	13.86	cps
Holmium	165-1	9640071	9798260	9706935	9715089	0.82	cps
Holmium	165-2	4773586	4781915	4831538	4795680	0.65	cps
Indium	115-1	7476490	7437662	7542065	7485406	0.70	cps
Indium	115-2	1393895	1406137	1411923	1403985	0.66	cps
Iron	56-2	20787	21021	20615	20808	0.98	cps
Iron	57-2	3912	3967	3895	3925	0.96	cps
Lead	206-1	2239	2222	2095	2185	3.62	cps
Lead	207-1	1900	1856	2078	1945	6.05	cps
Lead	208-1	8701	8668	8840	8737	1.05	cps
Lithium	6-1	1812211	1828953	1819170	1820111	0.46	cps
Magnesium	24-2	1119423	1123621	1123860	1122301	0.22	cps
Manganese	55-2	31661	31821	31681	31721	0.28	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-13	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:29:01	DataFile Name :	033SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4851	4067	4084	4334	10.33	cps
Molybdenum	95-1	3801	4134	3992	3976	4.21	cps
Molybdenum	96-1	4709	4109	4893	4570	8.97	cps
Molybdenum	97-1	2542	2609	2109	2420	11.22	cps
Molybdenum	98-1	6335	6327	6610	6424	2.51	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	1490	1460	1487	1479	1.11	cps
Phosphorus	31-2	250	117	142	169	41.83	cps
Potassium	39-2	398597	398463	395722	397594	0.41	cps
Rhodium	103-1	6325822	6305911	6299469	6310400	0.22	cps
Rhodium	103-2	2811796	2812877	2818753	2814475	0.13	cps
Scandium	45-1	3867419	3849271	3834542	3850411	0.43	cps
Scandium	45-2	154933	154388	154590	154637	0.18	cps
Selenium	77-2	13	20	10	14	35.26	cps
Selenium	78-2	67	94	54	72	29.07	cps
Selenium	82-1	126	236	170	177	31.04	cps
Silicon	28-1	25233107	24855234	24993830	25027390	0.76	cps
Silver	109-1	3351	3184	3484	3339	4.50	cps
Silver	107-1	3501	3817	3284	3534	7.59	cps
Sodium	23-2	6607960	6598128	6538933	6581674	0.57	cps
Strontium	86-1	1136864	1141572	1145417	1141284	0.38	cps
Strontium	88-1	10011785	9983370	10108320	10034492	0.65	cps
Sulfur	34-1	526572	516799	521270	521547	0.94	cps
Terbium	159-1	9933097	9984950	10039852	9985966	0.53	cps
Terbium	159-2	4708688	4704713	4751290	4721564	0.55	cps
Thallium	203-1	1333	1333	1275	1314	2.56	cps
Thallium	205-1	3451	3201	3000	3217	7.01	cps
Tin	118-1	24038	24981	23220	24080	3.66	cps
Titanium	47-1	867	792	933	864	8.20	cps
Uranium	238-1	24633	24082	23522	24079	2.31	cps
Vanadium	51-2	3387	3440	3214	3347	3.54	cps
Yttrium	89-1	7268365	7283192	7303097	7284885	0.24	cps
Yttrium	89-2	996451	991948	996626	995008	0.27	cps
Zinc	66-2	6835	6692	6625	6717	1.60	cps
Zirconium	90-1	6710	5551	4701	5654	17.84	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-13	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:29:01	DataFile Name :	033SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1583	1467	1067	1372	19.75	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-14 Instrumnet Name : P7
 Client Sample ID : KY030LC001-W-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:32:28 DataFile Name : 034SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	175	250	217	17.63	cps
Antimony	121-1	10971	11080	11088	11046	0.59	cps
Arsenic	75-2	450	461	502	471	5.80	cps
Barium	135-1	132340	133435	132121	132632	0.53	cps
Barium	137-1	230502	233565	230430	231499	0.77	cps
Beryllium	9-1	483	506	511	500	2.94	cps
Bismuth	209-1	6395323	6427098	6328028	6383483	0.79	cps
Bismuth	209-2	3677237	3574389	3654339	3635322	1.49	cps
Boron	10-1	23678	23452	24788	23973	2.98	cps
Boron	11-1	118537	121074	119906	119839	1.06	cps
Cadmium	111-1	1833	1771	1721	1775	3.16	cps
Cadmium	106-1	2450	2367	2309	2375	3.00	cps
Cadmium	108-1	17	21	29	22	28.64	cps
Calcium	43-1	1539010	1533469	1514847	1529109	0.83	cps
Calcium	44-1	24722875	24778754	24526092	24675907	0.54	cps
Chromium	52-2	1763	1547	1657	1656	6.54	cps
Cobalt	59-2	303	430	373	369	17.20	cps
Copper	63-2	18542	19600	18712	18951	3.00	cps
Dysprosium	156-1	33	33	58	42	34.65	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	33	13	27	24	41.66	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	47	50	80	59	31.17	cps
Holmium	165-1	9563970	9711726	9518004	9597900	1.05	cps
Holmium	165-2	4687949	4521446	4649345	4619580	1.89	cps
Indium	115-1	7269663	7415472	7313097	7332744	1.02	cps
Indium	115-2	1358853	1310184	1350315	1339784	1.94	cps
Iron	56-2	24844	25116	24666	24875	0.91	cps
Iron	57-2	3534	3584	3673	3597	1.96	cps
Lead	206-1	1967	2150	1978	2032	5.06	cps
Lead	207-1	1711	1822	1806	1780	3.37	cps
Lead	208-1	8173	8713	8207	8364	3.61	cps
Lithium	6-1	1756193	1763372	1747565	1755710	0.45	cps
Magnesium	24-2	924490	933946	926698	928378	0.53	cps
Manganese	55-2	22911	22811	22367	22697	1.28	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-14	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:32:28	DataFile Name :	034SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3259	3000	3109	3123	4.16	cps
Molybdenum	95-1	3651	3592	3676	3640	1.18	cps
Molybdenum	96-1	4226	4151	4051	4142	2.12	cps
Molybdenum	97-1	2550	2500	2384	2478	3.45	cps
Molybdenum	98-1	5910	5718	5851	5826	1.69	cps
Neodymium	150-1	67	40	80	62	32.73	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	1510	1333	1467	1437	6.41	cps
Phosphorus	31-2	208	133	250	197	29.98	cps
Potassium	39-2	375385	377165	373549	375366	0.48	cps
Rhodium	103-1	6257200	6289358	6196274	6247611	0.76	cps
Rhodium	103-2	2753397	2636061	2725100	2704853	2.26	cps
Scandium	45-1	3808281	3807153	3755141	3790192	0.80	cps
Scandium	45-2	153037	142644	147637	147772	3.52	cps
Selenium	77-2	13	13	20	16	24.76	cps
Selenium	78-2	67	48	70	62	19.29	cps
Selenium	82-1	114	237	73	141	60.36	cps
Silicon	28-1	24692904	24745995	24255856	24564918	1.09	cps
Silver	109-1	3200	2934	2859	2998	5.99	cps
Silver	107-1	3167	2984	2792	2981	6.29	cps
Sodium	23-2	6535549	6554629	6500401	6530193	0.42	cps
Strontium	86-1	922532	924805	905509	917615	1.15	cps
Strontium	88-1	8138244	8106647	7952734	8065875	1.23	cps
Sulfur	34-1	489498	485842	483318	486219	0.64	cps
Terbium	159-1	9892304	9999148	9956145	9949199	0.54	cps
Terbium	159-2	4619137	4436442	4586844	4547474	2.14	cps
Thallium	203-1	458	325	433	406	17.48	cps
Thallium	205-1	1000	1058	983	1014	3.88	cps
Tin	118-1	15618	15793	15684	15698	0.56	cps
Titanium	47-1	808	700	675	728	9.74	cps
Uranium	238-1	22720	23355	23238	23105	1.46	cps
Vanadium	51-2	3477	3457	3290	3408	3.01	cps
Yttrium	89-1	7229481	7193100	7090058	7170880	1.01	cps
Yttrium	89-2	967751	927294	955027	950024	2.18	cps
Zinc	66-2	5858	5838	6311	6002	4.46	cps
Zirconium	90-1	2959	2934	2609	2834	6.89	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-14	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:32:28	DataFile Name :	034SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	733	600	664	10.07	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-15	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:35:55	DataFile Name :	035SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	792	908	775	18.37	cps
Antimony	121-1	9979	10621	10613	10404	3.54	cps
Arsenic	75-2	174	187	146	169	12.31	cps
Barium	135-1	156489	155603	155554	155882	0.34	cps
Barium	137-1	272468	274231	271336	272678	0.54	cps
Beryllium	9-1	422	350	428	400	10.85	cps
Bismuth	209-1	6377819	6376606	6378150	6377525	0.01	cps
Bismuth	209-2	3718245	3744389	3732395	3731676	0.35	cps
Boron	10-1	18662	18720	18871	18751	0.57	cps
Boron	11-1	95526	95249	97036	95937	1.00	cps
Cadmium	111-1	1878	1741	1811	1810	3.78	cps
Cadmium	106-1	2342	2192	2334	2289	3.68	cps
Cadmium	108-1	46	38	38	40	11.94	cps
Calcium	43-1	2371173	2371631	2387153	2376653	0.38	cps
Calcium	44-1	38177634	38173616	38448741	38266664	0.41	cps
Chromium	52-2	1777	1703	1727	1736	2.16	cps
Cobalt	59-2	250	240	263	251	4.66	cps
Copper	63-2	19089	18916	18802	18936	0.76	cps
Dysprosium	156-1	58	75	58	64	15.05	cps
Dysprosium	156-2	33	27	33	31	12.36	cps
Erbium	164-1	83	117	142	114	25.69	cps
Erbium	164-2	33	57	53	48	26.42	cps
Gadolinium	160-1	125	92	108	108	15.39	cps
Gadolinium	160-2	117	103	87	102	14.70	cps
Holmium	165-1	9726306	9582793	9685090	9664730	0.76	cps
Holmium	165-2	4760768	4780137	4784429	4775111	0.26	cps
Indium	115-1	7309508	7262275	7363316	7311700	0.69	cps
Indium	115-2	1362854	1365445	1371018	1366439	0.31	cps
Iron	56-2	34140	34798	34570	34503	0.97	cps
Iron	57-2	5134	5379	5657	5390	4.85	cps
Lead	206-1	4212	3984	4240	4145	3.38	cps
Lead	207-1	3562	3851	3578	3664	4.43	cps
Lead	208-1	16343	16360	16299	16334	0.19	cps
Lithium	6-1	1712324	1719575	1731341	1721080	0.56	cps
Magnesium	24-2	1278445	1276234	1281997	1278892	0.23	cps
Manganese	55-2	2780	3084	2814	2893	5.75	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-15 Instrumnet Name : P7
 Client Sample ID : KY030SP001-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:35:55 DataFile Name : 035SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2067	2167	2017	2084	3.67	cps
Molybdenum	95-1	2042	2059	2209	2103	4.37	cps
Molybdenum	96-1	2192	2117	2217	2175	2.39	cps
Molybdenum	97-1	1325	1375	1642	1447	11.76	cps
Molybdenum	98-1	3167	3000	3267	3145	4.28	cps
Neodymium	150-1	127	180	153	153	17.39	cps
Neodymium	150-2	43	53	57	51	13.58	cps
Nickel	60-2	1073	1090	1200	1121	6.14	cps
Phosphorus	31-2	142	183	150	158	13.92	cps
Potassium	39-2	271914	273553	273281	272916	0.32	cps
Rhodium	103-1	6201548	6211111	6224034	6212231	0.18	cps
Rhodium	103-2	2752252	2751705	2773761	2759240	0.46	cps
Scandium	45-1	3783211	3746349	3774715	3768091	0.51	cps
Scandium	45-2	150600	149822	151151	150524	0.44	cps
Selenium	77-2	27	7	10	14	74.18	cps
Selenium	78-2	93	87	89	90	3.16	cps
Selenium	82-1	437	345	133	305	51.20	cps
Silicon	28-1	31283158	31052134	31306179	31213824	0.45	cps
Silver	109-1	2900	2467	2692	2686	8.07	cps
Silver	107-1	2584	2859	2542	2661	6.47	cps
Sodium	23-2	3964719	3949528	3969179	3961142	0.26	cps
Strontium	86-1	1615179	1608464	1607790	1610478	0.25	cps
Strontium	88-1	14205914	14056843	14190668	14151141	0.58	cps
Sulfur	34-1	444085	444349	445128	444521	0.12	cps
Terbium	159-1	9939113	10021347	10051660	10004040	0.58	cps
Terbium	159-2	4689915	4683116	4702746	4691926	0.21	cps
Thallium	203-1	267	275	217	253	12.48	cps
Thallium	205-1	575	533	475	528	9.52	cps
Tin	118-1	10613	10721	10988	10774	1.79	cps
Titanium	47-1	1258	1075	1075	1136	9.32	cps
Uranium	238-1	35984	35466	35458	35636	0.85	cps
Vanadium	51-2	4024	3781	4127	3977	4.48	cps
Yttrium	89-1	7127357	7181846	7205826	7171676	0.56	cps
Yttrium	89-2	971285	968131	973173	970863	0.26	cps
Zinc	66-2	6872	7172	7355	7133	3.42	cps
Zirconium	90-1	2609	2534	2542	2561	1.60	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-15	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:35:55	DataFile Name :	035SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	775	617	647	17.86	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4099-16 Instrumnet Name : P7
 Client Sample ID : KY030LC006-W-170705 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 15:39:24 DataFile Name : 036SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	483	392	381	28.58	cps
Antimony	121-1	10538	10254	11372	10721	5.42	cps
Arsenic	75-2	489	524	506	506	3.48	cps
Barium	135-1	166991	164090	162660	164581	1.34	cps
Barium	137-1	289039	288856	290801	289566	0.37	cps
Beryllium	9-1	367	328	383	359	7.94	cps
Bismuth	209-1	6251766	6308953	6340042	6300254	0.71	cps
Bismuth	209-2	3634367	3673264	3675804	3661145	0.63	cps
Boron	10-1	23536	22976	23669	23394	1.57	cps
Boron	11-1	117318	119167	121779	119422	1.88	cps
Cadmium	111-1	1831	1670	1675	1726	5.31	cps
Cadmium	106-1	2492	2284	2284	2353	5.11	cps
Cadmium	108-1	13	17	33	21	52.90	cps
Calcium	43-1	1605715	1598775	1594187	1599559	0.36	cps
Calcium	44-1	25957176	25681059	25809272	25815836	0.54	cps
Chromium	52-2	1607	1573	1640	1607	2.07	cps
Cobalt	59-2	410	430	370	403	7.57	cps
Copper	63-2	15902	16089	16283	16091	1.18	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	20	20	20	20	0.00	cps
Gadolinium	160-1	33	75	42	50	44.10	cps
Gadolinium	160-2	110	83	80	91	18.04	cps
Holmium	165-1	9410199	9591231	9622004	9541145	1.20	cps
Holmium	165-2	4676596	4688061	4727821	4697493	0.57	cps
Indium	115-1	7216732	7263484	7264885	7248367	0.38	cps
Indium	115-2	1332319	1334478	1344220	1337006	0.47	cps
Iron	56-2	22651	22329	22913	22631	1.29	cps
Iron	57-2	4101	3617	3551	3756	7.99	cps
Lead	206-1	1600	1600	1667	1622	2.37	cps
Lead	207-1	1461	1545	1450	1485	3.48	cps
Lead	208-1	6745	6812	6662	6740	1.12	cps
Lithium	6-1	1678804	1687616	1693915	1686778	0.45	cps
Magnesium	24-2	967771	975105	970613	971163	0.38	cps
Manganese	55-2	45086	45938	46316	45780	1.38	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:39:24	DataFile Name :	036SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4001	3834	3934	3923	2.14	cps
Molybdenum	95-1	3384	3751	3617	3584	5.18	cps
Molybdenum	96-1	4059	4326	4209	4198	3.18	cps
Molybdenum	97-1	2184	2392	2334	2303	4.67	cps
Molybdenum	98-1	5610	5701	6252	5854	5.93	cps
Neodymium	150-1	47	47	47	47	0.00	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	1417	1493	1527	1479	3.81	cps
Phosphorus	31-2	167	233	117	172	33.99	cps
Potassium	39-2	370204	369775	373428	371136	0.54	cps
Rhodium	103-1	6133711	6150385	6150484	6144860	0.16	cps
Rhodium	103-2	2710035	2714794	2723176	2716001	0.24	cps
Scandium	45-1	3688366	3665419	3676950	3676912	0.31	cps
Scandium	45-2	146361	147418	147351	147043	0.40	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	56	67	61	61	9.09	cps
Selenium	82-1	-15	191	67	81	127.72	cps
Silicon	28-1	26959010	26847701	26902877	26903196	0.21	cps
Silver	109-1	2417	2617	2542	2525	4.00	cps
Silver	107-1	2350	2450	2592	2464	4.93	cps
Sodium	23-2	7235529	7221109	7300054	7252231	0.58	cps
Strontium	86-1	929122	935867	935494	933494	0.41	cps
Strontium	88-1	8190216	8232636	8265613	8229488	0.46	cps
Sulfur	34-1	473921	471458	472467	472615	0.26	cps
Terbium	159-1	9878178	9953845	9921981	9918001	0.38	cps
Terbium	159-2	4580506	4609345	4634693	4608181	0.59	cps
Thallium	203-1	275	175	158	203	31.12	cps
Thallium	205-1	467	567	450	494	12.76	cps
Tin	118-1	9362	9103	9912	9459	4.37	cps
Titanium	47-1	858	692	833	795	11.32	cps
Uranium	238-1	25025	24591	24866	24827	0.88	cps
Vanadium	51-2	3207	3164	3097	3156	1.76	cps
Yttrium	89-1	7006234	7031869	7112181	7050095	0.78	cps
Yttrium	89-2	944959	953088	954127	950725	0.53	cps
Zinc	66-2	5264	5464	5348	5359	1.88	cps
Zirconium	90-1	5109	5201	5585	5298	4.76	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-W-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:39:24	DataFile Name :	036SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1250	1258	1133	1214	5.76	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0422-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:42:52	DataFile Name :	037SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	175	167	153	20.65	cps
Antimony	121-1	10713	10254	10738	10568	2.58	cps
Arsenic	75-2	485	469	470	475	1.92	cps
Barium	135-1	125925	125107	126866	125966	0.70	cps
Barium	137-1	222277	225130	223876	223761	0.64	cps
Beryllium	9-1	300	289	294	294	1.89	cps
Bismuth	209-1	6204856	6186719	6222897	6204824	0.29	cps
Bismuth	209-2	3626162	3652600	3657623	3645462	0.46	cps
Boron	10-1	20949	21516	20990	21152	1.49	cps
Boron	11-1	104493	103922	106591	105002	1.34	cps
Cadmium	111-1	1624	1570	1681	1625	3.41	cps
Cadmium	106-1	2234	2117	2267	2206	3.57	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Calcium	43-1	1494086	1488119	1489387	1490531	0.21	cps
Calcium	44-1	23923776	24077385	24145514	24048892	0.47	cps
Chromium	52-2	1183	1193	1153	1177	1.77	cps
Cobalt	59-2	323	290	337	317	7.59	cps
Copper	63-2	16516	16903	17307	16909	2.34	cps
Dysprosium	156-1	25	0	33	19	89.21	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	108	58	58	75	38.49	cps
Erbium	164-2	13	10	33	19	66.81	cps
Gadolinium	160-1	67	58	42	56	22.91	cps
Gadolinium	160-2	63	80	57	67	18.03	cps
Holmium	165-1	9549839	9360346	9562504	9490896	1.19	cps
Holmium	165-2	4674431	4702532	4689701	4688888	0.30	cps
Indium	115-1	7226887	7114545	7251541	7197658	1.01	cps
Indium	115-2	1335769	1341120	1343262	1340050	0.29	cps
Iron	56-2	14808	14430	14051	14430	2.62	cps
Iron	57-2	3045	3628	3295	3323	8.81	cps
Lead	206-1	1628	1411	1506	1515	7.17	cps
Lead	207-1	1422	1356	1345	1374	3.06	cps
Lead	208-1	6312	6190	6301	6267	1.08	cps
Lithium	6-1	1650638	1653039	1672926	1658867	0.74	cps
Magnesium	24-2	1211454	1211217	1210554	1211075	0.04	cps
Manganese	55-2	13837	13897	14184	13972	1.33	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0422-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:42:52	DataFile Name :	037SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2334	2367	2617	2439	6.35	cps
Molybdenum	95-1	3259	3342	3676	3426	6.44	cps
Molybdenum	96-1	4076	4176	4359	4204	3.42	cps
Molybdenum	97-1	2292	2092	2000	2128	7.01	cps
Molybdenum	98-1	5876	5710	5585	5724	2.56	cps
Neodymium	150-1	40	67	40	49	31.50	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1280	1327	1237	1281	3.51	cps
Phosphorus	31-2	208	150	217	192	18.95	cps
Potassium	39-2	388699	389531	386880	388370	0.35	cps
Rhodium	103-1	6131489	6081976	6113592	6109019	0.41	cps
Rhodium	103-2	2713985	2718769	2713763	2715505	0.10	cps
Scandium	45-1	3643681	3598893	3617315	3619963	0.62	cps
Scandium	45-2	145240	146010	145563	145604	0.27	cps
Selenium	77-2	13	13	10	12	15.73	cps
Selenium	78-2	52	65	56	57	11.64	cps
Selenium	82-1	98	188	101	129	39.67	cps
Silicon	28-1	22231109	22165122	22269327	22221853	0.24	cps
Silver	109-1	2259	2167	1984	2136	6.56	cps
Silver	107-1	2192	2525	2584	2434	8.69	cps
Sodium	23-2	6155070	6179046	6153119	6162411	0.23	cps
Strontium	86-1	1342665	1346290	1340580	1343178	0.22	cps
Strontium	88-1	11741440	11866986	11857246	11821890	0.59	cps
Sulfur	34-1	559363	555326	555854	556848	0.39	cps
Terbium	159-1	9750087	9645323	10001850	9799087	1.87	cps
Terbium	159-2	4589072	4602938	4639888	4610633	0.57	cps
Thallium	203-1	117	117	108	114	4.22	cps
Thallium	205-1	325	292	408	342	17.59	cps
Tin	118-1	9253	9937	9128	9440	4.61	cps
Titanium	47-1	700	625	742	689	8.58	cps
Uranium	238-1	23330	23881	22888	23366	2.13	cps
Vanadium	51-2	4111	4097	4164	4124	0.86	cps
Yttrium	89-1	6964260	6956985	6993212	6971486	0.27	cps
Yttrium	89-2	951139	952661	951634	951812	0.08	cps
Zinc	66-2	5331	5608	5605	5514	2.88	cps
Zirconium	90-1	2042	1467	1759	1756	16.38	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4099-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0422-170705	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:42:52	DataFile Name :	037SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	350	375	369	4.70	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-10	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:46:20	DataFile Name :	038SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	208	233	233	10.72	cps
Antimony	121-1	10313	10913	10396	10541	3.09	cps
Arsenic	75-2	528	450	478	485	8.12	cps
Barium	135-1	156056	157220	156918	156731	0.39	cps
Barium	137-1	272066	275517	276629	274737	0.87	cps
Beryllium	9-1	244	233	306	261	14.89	cps
Bismuth	209-1	6214103	6231698	6223742	6223181	0.14	cps
Bismuth	209-2	3629578	3651074	3637477	3639376	0.30	cps
Boron	10-1	25480	26240	26099	25940	1.56	cps
Boron	11-1	131844	131232	135099	132725	1.57	cps
Cadmium	111-1	1881	1697	1668	1749	6.60	cps
Cadmium	106-1	2634	2350	2325	2436	7.03	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Calcium	43-1	1521998	1531133	1537305	1530145	0.50	cps
Calcium	44-1	24760783	24903432	24961634	24875283	0.42	cps
Chromium	52-2	1647	1623	1793	1688	5.46	cps
Cobalt	59-2	303	340	337	327	6.21	cps
Copper	63-2	13933	14234	13944	14037	1.21	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	23	27	13	21	32.88	cps
Gadolinium	160-1	67	42	25	44	47.19	cps
Gadolinium	160-2	103	90	73	89	16.92	cps
Holmium	165-1	9469075	9708656	9570106	9582612	1.26	cps
Holmium	165-2	4695082	4704244	4702125	4700484	0.10	cps
Indium	115-1	7137063	7203411	7163505	7167993	0.47	cps
Indium	115-2	1315000	1331266	1328415	1324894	0.66	cps
Iron	56-2	15520	15820	15614	15651	0.98	cps
Iron	57-2	3428	3412	3345	3395	1.30	cps
Lead	206-1	1595	1511	1834	1646	10.16	cps
Lead	207-1	1395	1300	1295	1330	4.23	cps
Lead	208-1	6323	6456	6573	6451	1.94	cps
Lithium	6-1	1627561	1645625	1653072	1642086	0.80	cps
Magnesium	24-2	1029121	1033130	1036340	1032864	0.35	cps
Manganese	55-2	18645	17647	18749	18347	3.31	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-10	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:46:20	DataFile Name :	038SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2109	2325	2309	2248	5.37	cps
Molybdenum	95-1	3200	3592	3292	3362	6.10	cps
Molybdenum	96-1	3817	3676	3451	3648	5.07	cps
Molybdenum	97-1	2034	2225	2184	2147	4.70	cps
Molybdenum	98-1	5451	5151	5418	5340	3.08	cps
Neodymium	150-1	40	67	107	71	47.19	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	1373	1343	1510	1409	6.31	cps
Phosphorus	31-2	158	175	158	164	5.87	cps
Potassium	39-2	386345	383673	385547	385188	0.36	cps
Rhodium	103-1	6052213	6056679	6165815	6091569	1.06	cps
Rhodium	103-2	2684908	2696893	2704065	2695289	0.36	cps
Scandium	45-1	3612494	3619501	3615328	3615774	0.10	cps
Scandium	45-2	145812	144227	146643	145561	0.84	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	69	43	54	55	23.68	cps
Selenium	82-1	144	8	157	103	80.53	cps
Silicon	28-1	27120012	27230238	27231455	27193902	0.24	cps
Silver	109-1	2300	2317	2292	2303	0.55	cps
Silver	107-1	2250	2234	2192	2225	1.35	cps
Sodium	23-2	8715147	8609631	8659650	8661476	0.61	cps
Strontium	86-1	934466	932861	942415	936581	0.55	cps
Strontium	88-1	8258000	8209061	8270230	8245764	0.39	cps
Sulfur	34-1	537419	540266	542271	539986	0.45	cps
Terbium	159-1	9780266	9901678	9974271	9885405	0.99	cps
Terbium	159-2	4614981	4622097	4613445	4616841	0.10	cps
Thallium	203-1	175	150	125	150	16.67	cps
Thallium	205-1	342	267	300	303	12.41	cps
Tin	118-1	7369	8086	8303	7919	6.17	cps
Titanium	47-1	833	875	708	806	10.77	cps
Uranium	238-1	24265	24824	24766	24619	1.25	cps
Vanadium	51-2	3931	4064	3867	3954	2.54	cps
Yttrium	89-1	7024674	6968260	7007848	7000261	0.41	cps
Yttrium	89-2	940166	945313	945498	943659	0.32	cps
Zinc	66-2	5024	4848	5331	5068	4.83	cps
Zirconium	90-1	1759	1617	1625	1667	4.77	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-10	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:46:20	DataFile Name :	038SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	408	308	364	13.99	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP010-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:49:48	DataFile Name :	039SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	217	142	161	30.31	cps
Antimony	121-1	8628	9495	9604	9242	5.79	cps
Arsenic	75-2	296	293	296	295	0.72	cps
Barium	135-1	147659	148342	151687	149229	1.44	cps
Barium	137-1	260977	264125	267846	264316	1.30	cps
Beryllium	9-1	189	233	256	226	15.02	cps
Bismuth	209-1	6161482	6210748	6199105	6190445	0.42	cps
Bismuth	209-2	3524067	3550816	3540082	3538322	0.38	cps
Boron	10-1	32010	32227	31868	32035	0.56	cps
Boron	11-1	158936	163668	164679	162427	1.89	cps
Cadmium	111-1	1340	1428	1549	1439	7.28	cps
Cadmium	106-1	1859	2017	2159	2011	7.46	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	2157663	2166760	2179440	2167954	0.50	cps
Calcium	44-1	34648150	35215024	35022505	34961893	0.82	cps
Chromium	52-2	10674	10764	10441	10626	1.57	cps
Cobalt	59-2	237	267	237	247	7.02	cps
Copper	63-2	15755	15785	15962	15834	0.71	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	25	75	58	53	48.24	cps
Erbium	164-2	23	27	7	19	56.72	cps
Gadolinium	160-1	50	33	67	50	33.34	cps
Gadolinium	160-2	50	93	97	80	32.54	cps
Holmium	165-1	9429975	9572142	9605734	9535950	0.98	cps
Holmium	165-2	4551635	4579445	4584867	4571983	0.39	cps
Indium	115-1	7155917	7177622	7128966	7154168	0.34	cps
Indium	115-2	1284939	1289691	1287814	1287481	0.19	cps
Iron	56-2	8875	8436	8414	8575	3.03	cps
Iron	57-2	4323	4395	4162	4293	2.78	cps
Lead	206-1	1795	1750	1806	1784	1.65	cps
Lead	207-1	1767	1545	1728	1680	7.07	cps
Lead	208-1	7123	6990	7901	7338	6.71	cps
Lithium	6-1	1606870	1622660	1621750	1617094	0.55	cps
Magnesium	24-2	923393	920919	921161	921825	0.15	cps
Manganese	55-2	1327	1263	1290	1293	2.46	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP010-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:49:48	DataFile Name :	039SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1442	1525	1475	1481	2.83	cps
Molybdenum	95-1	1609	1667	1617	1631	1.93	cps
Molybdenum	96-1	1875	1992	1909	1925	3.12	cps
Molybdenum	97-1	1125	1000	1058	1061	5.89	cps
Molybdenum	98-1	2467	2384	3042	2631	13.63	cps
Neodymium	150-1	53	60	87	67	26.46	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	847	1020	973	947	9.48	cps
Phosphorus	31-2	125	108	150	128	16.41	cps
Potassium	39-2	313862	313703	316109	314558	0.43	cps
Rhodium	103-1	5949547	6061119	6013949	6008205	0.93	cps
Rhodium	103-2	2608090	2629248	2627278	2621539	0.45	cps
Scandium	45-1	3621870	3636878	3608170	3622306	0.40	cps
Scandium	45-2	141717	141743	140949	141470	0.32	cps
Selenium	77-2	20	23	30	24	20.83	cps
Selenium	78-2	89	83	87	86	3.28	cps
Selenium	82-1	295	362	335	331	10.16	cps
Silicon	28-1	33390080	33226505	33235889	33284158	0.28	cps
Silver	109-1	2200	1850	2034	2028	8.63	cps
Silver	107-1	2342	1984	2009	2111	9.48	cps
Sodium	23-2	10595184	10591427	10627589	10604733	0.19	cps
Strontium	86-1	1046872	1054465	1052644	1051327	0.38	cps
Strontium	88-1	9264155	9310599	9242718	9272491	0.37	cps
Sulfur	34-1	512624	517071	519845	516514	0.71	cps
Terbium	159-1	9728670	9831533	9854759	9804987	0.68	cps
Terbium	159-2	4468963	4501690	4502477	4491043	0.43	cps
Thallium	203-1	142	83	125	117	25.75	cps
Thallium	205-1	258	283	292	278	6.24	cps
Tin	118-1	8269	8094	8420	8261	1.97	cps
Titanium	47-1	992	942	958	964	2.64	cps
Uranium	238-1	45982	47362	47588	46977	1.85	cps
Vanadium	51-2	5478	5414	5581	5491	1.53	cps
Yttrium	89-1	6925011	7013069	7001928	6980002	0.69	cps
Yttrium	89-2	918738	916878	920378	918665	0.19	cps
Zinc	66-2	4711	4748	4938	4799	2.54	cps
Zirconium	90-1	1500	1450	1450	1467	1.97	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP010-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:49:48	DataFile Name :	039SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	350	200	278	27.06	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-12	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:53:16	DataFile Name :	040SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	300	200	256	19.92	cps
Antimony	121-1	10012	9562	9879	9818	2.36	cps
Arsenic	75-2	281	265	231	259	9.82	cps
Barium	135-1	165204	166259	164942	165468	0.42	cps
Barium	137-1	286245	289738	293067	289683	1.18	cps
Beryllium	9-1	239	189	250	226	14.41	cps
Bismuth	209-1	6213954	6234045	6218825	6222274	0.17	cps
Bismuth	209-2	3615500	3596177	3627805	3613161	0.44	cps
Boron	10-1	25622	25213	26424	25753	2.39	cps
Boron	11-1	128509	130165	128711	129129	0.70	cps
Cadmium	111-1	1629	1720	1573	1640	4.53	cps
Cadmium	106-1	2275	2392	2192	2286	4.39	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	2215287	2202174	2209226	2208896	0.30	cps
Calcium	44-1	35699842	35775151	35602960	35692651	0.24	cps
Chromium	52-2	5218	5081	5284	5194	2.00	cps
Cobalt	59-2	190	247	273	237	17.98	cps
Copper	63-2	13767	13703	14167	13879	1.81	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	33	17	7	19	71.30	cps
Gadolinium	160-1	33	58	67	53	32.88	cps
Gadolinium	160-2	50	83	63	66	25.60	cps
Holmium	165-1	9571713	9645012	9481957	9566227	0.85	cps
Holmium	165-2	4662779	4643605	4680455	4662280	0.40	cps
Indium	115-1	7162000	7129088	7148112	7146400	0.23	cps
Indium	115-2	1316250	1317210	1320079	1317847	0.15	cps
Iron	56-2	16054	16337	16143	16178	0.90	cps
Iron	57-2	4756	4523	4829	4703	3.40	cps
Lead	206-1	1428	1356	1400	1395	2.61	cps
Lead	207-1	1383	1328	1289	1333	3.56	cps
Lead	208-1	5990	5817	5984	5930	1.65	cps
Lithium	6-1	1602474	1608258	1618836	1609856	0.52	cps
Magnesium	24-2	1129715	1127193	1131302	1129404	0.18	cps
Manganese	55-2	2090	1960	1927	1992	4.33	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-12	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:53:16	DataFile Name :	040SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2225	2117	2009	2117	5.12	cps
Molybdenum	95-1	3042	2975	3201	3073	3.76	cps
Molybdenum	96-1	3467	3401	3384	3417	1.29	cps
Molybdenum	97-1	1875	1967	1925	1922	2.39	cps
Molybdenum	98-1	4693	4934	5009	4879	3.39	cps
Neodymium	150-1	33	67	20	40	60.09	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	903	880	773	852	8.13	cps
Phosphorus	31-2	67	158	142	122	39.95	cps
Potassium	39-2	287103	293778	294292	291724	1.37	cps
Rhodium	103-1	6089769	6145125	6106071	6113655	0.47	cps
Rhodium	103-2	2683025	2681359	2704420	2689601	0.48	cps
Scandium	45-1	3633560	3630860	3615061	3626494	0.28	cps
Scandium	45-2	143884	143577	145977	144479	0.90	cps
Selenium	77-2	13	17	10	13	25.01	cps
Selenium	78-2	67	63	100	77	26.65	cps
Selenium	82-1	212	125	145	161	28.51	cps
Silicon	28-1	36012534	36278810	36118494	36136613	0.37	cps
Silver	109-1	1775	1800	1950	1842	5.14	cps
Silver	107-1	2034	2259	2142	2145	5.25	cps
Sodium	23-2	6718093	6679276	6726998	6708122	0.38	cps
Strontium	86-1	1200319	1217378	1210557	1209418	0.71	cps
Strontium	88-1	10623255	10753074	10688711	10688347	0.61	cps
Sulfur	34-1	424532	423683	425759	424658	0.25	cps
Terbium	159-1	9950475	9900351	9977987	9942938	0.40	cps
Terbium	159-2	4582590	4585853	4612437	4593627	0.36	cps
Thallium	203-1	142	133	100	125	17.64	cps
Thallium	205-1	283	317	250	283	11.76	cps
Tin	118-1	8320	7803	8303	8142	3.61	cps
Titanium	47-1	867	1142	1150	1053	15.32	cps
Uranium	238-1	54390	54925	55302	54872	0.84	cps
Vanadium	51-2	6361	6328	6091	6260	2.35	cps
Yttrium	89-1	7016500	7035624	7006245	7019456	0.21	cps
Yttrium	89-2	937128	937376	942949	939151	0.35	cps
Zinc	66-2	4447	4434	4671	4517	2.94	cps
Zirconium	90-1	1308	1217	1300	1275	3.98	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-12	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 15:53:16	DataFile Name :	040SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	208	408	303	33.18	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : CCV07 Instrumnet Name : P7
 Client Sample ID : CCV07 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:01:48 DataFile Name : 042CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3052190	3038148	3037008	3042449	0.28	cps
Antimony	121-1	4182545	4244116	4253245	4226636	0.91	cps
Arsenic	75-2	117098	117926	116108	117044	0.78	cps
Barium	135-1	5086379	5146208	5127709	5120099	0.60	cps
Barium	137-1	8741745	8886536	8863667	8830649	0.88	cps
Beryllium	9-1	586732	594277	599591	593533	1.09	cps
Bismuth	209-1	5612472	5559647	5570135	5580751	0.50	cps
Bismuth	209-2	3440971	3397267	3401728	3413322	0.70	cps
Boron	10-1	66932	68547	68447	67976	1.33	cps
Boron	11-1	324582	330303	335418	330101	1.64	cps
Cadmium	111-1	956674	959824	965687	960728	0.48	cps
Cadmium	106-1	107136	106188	107212	106845	0.53	cps
Cadmium	108-1	68774	68954	69766	69165	0.76	cps
Calcium	43-1	5359076	5392571	5371231	5374293	0.32	cps
Calcium	44-1	85285098	86097952	85751806	85711619	0.48	cps
Chromium	52-2	1021727	1013008	1013785	1016173	0.47	cps
Cobalt	59-2	1598018	1596700	1588623	1594447	0.32	cps
Copper	63-2	2120586	2107427	2094575	2107529	0.62	cps
Dysprosium	156-1	125	133	200	153	26.91	cps
Dysprosium	156-2	77	77	70	74	5.17	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	40	30	27	32	21.53	cps
Gadolinium	160-1	108	100	67	92	24.05	cps
Gadolinium	160-2	107	117	83	102	16.74	cps
Holmium	165-1	9230442	9098979	9213862	9181094	0.78	cps
Holmium	165-2	4764553	4693503	4725599	4727885	0.75	cps
Indium	115-1	6730819	6713653	6740248	6728240	0.20	cps
Indium	115-2	1338766	1328069	1333181	1333339	0.40	cps
Iron	56-2	208260516	207133849	206905782	207433382	0.35	cps
Iron	57-2	5205800	5207454	5189742	5200999	0.19	cps
Lead	206-1	3125399	3124075	3138026	3129167	0.25	cps
Lead	207-1	2829876	2849911	2850639	2843475	0.41	cps
Lead	208-1	12810582	12909323	12954305	12891403	0.57	cps
Lithium	6-1	1474629	1474927	1483940	1477832	0.36	cps
Magnesium	24-2	34267161	33935648	33994942	34065917	0.52	cps
Manganese	55-2	1176030	1166102	1164700	1168944	0.53	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:01:48	DataFile Name :	042CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3508113	3532576	3524745	3521811	0.35	cps
Molybdenum	95-1	1862859	1881618	1887948	1877475	0.69	cps
Molybdenum	96-1	2392229	2420148	2434326	2415568	0.89	cps
Molybdenum	97-1	1164690	1177136	1179252	1173692	0.67	cps
Molybdenum	98-1	3037757	3051252	3074925	3054645	0.62	cps
Neodymium	150-1	533	513	533	527	2.19	cps
Neodymium	150-2	73	73	47	64	23.89	cps
Nickel	60-2	415033	409161	411307	411834	0.72	cps
Phosphorus	31-2	32127	31251	32027	31802	1.51	cps
Potassium	39-2	18528401	18283021	18304650	18372024	0.74	cps
Rhodium	103-1	5849881	5783517	5839201	5824200	0.61	cps
Rhodium	103-2	2677617	2643480	2653131	2658076	0.66	cps
Scandium	45-1	4052084	3981016	3978153	4003751	1.05	cps
Scandium	45-2	167905	166079	168242	167409	0.70	cps
Selenium	77-2	2254	2347	2494	2365	5.12	cps
Selenium	78-2	8178	8150	8273	8201	0.78	cps
Selenium	82-1	53784	54048	53656	53830	0.37	cps
Silicon	28-1	3212222	3319417	3388379	3306673	2.68	cps
Silver	109-1	4633769	4614990	4636577	4628445	0.25	cps
Silver	107-1	4842475	4816058	4839952	4832828	0.30	cps
Sodium	23-2	66114045	65439710	65055935	65536563	0.82	cps
Strontium	86-1	1272459	1278731	1281811	1277667	0.37	cps
Strontium	88-1	11075785	11276288	11334559	11228877	1.21	cps
Sulfur	34-1	550011	552353	551807	551390	0.22	cps
Terbium	159-1	9525396	9502708	9491934	9506679	0.18	cps
Terbium	159-2	4692366	4649103	4640491	4660653	0.60	cps
Thallium	203-1	3908554	3924837	3939431	3924274	0.39	cps
Thallium	205-1	9422696	9385137	9373308	9393714	0.27	cps
Tin	118-1	3175631	3202285	3203767	3193895	0.50	cps
Titanium	47-1	495115	501511	501955	499527	0.77	cps
Uranium	238-1	13822789	13963699	13932101	13906196	0.53	cps
Vanadium	51-2	851060	838771	837634	842488	0.88	cps
Yttrium	89-1	7065848	7077787	7144027	7095887	0.59	cps
Yttrium	89-2	1022242	1018128	1011065	1017145	0.56	cps
Zinc	66-2	294646	292391	291899	292979	0.50	cps
Zirconium	90-1	6664193	6722126	6694287	6693535	0.43	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:01:48	DataFile Name :	042CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1467157	1486786	1484800	1479581	0.73	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:08:39	DataFile Name :	043CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	17	28	69.27	cps
Antimony	121-1	2659	2609	2867	2711	5.05	cps
Arsenic	75-2	22	33	43	33	31.18	cps
Barium	135-1	25	25	42	31	31.50	cps
Barium	137-1	58	33	33	42	34.65	cps
Beryllium	9-1	528	517	483	509	4.54	cps
Bismuth	209-1	5958209	5971733	6140478	6023474	1.69	cps
Bismuth	209-2	3801512	3865152	3725540	3797401	1.84	cps
Boron	10-1	2242	2325	2259	2275	1.94	cps
Boron	11-1	11888	11914	11713	11838	0.92	cps
Cadmium	111-1	1581	1731	1957	1756	10.77	cps
Cadmium	106-1	2217	2442	2759	2473	11.01	cps
Cadmium	108-1	0	17	17	11	86.60	cps
Calcium	43-1	158	100	108	122	25.81	cps
Calcium	44-1	4809	5201	4859	4957	4.30	cps
Chromium	52-2	353	363	463	393	15.47	cps
Cobalt	59-2	73	90	87	83	10.59	cps
Copper	63-2	1843	1923	1954	1907	2.98	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	42	50	58	50	16.67	cps
Gadolinium	160-2	90	73	87	83	10.58	cps
Holmium	165-1	9241821	9248540	9401157	9297173	0.97	cps
Holmium	165-2	4830570	4881713	4764719	4825667	1.22	cps
Indium	115-1	7031944	7124349	7308612	7154968	1.97	cps
Indium	115-2	1420285	1441684	1401315	1421095	1.42	cps
Iron	56-2	8358	8603	8414	8458	1.52	cps
Iron	57-2	267	289	300	285	5.95	cps
Lead	206-1	1106	1106	1056	1089	2.65	cps
Lead	207-1	945	967	933	948	1.79	cps
Lead	208-1	4567	4462	4373	4467	2.18	cps
Lithium	6-1	1526565	1526913	1554800	1536092	1.05	cps
Magnesium	24-2	1158	1100	1158	1139	2.96	cps
Manganese	55-2	280	210	257	249	14.32	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:08:39 DataFile Name : 043CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	708	858	692	753	12.19	cps
Molybdenum	95-1	475	358	425	419	13.96	cps
Molybdenum	96-1	400	683	533	539	26.31	cps
Molybdenum	97-1	325	350	233	303	20.29	cps
Molybdenum	98-1	858	583	808	750	19.53	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	427	457	407	430	5.85	cps
Phosphorus	31-2	125	108	42	92	48.10	cps
Potassium	39-2	24747	24989	24680	24805	0.65	cps
Rhodium	103-1	6324857	6303698	6448626	6359060	1.23	cps
Rhodium	103-2	2939411	2974217	2899225	2937618	1.28	cps
Scandium	45-1	3939659	3868657	4030385	3946234	2.05	cps
Scandium	45-2	167114	172856	163288	167752	2.87	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	37	48	57	48	21.46	cps
Selenium	82-1	14	-86	43	-10	-716.89	cps
Silicon	28-1	223137	227136	224913	225062	0.89	cps
Silver	109-1	725	658	583	656	10.81	cps
Silver	107-1	767	817	775	786	3.41	cps
Sodium	23-2	19230	19997	19029	19419	2.63	cps
Strontium	86-1	1458	1308	1325	1364	6.03	cps
Strontium	88-1	117	150	125	131	13.29	cps
Sulfur	34-1	242258	241305	245324	242962	0.86	cps
Terbium	159-1	9537899	9500089	9736670	9591553	1.33	cps
Terbium	159-2	4752458	4816501	4708940	4759300	1.14	cps
Thallium	203-1	242	158	175	192	23.01	cps
Thallium	205-1	450	467	567	494	12.76	cps
Tin	118-1	2425	2267	2184	2292	5.36	cps
Titanium	47-1	92	67	83	81	15.80	cps
Uranium	238-1	133	142	183	153	17.54	cps
Vanadium	51-2	30	17	30	26	30.11	cps
Yttrium	89-1	7083746	7117043	7218966	7139918	0.99	cps
Yttrium	89-2	1034429	1046474	1028439	1036447	0.89	cps
Zinc	66-2	383	353	407	381	7.02	cps
Zirconium	90-1	1584	1508	1784	1625	8.75	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:08:39	DataFile Name :	043CCBE_P7071217 -M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	267	433	361	23.68	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-13	Instrumnet Name :	P7
Client Sample ID :	KY0300F001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:12:08	DataFile Name :	044SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	225	167	167	35.00	cps
Antimony	121-1	39239	32355	29465	33687	14.91	cps
Arsenic	75-2	230	250	267	249	7.46	cps
Barium	135-1	275298	269820	271876	272331	1.02	cps
Barium	137-1	482067	483109	481983	482386	0.13	cps
Beryllium	9-1	333	378	272	328	16.17	cps
Bismuth	209-1	6118211	6042603	6073784	6078199	0.63	cps
Bismuth	209-2	3559095	3521271	3545609	3541992	0.54	cps
Boron	10-1	33580	34031	34448	34020	1.28	cps
Boron	11-1	168040	171007	174309	171119	1.83	cps
Cadmium	111-1	2051	2123	2075	2083	1.75	cps
Cadmium	106-1	2150	2275	2425	2284	6.03	cps
Cadmium	108-1	71	46	63	60	21.32	cps
Calcium	43-1	2358030	2346010	2336079	2346706	0.47	cps
Calcium	44-1	38049041	37509555	37934924	37831173	0.75	cps
Chromium	52-2	33839	33638	33201	33559	0.97	cps
Cobalt	59-2	1483	1563	1493	1513	2.88	cps
Copper	63-2	13656	13903	14371	13977	2.59	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	58	58	56	8.67	cps
Erbium	164-2	30	20	37	29	29.04	cps
Gadolinium	160-1	58	75	8	47	73.48	cps
Gadolinium	160-2	53	53	40	49	15.74	cps
Holmium	165-1	9376482	9316462	9360292	9351079	0.33	cps
Holmium	165-2	4605375	4558052	4613091	4592173	0.65	cps
Indium	115-1	7144543	7092169	7103679	7113464	0.39	cps
Indium	115-2	1310761	1299782	1328268	1312937	1.09	cps
Iron	56-2	30426	29151	29726	29768	2.14	cps
Iron	57-2	5212	5145	5351	5236	2.00	cps
Lead	206-1	2178	1784	1839	1934	11.04	cps
Lead	207-1	1806	1639	1767	1737	5.02	cps
Lead	208-1	8468	7518	7634	7873	6.58	cps
Lithium	6-1	1606400	1621452	1627838	1618563	0.68	cps
Magnesium	24-2	1875085	1873517	1880515	1876372	0.20	cps
Manganese	55-2	69075	68716	68780	68857	0.28	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-13	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:12:08	DataFile Name :	044SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14032	13232	13198	13487	3.50	cps
Molybdenum	95-1	16719	17219	16861	16933	1.52	cps
Molybdenum	96-1	19005	19172	18663	18947	1.37	cps
Molybdenum	97-1	11146	10729	10980	10952	1.92	cps
Molybdenum	98-1	26784	29423	28271	28159	4.70	cps
Neodymium	150-1	40	87	33	53	54.49	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	6725	7068	7169	6987	3.33	cps
Phosphorus	31-2	192	75	167	144	42.53	cps
Potassium	39-2	376556	378025	381706	378762	0.70	cps
Rhodium	103-1	5934779	5923096	5959821	5939232	0.32	cps
Rhodium	103-2	2640684	2624230	2660595	2641836	0.69	cps
Scandium	45-1	3643163	3602358	3593408	3612976	0.73	cps
Scandium	45-2	144708	143342	144584	144211	0.52	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	89	65	67	73	18.23	cps
Selenium	82-1	150	226	247	207	24.63	cps
Silicon	28-1	31964649	31584868	31603700	31717739	0.67	cps
Silver	109-1	6210	5651	4959	5607	11.17	cps
Silver	107-1	6852	6185	5168	6068	13.98	cps
Sodium	23-2	12146484	12025359	12159328	12110390	0.61	cps
Strontium	86-1	1660984	1646144	1644592	1650573	0.55	cps
Strontium	88-1	14463853	14425470	14541196	14476840	0.41	cps
Sulfur	34-1	759391	756051	748232	754558	0.76	cps
Terbium	159-1	9713852	9653247	9686217	9684439	0.31	cps
Terbium	159-2	4538542	4508208	4538948	4528566	0.39	cps
Thallium	203-1	692	700	692	694	0.69	cps
Thallium	205-1	2117	1508	1617	1747	18.57	cps
Tin	118-1	13933	13248	13607	13596	2.52	cps
Titanium	47-1	1000	967	825	931	9.99	cps
Uranium	238-1	55118	56900	56657	56225	1.72	cps
Vanadium	51-2	4544	4801	4814	4720	3.23	cps
Yttrium	89-1	6921302	6942958	6933092	6932451	0.16	cps
Yttrium	89-2	935582	923793	935209	931528	0.72	cps
Zinc	66-2	5468	5598	5438	5501	1.55	cps
Zirconium	90-1	11931	11121	9003	10685	14.15	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-13	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:12:08	DataFile Name :	044SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2500	2242	2092	2278	9.07	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4125-14 Instrumnet Name : P7
 Client Sample ID : KY030LC011-W-170706 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:15:35 DataFile Name : 045SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	108	167	144	21.84	cps
Antimony	121-1	13657	13524	14433	13871	3.54	cps
Arsenic	75-2	431	391	361	394	8.96	cps
Barium	135-1	110268	109950	109504	109907	0.35	cps
Barium	137-1	190083	191040	190421	190515	0.25	cps
Beryllium	9-1	289	306	289	294	3.27	cps
Bismuth	209-1	6054920	6033477	6018426	6035608	0.30	cps
Bismuth	209-2	3498320	3502958	3514604	3505294	0.24	cps
Boron	10-1	19497	18712	18721	18976	2.37	cps
Boron	11-1	96247	98034	97463	97248	0.94	cps
Cadmium	111-1	1606	1630	1380	1539	8.96	cps
Cadmium	106-1	2242	2250	1917	2136	8.90	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Calcium	43-1	1436673	1437580	1432454	1435569	0.19	cps
Calcium	44-1	23147336	23204648	23257663	23203216	0.24	cps
Chromium	52-2	1270	1337	1290	1299	2.63	cps
Cobalt	59-2	337	377	240	318	22.11	cps
Copper	63-2	12579	12862	12279	12573	2.32	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	20	10	10	100.00	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	60	40	77	59	31.18	cps
Holmium	165-1	9278992	9304206	9278368	9287188	0.16	cps
Holmium	165-2	4502346	4517155	4542845	4520782	0.45	cps
Indium	115-1	7015474	6997012	7020378	7010954	0.18	cps
Indium	115-2	1284229	1281799	1281140	1282389	0.13	cps
Iron	56-2	17516	17872	18234	17874	2.01	cps
Iron	57-2	3067	3234	3367	3223	4.67	cps
Lead	206-1	1734	1856	1850	1813	3.81	cps
Lead	207-1	1322	1417	1589	1443	9.37	cps
Lead	208-1	6679	6957	7006	6881	2.57	cps
Lithium	6-1	1604696	1605736	1613720	1608051	0.31	cps
Magnesium	24-2	858720	865959	858404	861028	0.50	cps
Manganese	55-2	13416	13249	13340	13335	0.63	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-14	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-W-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:15:35	DataFile Name :	045SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3567	3459	3726	3584	3.74	cps
Molybdenum	95-1	3159	3050	3234	3148	2.93	cps
Molybdenum	96-1	3492	3751	3559	3601	3.73	cps
Molybdenum	97-1	1959	2025	2009	1997	1.74	cps
Molybdenum	98-1	5101	5235	4926	5087	3.04	cps
Neodymium	150-1	40	33	27	33	20.00	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1157	1137	1183	1159	2.02	cps
Phosphorus	31-2	100	175	117	131	30.17	cps
Potassium	39-2	355271	357329	353761	355454	0.50	cps
Rhodium	103-1	5906005	5931513	5895485	5911001	0.31	cps
Rhodium	103-2	2612164	2601719	2621536	2611806	0.38	cps
Scandium	45-1	3592050	3548975	3531011	3557345	0.88	cps
Scandium	45-2	140391	139065	140202	139886	0.51	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	56	43	46	48	13.87	cps
Selenium	82-1	155	116	101	124	22.55	cps
Silicon	28-1	23021134	22997637	23108841	23042537	0.25	cps
Silver	109-1	3100	3342	3476	3306	5.75	cps
Silver	107-1	3501	3084	3242	3276	6.42	cps
Sodium	23-2	5425037	5430268	5426636	5427314	0.05	cps
Strontium	86-1	851964	854497	854388	853616	0.17	cps
Strontium	88-1	7534239	7514238	7498499	7515659	0.24	cps
Sulfur	34-1	429313	423311	428777	427134	0.78	cps
Terbium	159-1	9565054	9642399	9641149	9616201	0.46	cps
Terbium	159-2	4459150	4441300	4458066	4452838	0.22	cps
Thallium	203-1	125	83	142	117	25.75	cps
Thallium	205-1	350	283	300	311	11.15	cps
Tin	118-1	9220	9545	9629	9465	2.28	cps
Titanium	47-1	692	708	633	678	5.81	cps
Uranium	238-1	21151	21393	21919	21488	1.83	cps
Vanadium	51-2	3080	3170	3007	3086	2.65	cps
Yttrium	89-1	6832316	6801309	6832071	6821899	0.26	cps
Yttrium	89-2	915478	911416	914454	913783	0.23	cps
Zinc	66-2	4701	4561	4894	4719	3.55	cps
Zirconium	90-1	5201	5218	5059	5159	1.69	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-14	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-W-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:15:35	DataFile Name :	045SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1300	1217	1125	1214	7.21	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-15	Instrumnet Name :	P7
Client Sample ID :	KY0300F003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:19:04	DataFile Name :	046SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	142	133	153	17.53	cps
Antimony	121-1	10905	10738	11238	10960	2.32	cps
Arsenic	75-2	209	215	231	219	5.29	cps
Barium	135-1	122619	121208	121174	121667	0.68	cps
Barium	137-1	212321	213398	213423	213047	0.30	cps
Beryllium	9-1	278	233	272	261	9.27	cps
Bismuth	209-1	5964154	6026785	6043153	6011364	0.69	cps
Bismuth	209-2	3535686	3542517	3553827	3544010	0.26	cps
Boron	10-1	22693	23168	23060	22974	1.09	cps
Boron	11-1	115640	116857	118906	117134	1.41	cps
Cadmium	111-1	1537	1405	1519	1487	4.80	cps
Cadmium	106-1	2167	1967	2117	2084	5.00	cps
Cadmium	108-1	25	25	13	21	34.64	cps
Calcium	43-1	1758695	1772792	1764942	1765476	0.40	cps
Calcium	44-1	28458950	28392567	28502207	28451241	0.19	cps
Chromium	52-2	2310	2274	2377	2320	2.26	cps
Cobalt	59-2	240	243	237	240	1.39	cps
Copper	63-2	12432	12589	12129	12383	1.89	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	57	97	57	70	32.99	cps
Holmium	165-1	9139866	9344757	9251418	9245347	1.11	cps
Holmium	165-2	4587122	4589686	4602300	4593036	0.18	cps
Indium	115-1	6787784	6900220	6878491	6855499	0.87	cps
Indium	115-2	1308493	1298903	1317639	1308345	0.72	cps
Iron	56-2	13534	13440	13896	13623	1.77	cps
Iron	57-2	4012	4384	3840	4078	6.82	cps
Lead	206-1	1439	1500	1567	1502	4.26	cps
Lead	207-1	1083	1250	1322	1219	10.06	cps
Lead	208-1	5656	5840	5873	5790	2.01	cps
Lithium	6-1	1543999	1559502	1568168	1557223	0.79	cps
Magnesium	24-2	928037	934130	933243	931803	0.35	cps
Manganese	55-2	1273	1213	1380	1289	6.55	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-15	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:19:04	DataFile Name :	046SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2150	2367	2192	2236	5.14	cps
Molybdenum	95-1	2192	2250	2100	2181	3.47	cps
Molybdenum	96-1	2400	2459	2609	2489	4.32	cps
Molybdenum	97-1	1483	1317	1408	1403	5.95	cps
Molybdenum	98-1	3442	3684	3742	3623	4.39	cps
Neodymium	150-1	33	27	67	42	50.76	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	850	913	833	866	4.88	cps
Phosphorus	31-2	200	192	100	164	33.86	cps
Potassium	39-2	257090	257272	255369	256577	0.41	cps
Rhodium	103-1	5784553	5818233	5865995	5822927	0.70	cps
Rhodium	103-2	2676227	2664268	2681011	2673835	0.32	cps
Scandium	45-1	3464039	3455754	3457398	3459064	0.13	cps
Scandium	45-2	146587	145103	146374	146021	0.55	cps
Selenium	77-2	7	13	10	10	33.30	cps
Selenium	78-2	67	69	74	70	5.52	cps
Selenium	82-1	309	156	289	251	33.04	cps
Silicon	28-1	33250841	33226296	33383836	33286991	0.25	cps
Silver	109-1	2625	2275	2375	2425	7.43	cps
Silver	107-1	2642	2842	2675	2720	3.94	cps
Sodium	23-2	7875153	7988649	7980006	7947936	0.79	cps
Strontium	86-1	845391	838248	836096	839912	0.58	cps
Strontium	88-1	7425770	7436236	7452469	7438158	0.18	cps
Sulfur	34-1	397990	400999	398315	399101	0.41	cps
Terbium	159-1	9441497	9629106	9604579	9558394	1.07	cps
Terbium	159-2	4507649	4486443	4504121	4499405	0.25	cps
Thallium	203-1	108	125	142	125	13.33	cps
Thallium	205-1	300	325	208	278	22.11	cps
Tin	118-1	6652	6827	6819	6766	1.46	cps
Titanium	47-1	917	850	642	803	17.87	cps
Uranium	238-1	34797	34915	35157	34956	0.52	cps
Vanadium	51-2	5091	5244	5334	5223	2.36	cps
Yttrium	89-1	6744001	6705466	6764139	6737869	0.44	cps
Yttrium	89-2	937154	937185	937494	937278	0.02	cps
Zinc	66-2	5871	5738	6048	5886	2.64	cps
Zirconium	90-1	3017	2892	2750	2887	4.62	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-15	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:19:04	DataFile Name :	046SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	667	583	631	6.78	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : I4125-16 Instrumnet Name : P7
 Client Sample ID : KY030LC015-W-170706 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:22:32 DataFile Name : 047SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	75	100	103	28.48	cps
Antimony	121-1	11805	12222	12189	12072	1.92	cps
Arsenic	75-2	513	548	567	543	5.03	cps
Barium	135-1	114167	116560	116198	115642	1.12	cps
Barium	137-1	203790	200392	204313	202832	1.05	cps
Beryllium	9-1	256	239	256	250	3.85	cps
Bismuth	209-1	6100478	6114759	6139436	6118225	0.32	cps
Bismuth	209-2	3560675	3589731	3612093	3587500	0.72	cps
Boron	10-1	19972	19363	19930	19755	1.72	cps
Boron	11-1	98528	100643	99878	99683	1.07	cps
Cadmium	111-1	1775	1557	1758	1697	7.15	cps
Cadmium	106-1	2475	2167	2450	2364	7.24	cps
Cadmium	108-1	29	8	4	14	96.44	cps
Calcium	43-1	1406800	1404916	1396720	1402812	0.38	cps
Calcium	44-1	22547732	22563339	22817840	22642970	0.67	cps
Chromium	52-2	1157	1317	1243	1239	6.46	cps
Cobalt	59-2	473	453	443	457	3.34	cps
Copper	63-2	12799	13099	12789	12896	1.37	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	67	33	67	56	34.63	cps
Gadolinium	160-2	87	63	67	72	17.48	cps
Holmium	165-1	9410800	9561608	9527323	9499910	0.83	cps
Holmium	165-2	4631614	4637607	4665217	4644813	0.39	cps
Indium	115-1	7022347	7114454	7120067	7085622	0.77	cps
Indium	115-2	1306650	1307819	1322448	1312306	0.67	cps
Iron	56-2	29385	29564	29074	29341	0.85	cps
Iron	57-2	3506	3517	3495	3506	0.32	cps
Lead	206-1	1322	1217	1306	1282	4.43	cps
Lead	207-1	1211	1145	1283	1213	5.73	cps
Lead	208-1	5212	5145	5662	5339	5.26	cps
Lithium	6-1	1573883	1586723	1597193	1585933	0.74	cps
Magnesium	24-2	933427	928229	935865	932507	0.42	cps
Manganese	55-2	35770	35907	36502	36060	1.08	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-W-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:22:32	DataFile Name :	047SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2892	2842	3084	2939	4.34	cps
Molybdenum	95-1	3359	3376	3459	3398	1.58	cps
Molybdenum	96-1	4092	3967	3759	3940	4.28	cps
Molybdenum	97-1	2242	2067	2184	2164	4.12	cps
Molybdenum	98-1	5510	5785	5693	5663	2.47	cps
Neodymium	150-1	120	127	133	127	5.27	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	1300	1217	1237	1251	3.48	cps
Phosphorus	31-2	167	200	192	186	9.32	cps
Potassium	39-2	400834	399447	408614	402965	1.23	cps
Rhodium	103-1	6094236	6114429	6047805	6085490	0.56	cps
Rhodium	103-2	2694025	2688668	2699214	2693969	0.20	cps
Scandium	45-1	3625950	3575678	3612501	3604710	0.72	cps
Scandium	45-2	145436	143854	145698	144996	0.69	cps
Selenium	77-2	13	13	13	13	0.00	cps
Selenium	78-2	74	50	52	59	22.85	cps
Selenium	82-1	39	154	169	121	58.96	cps
Silicon	28-1	22073751	22196060	22344803	22204871	0.61	cps
Silver	109-1	2375	2392	2559	2442	4.15	cps
Silver	107-1	2484	2375	2425	2428	2.23	cps
Sodium	23-2	5733048	5701013	5712764	5715608	0.28	cps
Strontium	86-1	904451	908433	910242	907709	0.33	cps
Strontium	88-1	7932767	8052363	8036442	8007191	0.81	cps
Sulfur	34-1	455061	457181	455586	455943	0.24	cps
Terbium	159-1	9681987	9826010	9903387	9803794	1.15	cps
Terbium	159-2	4542026	4546390	4561456	4549957	0.22	cps
Thallium	203-1	125	133	158	139	12.49	cps
Thallium	205-1	275	250	175	233	22.30	cps
Tin	118-1	6452	6535	6927	6638	3.82	cps
Titanium	47-1	808	608	767	728	14.50	cps
Uranium	238-1	17871	18330	19390	18531	4.20	cps
Vanadium	51-2	3217	3184	3184	3195	0.60	cps
Yttrium	89-1	6979848	6959056	6973449	6970784	0.15	cps
Yttrium	89-2	940986	937381	942552	940306	0.28	cps
Zinc	66-2	4227	4151	4374	4251	2.67	cps
Zirconium	90-1	2909	2567	2642	2706	6.64	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-W-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:22:32	DataFile Name :	047SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	633	642	592	622	4.31	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0424-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:25:59	DataFile Name :	048SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	83	208	136	47.56	cps
Antimony	121-1	12298	11914	12364	12192	1.99	cps
Arsenic	75-2	387	420	457	422	8.35	cps
Barium	135-1	115049	115409	114453	114970	0.42	cps
Barium	137-1	199122	202243	201810	201059	0.84	cps
Beryllium	9-1	189	189	183	187	1.72	cps
Bismuth	209-1	6156304	6122847	6096419	6125190	0.49	cps
Bismuth	209-2	3551135	3562200	3584309	3565882	0.47	cps
Boron	10-1	19013	19555	19096	19221	1.52	cps
Boron	11-1	95895	98286	99141	97774	1.72	cps
Cadmium	111-1	1589	1544	1564	1565	1.45	cps
Cadmium	106-1	2267	2159	2209	2211	2.45	cps
Cadmium	108-1	21	25	17	21	19.99	cps
Calcium	43-1	1464589	1463697	1459833	1462706	0.17	cps
Calcium	44-1	23974383	23754721	23827249	23852118	0.47	cps
Chromium	52-2	1330	1217	1173	1240	6.52	cps
Cobalt	59-2	260	333	297	297	12.36	cps
Copper	63-2	12359	12262	12149	12256	0.86	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	17	58	58	44	54.12	cps
Erbium	164-2	20	30	37	29	29.04	cps
Gadolinium	160-1	25	8	33	22	57.29	cps
Gadolinium	160-2	77	67	67	70	8.25	cps
Holmium	165-1	9330548	9509024	9446413	9428662	0.96	cps
Holmium	165-2	4616699	4610189	4620182	4615690	0.11	cps
Indium	115-1	7049138	7049567	7035636	7044780	0.11	cps
Indium	115-2	1302570	1303385	1308415	1304790	0.24	cps
Iron	56-2	16170	16315	15909	16131	1.28	cps
Iron	57-2	3173	3306	3223	3234	2.08	cps
Lead	206-1	1456	1339	1411	1402	4.20	cps
Lead	207-1	1222	1172	1100	1165	5.28	cps
Lead	208-1	5395	5501	5417	5438	1.02	cps
Lithium	6-1	1556648	1549918	1557574	1554713	0.27	cps
Magnesium	24-2	885015	881745	888378	885046	0.37	cps
Manganese	55-2	12796	12609	12949	12785	1.33	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0424-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:25:59	DataFile Name :	048SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2600	2534	2775	2636	4.74	cps
Molybdenum	95-1	3559	2892	3259	3237	10.32	cps
Molybdenum	96-1	3342	3551	3826	3573	6.79	cps
Molybdenum	97-1	1942	2175	1959	2025	6.43	cps
Molybdenum	98-1	5176	5260	5076	5171	1.78	cps
Neodymium	150-1	93	93	67	84	18.23	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1290	1287	1230	1269	2.66	cps
Phosphorus	31-2	175	117	117	136	24.75	cps
Potassium	39-2	362077	361726	363660	362487	0.28	cps
Rhodium	103-1	6072637	6083257	6068279	6074724	0.13	cps
Rhodium	103-2	2673995	2683059	2692670	2683241	0.35	cps
Scandium	45-1	3575882	3589848	3569187	3578306	0.29	cps
Scandium	45-2	144200	142618	143147	143322	0.56	cps
Selenium	77-2	0	10	17	9	94.38	cps
Selenium	78-2	63	59	72	65	10.30	cps
Selenium	82-1	121	169	130	140	18.44	cps
Silicon	28-1	23563161	23467587	23609820	23546856	0.31	cps
Silver	109-1	2192	2125	2159	2159	1.54	cps
Silver	107-1	2475	2400	2425	2434	1.57	cps
Sodium	23-2	5627703	5568298	5622605	5606202	0.59	cps
Strontium	86-1	869656	874879	875287	873274	0.36	cps
Strontium	88-1	7683282	7713378	7678731	7691797	0.24	cps
Sulfur	34-1	434278	428559	432819	431885	0.69	cps
Terbium	159-1	9866410	9764500	9929470	9853460	0.84	cps
Terbium	159-2	4539368	4531997	4544628	4538664	0.14	cps
Thallium	203-1	92	92	117	100	14.43	cps
Thallium	205-1	167	125	233	175	31.23	cps
Tin	118-1	6043	5935	5827	5935	1.83	cps
Titanium	47-1	775	842	642	753	13.53	cps
Uranium	238-1	22036	22604	22262	22301	1.28	cps
Vanadium	51-2	3057	3080	3270	3136	3.73	cps
Yttrium	89-1	6795754	6910980	6970158	6892297	1.29	cps
Yttrium	89-2	935437	930107	933560	933034	0.29	cps
Zinc	66-2	4381	4464	4581	4475	2.25	cps
Zirconium	90-1	2284	2275	2092	2217	4.89	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	I4125-17	Instrumnet Name :	P7
Client Sample ID :	DUP-0424-170706	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:25:59	DataFile Name :	048SMPL_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	400	442	447	11.23	cps

LB Number : LB88678 Operator : Jaswal
 Lab Sample ID : CCV08 Instrumnet Name : P7
 Client Sample ID : CCV08 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-12 16:43:16 DataFile Name : 049CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3056337	3068621	3090972	3071977	0.57	cps
Antimony	121-1	4292040	4299671	4325274	4305662	0.40	cps
Arsenic	75-2	117294	117133	118466	117631	0.62	cps
Barium	135-1	5119359	5113871	5108717	5113982	0.10	cps
Barium	137-1	8927880	8882422	8807324	8872542	0.69	cps
Beryllium	9-1	593299	591034	592138	592157	0.19	cps
Bismuth	209-1	5588337	5627267	5680396	5632000	0.82	cps
Bismuth	209-2	3443525	3489088	3479104	3470572	0.69	cps
Boron	10-1	63609	63567	65937	64371	2.11	cps
Boron	11-1	314107	316353	320466	316975	1.02	cps
Cadmium	111-1	955521	962148	970584	962751	0.78	cps
Cadmium	106-1	104836	107875	105332	106014	1.54	cps
Cadmium	108-1	68925	69344	70168	69479	0.91	cps
Calcium	43-1	5342293	5338502	5331696	5337497	0.10	cps
Calcium	44-1	86248627	85536850	85504537	85763338	0.49	cps
Chromium	52-2	1019040	1026743	1030875	1025553	0.59	cps
Cobalt	59-2	1598502	1615813	1614276	1609530	0.60	cps
Copper	63-2	2111347	2125686	2140413	2125815	0.68	cps
Dysprosium	156-1	175	183	167	175	4.76	cps
Dysprosium	156-2	103	77	97	92	15.05	cps
Erbium	164-1	67	67	117	83	34.64	cps
Erbium	164-2	47	23	40	37	32.79	cps
Gadolinium	160-1	100	108	92	100	8.33	cps
Gadolinium	160-2	103	90	113	102	11.45	cps
Holmium	165-1	9217577	9247937	9268741	9244751	0.28	cps
Holmium	165-2	4789480	4806247	4832846	4809525	0.45	cps
Indium	115-1	6709487	6837669	6862169	6803108	1.21	cps
Indium	115-2	1335598	1343338	1356530	1345155	0.79	cps
Iron	56-2	208926871	208701194	208557310	208728458	0.09	cps
Iron	57-2	5188904	5248711	5269899	5235838	0.80	cps
Lead	206-1	3154923	3134722	3159323	3149656	0.42	cps
Lead	207-1	2854537	2867409	2853737	2858561	0.27	cps
Lead	208-1	12985317	12900862	12973502	12953227	0.35	cps
Lithium	6-1	1449808	1455978	1471445	1459077	0.76	cps
Magnesium	24-2	34190836	34414602	34405875	34337104	0.37	cps
Manganese	55-2	1171338	1178031	1181382	1176917	0.43	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:43:16	DataFile Name :	049CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3494470	3504438	3493817	3497575	0.17	cps
Molybdenum	95-1	1868534	1869273	1858972	1865593	0.31	cps
Molybdenum	96-1	2403177	2405974	2377468	2395540	0.66	cps
Molybdenum	97-1	1165723	1171164	1155387	1164091	0.69	cps
Molybdenum	98-1	3034061	3043834	3025653	3034516	0.30	cps
Neodymium	150-1	420	420	533	458	14.29	cps
Neodymium	150-2	63	53	43	53	18.75	cps
Nickel	60-2	411128	417243	417305	415226	0.85	cps
Phosphorus	31-2	32093	32444	32612	32383	0.82	cps
Potassium	39-2	18544905	18409429	18457798	18470710	0.37	cps
Rhodium	103-1	5766785	5818510	5812255	5799183	0.49	cps
Rhodium	103-2	2670466	2685457	2708962	2688295	0.72	cps
Scandium	45-1	3991788	4001408	4022253	4005150	0.39	cps
Scandium	45-2	168751	171604	171152	170503	0.90	cps
Selenium	77-2	2450	2414	2464	2442	1.06	cps
Selenium	78-2	8262	8289	8323	8291	0.37	cps
Selenium	82-1	53559	53420	52951	53310	0.60	cps
Silicon	28-1	3161655	3238306	3290073	3230011	2.00	cps
Silver	109-1	4593546	4594769	4620989	4603101	0.34	cps
Silver	107-1	4803171	4795584	4824729	4807828	0.31	cps
Sodium	23-2	65424545	65931406	65844145	65733365	0.41	cps
Strontium	86-1	1275680	1270118	1272824	1272874	0.22	cps
Strontium	88-1	11073638	11125836	11138180	11112551	0.31	cps
Sulfur	34-1	544631	543702	544071	544135	0.09	cps
Terbium	159-1	9432662	9678180	9537799	9549547	1.29	cps
Terbium	159-2	4676006	4728425	4761903	4722111	0.92	cps
Thallium	203-1	3956410	3927977	3968773	3951053	0.53	cps
Thallium	205-1	9465608	9388222	9513575	9455802	0.67	cps
Tin	118-1	3177397	3184829	3220630	3194285	0.72	cps
Titanium	47-1	501287	492840	499658	497928	0.90	cps
Uranium	238-1	14057573	14028530	14087375	14057826	0.21	cps
Vanadium	51-2	844187	846629	846166	845661	0.15	cps
Yttrium	89-1	6994037	7054012	7063724	7037258	0.54	cps
Yttrium	89-2	1022537	1028497	1033108	1028047	0.52	cps
Zinc	66-2	292928	295476	298780	295728	0.99	cps
Zirconium	90-1	6671850	6700291	6688452	6686864	0.21	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:43:16	DataFile Name :	049CCV_P7071217 -MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1461840	1470400	1468257	1466832	0.30	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:49:00	DataFile Name :	050CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	67	44	43.31	cps
Antimony	121-1	3284	3084	3184	3184	3.14	cps
Arsenic	75-2	31	26	31	30	10.81	cps
Barium	135-1	50	50	50	50	0.00	cps
Barium	137-1	108	117	42	89	46.24	cps
Beryllium	9-1	389	406	417	404	3.46	cps
Bismuth	209-1	6244547	6278058	6161431	6228012	0.96	cps
Bismuth	209-2	3817949	3842755	3776598	3812434	0.88	cps
Boron	10-1	2075	2117	2059	2084	1.44	cps
Boron	11-1	9662	9278	9170	9370	2.76	cps
Cadmium	111-1	1822	1854	1620	1765	7.20	cps
Cadmium	106-1	2575	2634	2300	2503	7.11	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	142	142	133	139	3.46	cps
Calcium	44-1	4901	4693	4784	4793	2.18	cps
Chromium	52-2	340	337	323	333	2.65	cps
Cobalt	59-2	83	77	90	83	8.00	cps
Copper	63-2	1443	1393	1450	1429	2.17	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	17	25	33	66.14	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	60	73	60	64	11.94	cps
Holmium	165-1	9560485	9525759	9405148	9497131	0.86	cps
Holmium	165-2	4831318	4873165	4746707	4817063	1.34	cps
Indium	115-1	7263607	7403665	7241838	7303037	1.20	cps
Indium	115-2	1425198	1431900	1411263	1422787	0.74	cps
Iron	56-2	8269	7991	8330	8197	2.20	cps
Iron	57-2	417	244	317	326	26.54	cps
Lead	206-1	1139	1067	1072	1093	3.68	cps
Lead	207-1	1050	972	978	1000	4.34	cps
Lead	208-1	4717	4300	4506	4508	4.62	cps
Lithium	6-1	1534681	1546981	1519805	1533822	0.89	cps
Magnesium	24-2	1200	1342	1400	1314	7.83	cps
Manganese	55-2	313	317	327	319	2.17	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:49:00	DataFile Name :	050CCBE_P7071217 -M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	917	958	908	928	2.89	cps
Molybdenum	95-1	392	450	492	444	11.30	cps
Molybdenum	96-1	625	492	517	544	13.02	cps
Molybdenum	97-1	250	242	217	236	7.35	cps
Molybdenum	98-1	683	667	733	694	5.00	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	533	497	460	497	7.38	cps
Phosphorus	31-2	67	133	150	117	37.80	cps
Potassium	39-2	24871	23611	24621	24368	2.74	cps
Rhodium	103-1	6425360	6539703	6408260	6457774	1.11	cps
Rhodium	103-2	2939157	2967964	2906585	2937902	1.05	cps
Scandium	45-1	4073704	4077990	4044739	4065478	0.44	cps
Scandium	45-2	166989	167764	166639	167131	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	35	39	41	16.39	cps
Selenium	82-1	-13	-77	53	-12	-517.77	cps
Silicon	28-1	226153	224826	224233	225071	0.44	cps
Silver	109-1	350	433	433	406	11.86	cps
Silver	107-1	550	1547	542	880	65.73	cps
Sodium	23-2	15492	16051	16126	15890	2.18	cps
Strontium	86-1	1592	1342	1317	1417	10.74	cps
Strontium	88-1	158	175	300	211	36.68	cps
Sulfur	34-1	239742	236644	240385	238924	0.84	cps
Terbium	159-1	9793775	9900161	9753149	9815695	0.77	cps
Terbium	159-2	4774544	4790112	4725843	4763500	0.70	cps
Thallium	203-1	225	417	333	325	29.57	cps
Thallium	205-1	650	767	717	711	8.23	cps
Tin	118-1	2134	2192	2401	2242	6.28	cps
Titanium	47-1	67	75	83	75	11.11	cps
Uranium	238-1	217	133	217	189	25.47	cps
Vanadium	51-2	17	30	50	32	52.06	cps
Yttrium	89-1	7267455	7319460	7222065	7269660	0.67	cps
Yttrium	89-2	1032696	1044907	1019804	1032469	1.22	cps
Zinc	66-2	227	310	250	262	16.40	cps
Zirconium	90-1	1975	1967	1767	1903	6.20	cps

LB Number :	LB88678	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-12 16:49:00	DataFile Name :	050CCBE_P7071217 -M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	458	342	447	22.46	cps