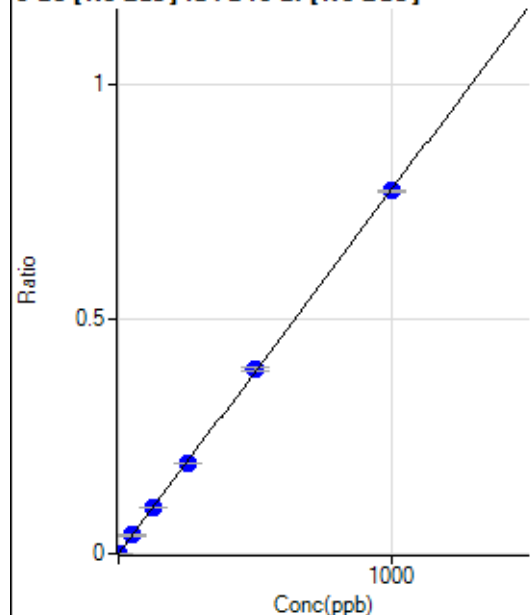


Batch Folder: D:\ICP-MS Data\P7080217-MS.b\
Analysis File: P7080217-MS.batch.bin
DA Date-Time: 2017-08-03 11:37:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-08-02 14:44:48
2			
3	005CALS.d	S02	2017-08-02 14:52:21
4	006CALS.d	S03	2017-08-02 14:56:10
5	007CALS.d	S04	2017-08-02 14:59:58
6	008CALS.d	S05	2017-08-02 15:03:44
7	009CALS.d	S06	2017-08-02 15:07:25
8	010CALS.d	S07	2017-08-02 15:11:04
9	011CALS.d	S08	2017-08-02 15:14:39

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.85	0.0000	P	40.6
2	☐	0.100					
3	☐	1.000	0.856	813.01	0.0007	P	13.3
4	☐	50.000	50.661	50469.33	0.0394	P	2.7
5	☐	125.000	127.306	123540.86	0.0989	P	0.1
6	☐	250.000	249.544	244835.11	0.1938	P	0.8
7	☐	500.000	506.089	474722.06	0.3930	P	2.0
8	☐	1000.000	996.748	931258.54	0.7739	P	0.2
9	☐			1353.80	0.0012	P	15.4

$$y = 7.7641\text{E-}004 * x + 4.1078\text{E-}005$$

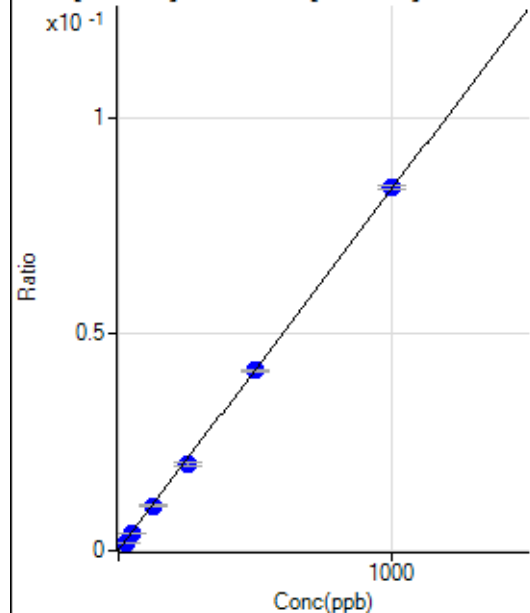
$$R = 1.0000$$

$$DL = 0.06439$$

$$BEC = 0.05291$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0001	P	40.9
2	☐	2.500					
3	☐	25.000	20.348	2047.44	0.0018	P	4.2
4	☐	50.000	46.320	5048.31	0.0039	P	4.2
5	☐	125.000	122.697	12867.09	0.0103	P	3.5
6	☐	250.000	240.013	25349.80	0.0201	P	3.6
7	☐	500.000	498.289	50231.64	0.0416	P	1.6
8	☐	1000.000	1003.941	100691.90	0.0837	P	0.9
9	☐			6493.32	0.0056	P	6.2

$$y = 8.3271\text{E-}005 * x + 8.1483\text{E-}005$$

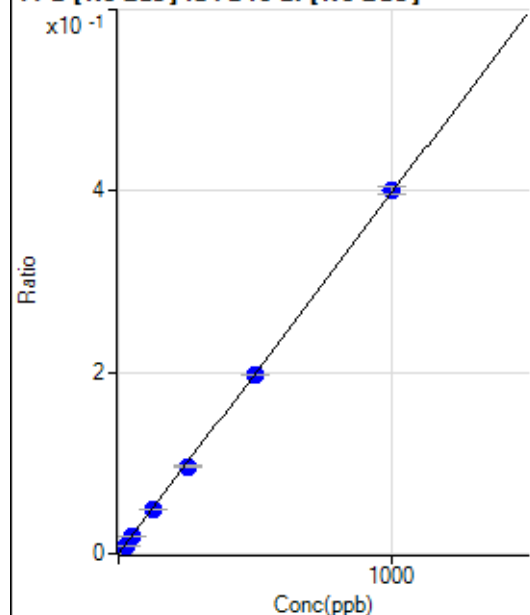
$$R = 1.0000$$

$$DL = 1.201$$

$$BEC = 0.9785$$

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	222.24	0.0002	P	51.8
2	☐	2.500					
3	☐	25.000	21.641	10131.62	0.0088	P	4.5
4	☐	50.000	47.365	24381.52	0.0190	P	3.3
5	☐	125.000	121.482	60614.06	0.0485	P	1.7
6	☐	250.000	240.842	121302.67	0.0960	P	1.8
7	☐	500.000	494.998	238193.27	0.1971	P	0.9
8	☐	1000.000	1005.446	481643.66	0.4003	P	2.0
9	☐			29777.51	0.0255	P	5.3

$$y = 3.9793\text{E-}004 * x + 1.7540\text{E-}004$$

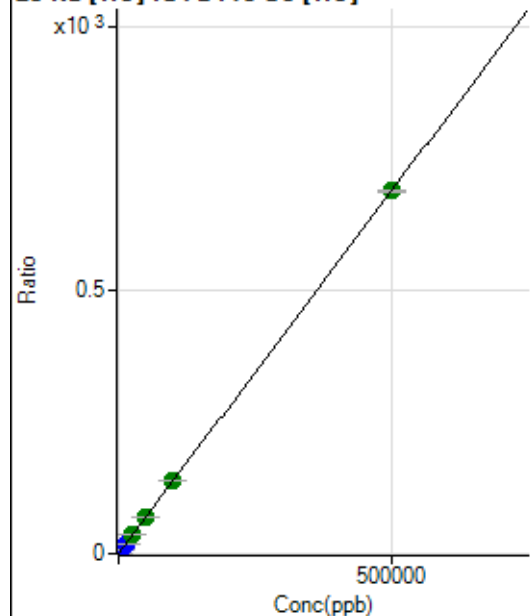
$$R = 0.9999$$

$$DL = 0.685$$

$$BEC = 0.4408$$

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	7905.15	0.0465	P	5.1
2	☐	50.000					
3	☐	500.000	473.080	110785.22	0.6989	P	2.8
4	☐	5000.000	5315.782	1233794.43	7.3765	P	4.3
5	☐	12500.000	13006.131	3089892.67	17.9809	P	1.0
6	☐	25000.000	25419.074	6006141.63	35.0972	A	0.5
7	☐	50000.000	50270.050	11733676.22	69.3645	A	1.1
8	☐	100000.00	99803.863	22783988.01	137.6673	A	0.3
9	☐	500000.00	499975.48	117070177.6	689.4689	A	0.7

$$y = 0.0014 * x + 0.0465$$

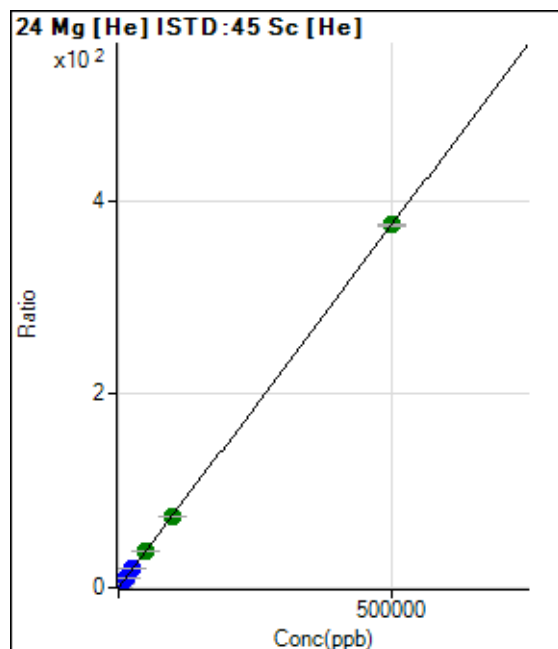
$$R = 1.0000$$

$$DL = 5.209$$

$$BEC = 33.76$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2575.33	0.0152	P	7.7
2	☐	50.000					
3	☐	500.000	449.105	55735.16	0.3515	P	1.0
4	☐	5000.000	5259.882	661587.35	3.9548	P	3.6
5	☐	12500.000	12747.011	1643281.41	9.5626	P	0.9
6	☐	25000.000	25499.819	3270984.58	19.1145	P	0.9
7	☐	50000.000	49738.313	6304560.52	37.2690	A	0.8
8	☐	100000.00	98533.784	12216378.57	73.8167	A	0.7
9	☐	500000.00	500285.69	63628582.67	374.7278	A	0.5

$$y = 7.4900\text{E-}004 * x + 0.0152$$

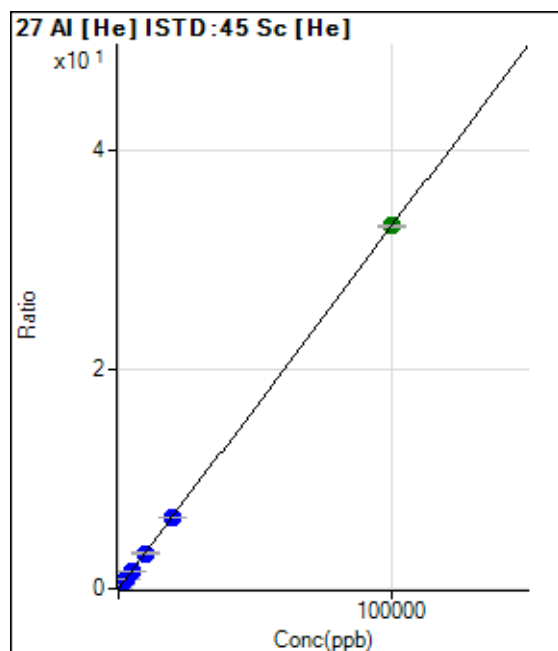
$$R = 1.0000$$

$$DL = 4.693$$

$$BEC = 20.25$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0002	P	46.1
2	☐	2.000					
3	☐	20.000	17.892	975.07	0.0062	P	3.3
4	☐	1000.000	1039.523	57569.78	0.3443	P	5.2
5	☐	2500.000	2506.462	142602.20	0.8298	P	0.5
6	☐	5000.000	4987.153	282505.90	1.6508	P	1.0
7	☐	10000.000	9783.116	547765.70	3.2382	P	1.1
8	☐	20000.000	19515.988	1069031.71	6.4594	P	0.4
9	☐	100000.00	100118.57	5626558.81	33.1365	A	0.8

$$y = 3.3097\text{E-}004 * x + 2.2980\text{E-}004$$

$$R = 1.0000$$

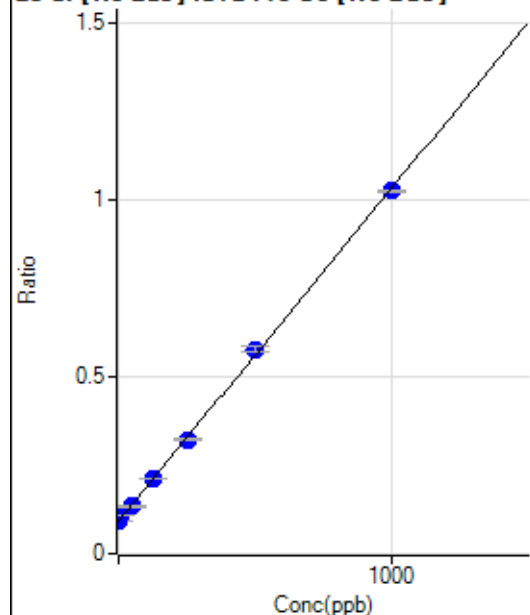
$$DL = 0.9596$$

$$BEC = 0.6943$$

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	352095.48	0.0919	P	2.7
2	☐	1.000					
3	☐	10.000	19.318	381854.72	0.1101	P	0.9
4	☐	50.000	44.248	518989.96	0.1335	P	1.6
5	☐	125.000	126.171	788991.00	0.2105	P	0.8
6	☐	250.000	245.382	1251644.93	0.3225	P	0.9
7	☐	500.000	517.266	2130893.45	0.5779	P	2.9
8	☐	1000.000	992.569	3886017.28	1.0244	P	0.5
9	☐			382090.25	0.1034	P	0.4

$$y = 9.3948\text{E-}004 * x + 0.0919$$

$$R = 0.9997$$

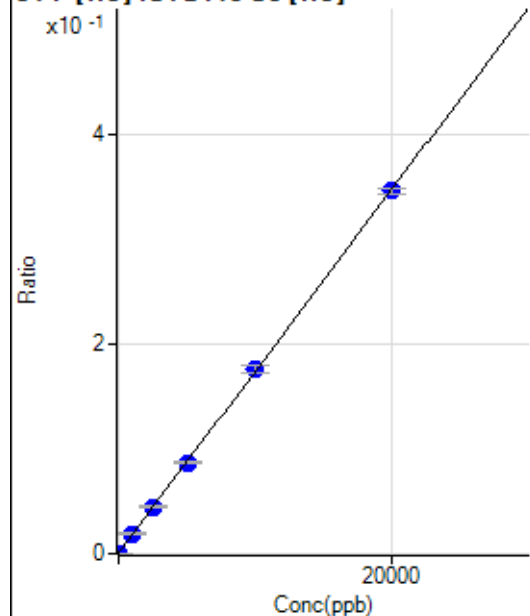
$$DL = 7.984$$

$$BEC = 97.87$$

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	-1.766	100.00	0.0006	P	21.0
2	☐	0.000					
3	☐	0.000	1.766	102.78	0.0006	P	23.7
4	☐	1000.000	1068.597	3200.50	0.0191	P	4.2
5	☐	2500.000	2524.521	7613.39	0.0443	P	3.1
6	☐	5000.000	4967.633	14813.48	0.0866	P	2.9
7	☐	10000.000	10127.204	29738.86	0.1758	P	3.9
8	☐	20000.000	19937.995	57196.80	0.3456	P	1.5
9	☐			200.01	0.0012	P	11.6

$$y = 1.7302\text{E-}005 * x + 6.1808\text{E-}004$$

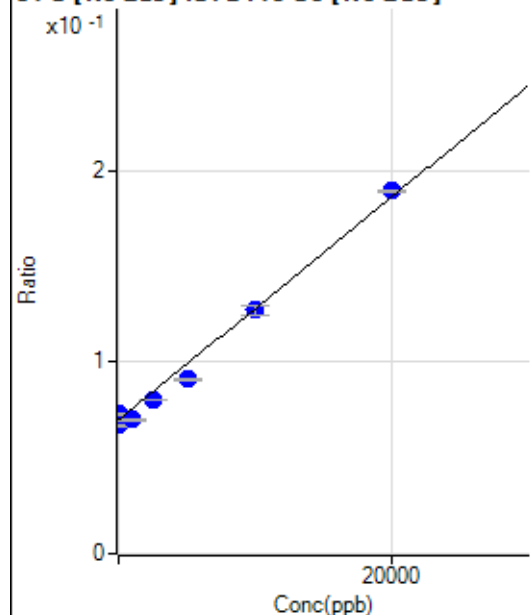
$$R = 1.0000$$

$$DL = 24.02$$

$$BEC = 35.72$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-519.069	256032.72	0.0669	P	2.4
2	☐	0.000					
3	☐	0.000	519.069	252818.65	0.0729	P	0.5
4	☐	1000.000	6.188	271744.55	0.0699	P	1.5
5	☐	2500.000	1763.742	300347.59	0.0801	P	0.8
6	☐	5000.000	3617.529	352832.22	0.0909	P	0.5
7	☐	10000.000	9883.439	469384.09	0.1273	P	3.9
8	☐	20000.000	20545.621	718037.42	0.1893	P	0.8
9	☐			234260.09	0.0634	P	1.1

$$y = 5.8125\text{E-}006 * x + 0.0699$$

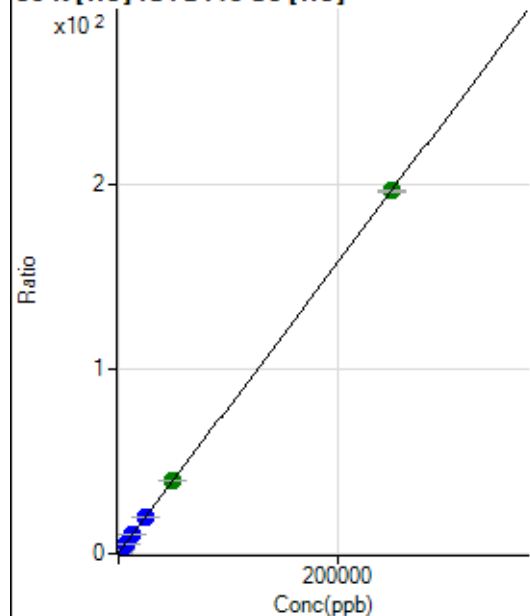
$$R = 0.9963$$

$$DL = 504.8$$

$$BEC = 1.202\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32486.44	0.1912	P	1.8
2	☐	50.000					
3	☐	500.000	474.793	89407.63	0.5639	P	0.7
4	☐	2500.000	2608.192	374427.00	2.2387	P	4.3
5	☐	6250.000	6344.371	888690.50	5.1716	P	1.1
6	☐	12500.000	12682.697	1736476.38	10.1472	P	0.2
7	☐	25000.000	25475.796	3415356.15	20.1898	P	0.9
8	☐	50000.000	49883.983	6512677.31	39.3503	A	0.2
9	☐	250000.00	249963.09	33350753.17	196.4129	A	0.5

$$y = 7.8500\text{E-}004 * x + 0.1912$$

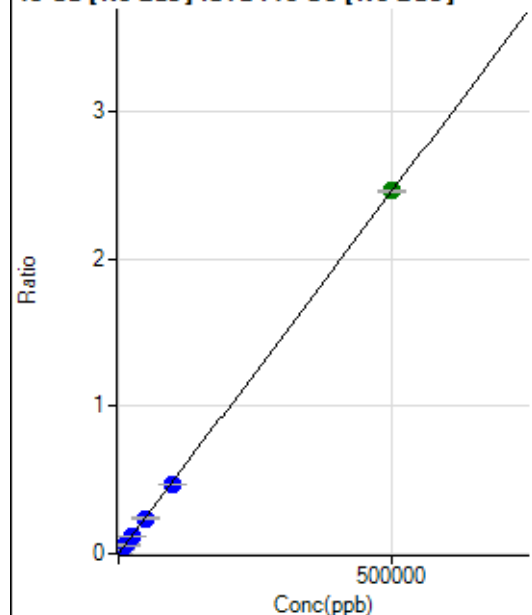
$$R = 1.0000$$

$$DL = 13.44$$

$$BEC = 243.6$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.79	0.0000	P	14.4
2	☐	50.000					
3	☐	500.000	408.285	7074.20	0.0020	P	2.7
4	☐	5000.000	4679.315	89509.02	0.0230	P	1.7
5	☐	12500.000	12040.702	221908.82	0.0592	P	1.7
6	☐	25000.000	23383.991	446130.02	0.1149	P	1.2
7	☐	50000.000	48558.454	879830.80	0.2386	P	3.7
8	☐	100000.00	94677.744	1764958.20	0.4653	P	0.3
9	☐	500000.00	501304.18	9106013.05	2.4634	A	0.4

$$y = 4.9140\text{E-}006 * x + 3.3294\text{E-}005$$

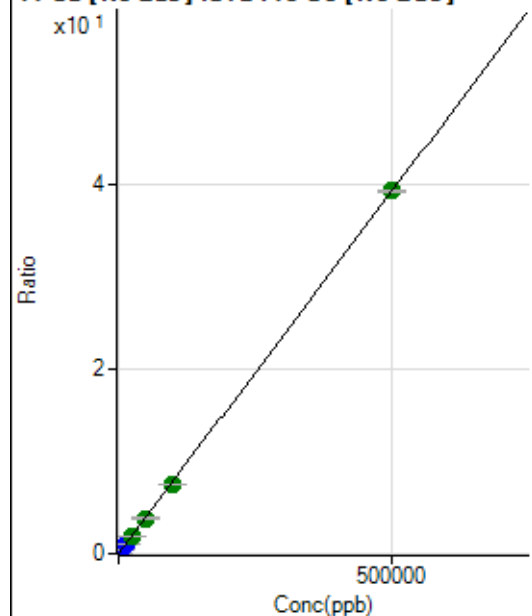
$$R = 0.9999$$

$$DL = 2.937$$

$$BEC = 6.775$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3950.72	0.0010	P	2.6
2	☐	50.000					
3	☐	500.000	425.397	119244.70	0.0344	P	1.0
4	☐	5000.000	4765.590	1456082.58	0.3746	P	2.1
5	☐	12500.000	12301.544	3618673.95	0.9654	P	1.1
6	☐	25000.000	23608.840	7187512.57	1.8518	A	0.7
7	☐	50000.000	48746.862	14093880.87	3.8224	A	3.0
8	☐	100000.00	95510.994	28405705.15	7.4883	A	0.8
9	☐	500000.00	501100.05	145209687.9	39.2833	A	0.2

$$y = 7.8392\text{E-}005 * x + 0.0010$$

$$R = 1.0000$$

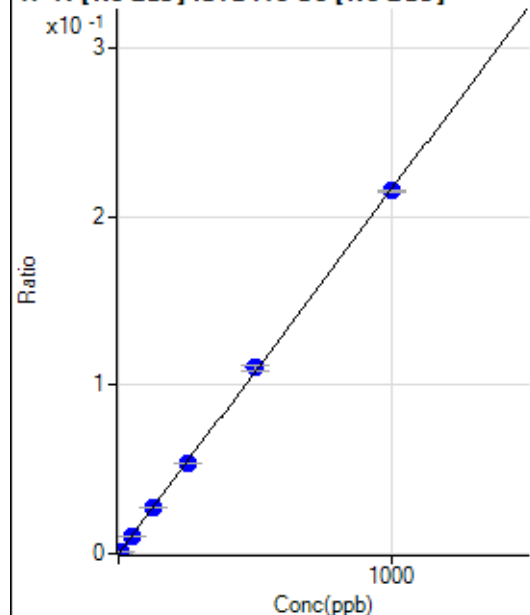
$$DL = 1.014$$

$$BEC = 13.15$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	20.2
2	☐	0.500					
3	☐	5.000	4.217	3214.38	0.0009	P	2.6
4	☐	50.000	49.290	41442.63	0.0107	P	2.8
5	☐	125.000	126.101	102163.32	0.0273	P	0.8
6	☐	250.000	247.112	207238.06	0.0534	P	0.2
7	☐	500.000	509.492	405800.47	0.1101	P	3.4
8	☐	1000.000	995.878	816038.67	0.2151	P	0.3
9	☐			2752.34	0.0007	P	76.8

$$y = 2.1600E-004 * x + 1.5938E-005$$

$$R = 0.9999$$

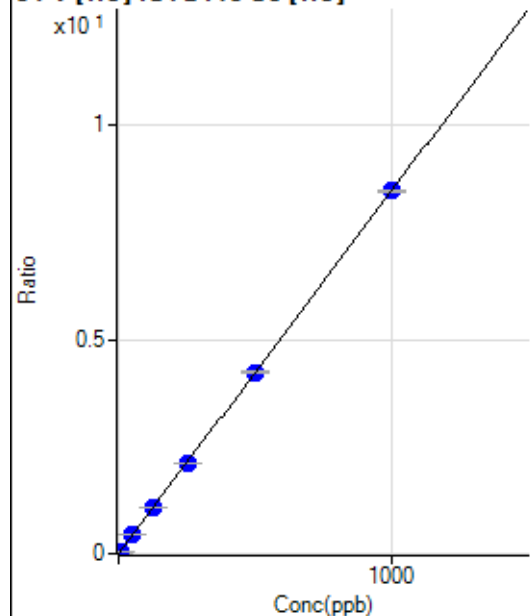
$$DL = 0.0447$$

$$BEC = 0.07379$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0001	P	32.6
2	☐	0.500					
3	☐	5.000	4.427	5947.95	0.0375	P	1.1
4	☐	50.000	51.501	72911.16	0.4358	P	3.6
5	☐	125.000	125.323	182237.22	1.0605	P	1.0
6	☐	250.000	250.818	363199.05	2.1224	P	0.2
7	☐	500.000	499.236	714604.73	4.2244	P	0.9
8	☐	1000.000	1000.065	1400481.11	8.4622	P	0.4
9	☐			786.70	0.0046	P	4.6

$$y = 0.0085 * x + 5.8732E-005$$

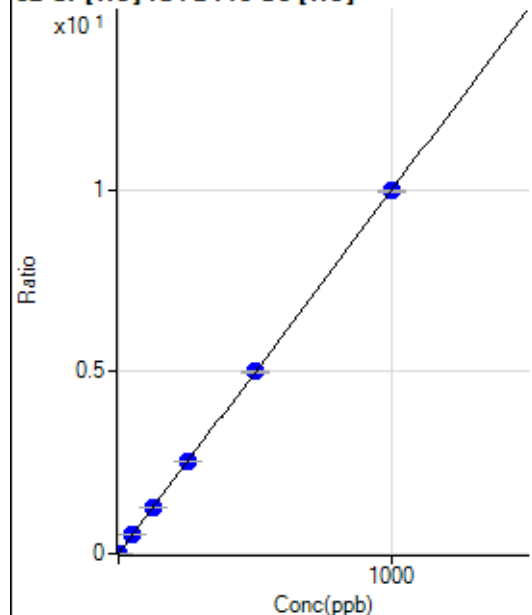
$$R = 1.0000$$

$$DL = 0.006783$$

$$BEC = 0.006941$$

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	577.80	0.0034	P	5.8
2	☐	0.200					
3	☐	2.000	1.992	3690.52	0.0233	P	5.8
4	☐	50.000	52.270	87813.55	0.5250	P	4.4
5	☐	125.000	126.426	217401.92	1.2651	P	0.7
6	☐	250.000	252.039	431014.39	2.5187	P	0.6
7	☐	500.000	501.580	847321.83	5.0090	P	1.1
8	☐	1000.000	998.409	1649582.75	9.9672	P	0.3
9	☐			50102.73	0.2951	P	0.9

$$y = 0.0100 * x + 0.0034$$

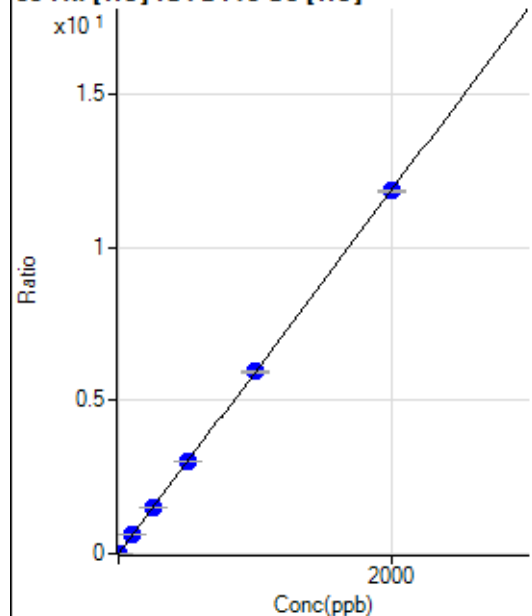
$$R = 1.0000$$

$$DL = 0.05904$$

$$BEC = 0.3409$$

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	103.34	0.0006	P	10.0
2	☐	0.100					
3	☐	1.000	0.932	973.38	0.0061	P	10.3
4	☐	100.000	104.294	103638.30	0.6195	P	3.6
5	☐	250.000	252.373	257478.17	1.4983	P	0.3
6	☐	500.000	505.699	513651.80	3.0016	P	0.6
7	☐	1000.000	1003.472	1007451.68	5.9555	P	0.9
8	☐	2000.000	1996.328	1960803.49	11.8474	P	0.4
9	☐			10827.47	0.0638	P	1.0

$$y = 0.0059 * x + 6.0878E-004$$

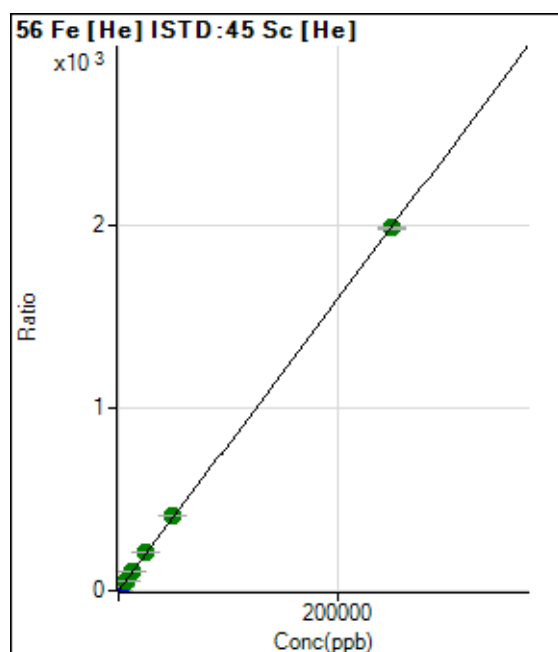
$$R = 1.0000$$

$$DL = 0.03088$$

$$BEC = 0.1026$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3261.57	0.0192	P	2.4
2	☐	5.000					
3	☐	50.000	47.563	63133.69	0.3982	P	0.6
4	☐	2500.000	2774.984	3702062.12	22.1319	P	3.9
5	☐	6250.000	6610.200	9054911.89	52.6931	A	1.0
6	☐	12500.000	13159.830	17948623.32	104.8844	A	0.6
7	☐	25000.000	26094.878	35178054.95	207.9585	A	1.2
8	☐	50000.000	51593.531	68046687.63	411.1467	A	0.2
9	☐	250000.00	249527.06	337624051.9	1,988.397	A	0.7

$$y = 0.0080 * x + 0.0192$$

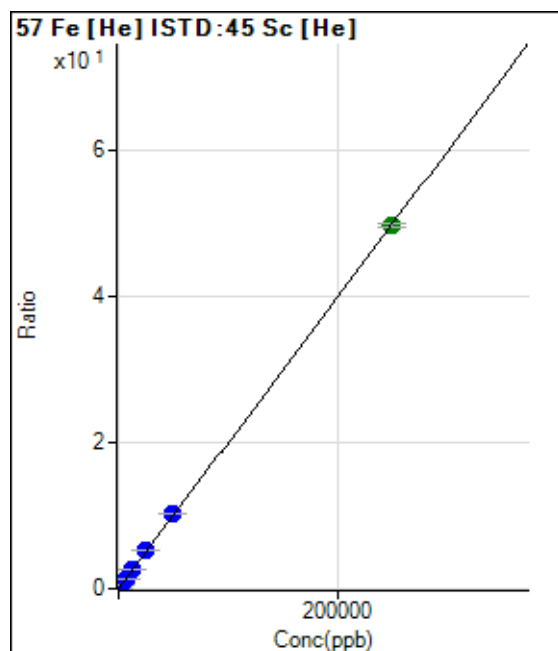
$$R = 1.0000$$

$$DL = 0.1764$$

$$BEC = 2.409$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	240.75	0.0014	P	12.9
2	☐	5.000					
3	☐	50.000	50.828	1826.09	0.0115	P	5.5
4	☐	2500.000	2727.569	90898.31	0.5434	P	3.8
5	☐	6250.000	6598.930	225564.47	1.3126	P	1.1
6	☐	12500.000	13216.979	449666.35	2.6277	P	0.5
7	☐	25000.000	26157.467	879468.19	5.1989	P	0.9
8	☐	50000.000	51741.575	1701746.55	10.2825	P	0.4
9	☐	250000.00	249489.09	8417544.46	49.5753	A	1.2

$$y = 1.9870E-004 * x + 0.0014$$

$$R = 1.0000$$

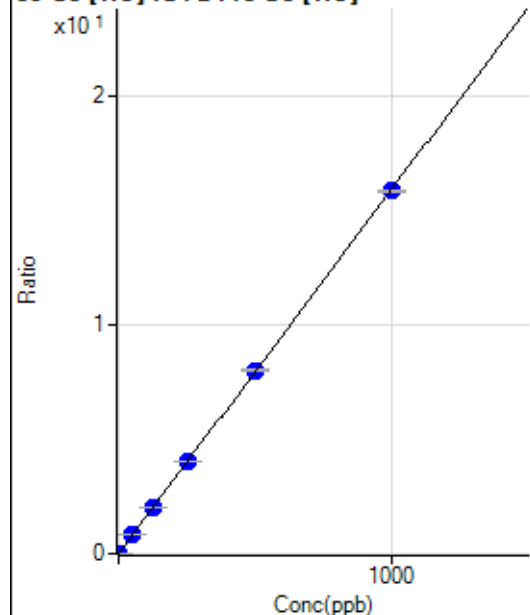
$$DL = 2.76$$

$$BEC = 7.14$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0005	P	13.9
2	☐	0.100					
3	☐	1.000	0.886	2308.00	0.0146	P	3.2
4	☐	50.000	52.483	139627.22	0.8347	P	3.8
5	☐	125.000	127.523	348395.84	2.0274	P	0.8
6	☐	250.000	254.994	693666.30	4.0535	P	0.5
7	☐	500.000	503.996	1355188.42	8.0113	P	1.1
8	☐	1000.000	996.314	2620892.79	15.8364	P	0.4
9	☐			4803.08	0.0283	P	2.0

$$y = 0.0159 * x + 4.7146E-004$$

$$R = 1.0000$$

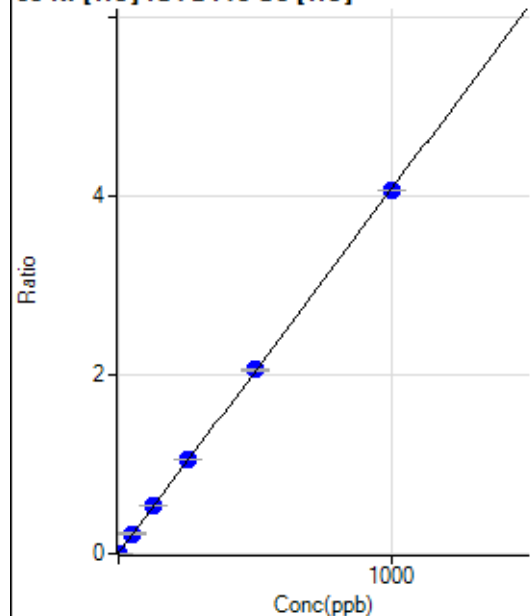
$$DL = 0.01239$$

$$BEC = 0.02966$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	566.69	0.0033	P	3.5
2	☐	0.100					
3	☐	1.000	0.897	1107.84	0.0070	P	2.2
4	☐	50.000	54.008	37336.51	0.2232	P	3.7
5	☐	125.000	129.876	91423.72	0.5320	P	0.8
6	☐	250.000	257.163	179713.28	1.0501	P	0.5
7	☐	500.000	505.027	348313.41	2.0591	P	1.3
8	☐	1000.000	994.886	670799.30	4.0531	P	0.1
9	☐			12065.12	0.0711	P	2.5

$$y = 0.0041 * x + 0.0033$$

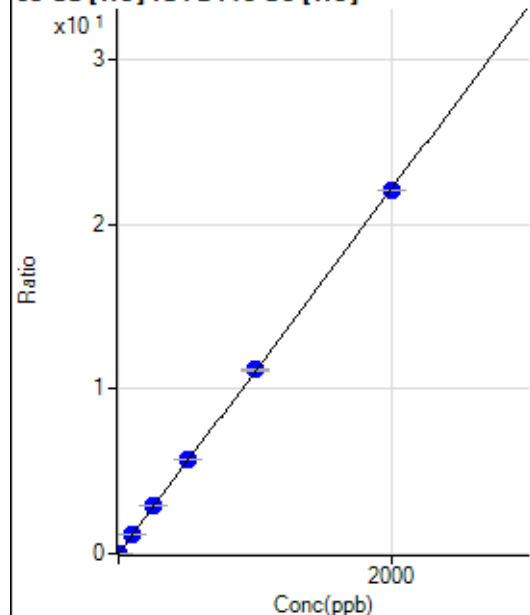
$$R = 0.9999$$

$$DL = 0.08699$$

$$BEC = 0.8196$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.90	0.0024	P	5.2
2	☐	0.200					
3	☐	2.000	2.113	4097.30	0.0258	P	2.9
4	☐	100.000	107.361	199545.90	1.1931	P	4.4
5	☐	250.000	260.124	496153.74	2.8873	P	0.9
6	☐	500.000	514.540	976937.81	5.7088	P	0.4
7	☐	1000.000	1010.536	1896217.82	11.2095	P	1.0
8	☐	2000.000	1989.463	3651997.45	22.0661	P	0.1
9	☐			8841.70	0.0521	P	3.8

$$y = 0.0111 * x + 0.0024$$

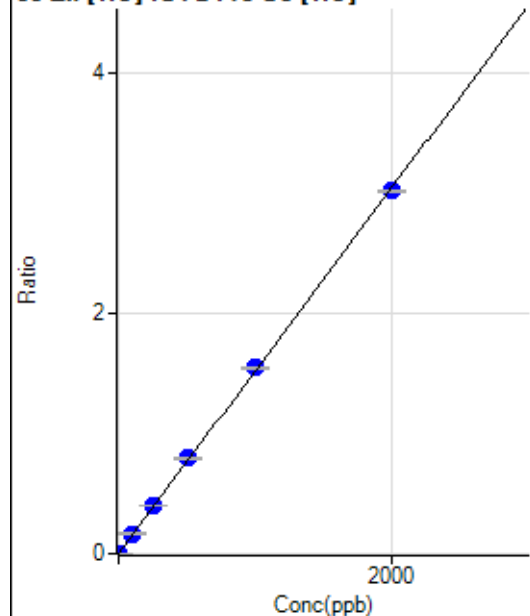
$$R = 0.9999$$

$$DL = 0.03391$$

$$BEC = 0.2171$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0003	P	47.7
2	☐	0.200					
3	☐	2.000	1.990	528.91	0.0033	P	7.7
4	☐	100.000	108.915	27769.90	0.1660	P	3.7
5	☐	250.000	262.212	68606.94	0.3992	P	0.5
6	☐	500.000	521.240	135754.66	0.7933	P	0.4
7	☐	1000.000	1015.642	261423.12	1.5454	P	1.3
8	☐	2000.000	1984.897	499812.23	3.0200	P	0.4
9	☐			4354.05	0.0256	P	0.7

$$y = 0.0015 * x + 3.0875E-004$$

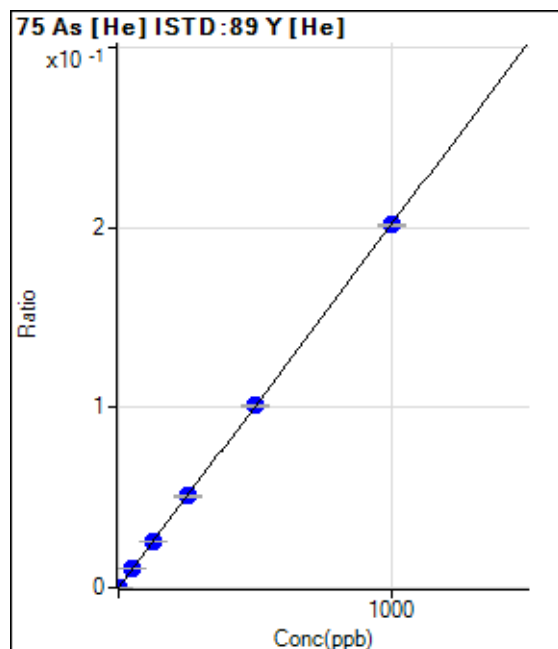
$$R = 0.9999$$

$$DL = 0.2907$$

$$BEC = 0.2029$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.32	0.0000	P	24.3
2	☐	0.100					
3	☐	1.000	0.874	164.82	0.0002	P	9.5
4	☐	50.000	52.015	10160.41	0.0105	P	5.1
5	☐	125.000	126.657	25529.87	0.0256	P	0.2
6	☐	250.000	252.264	50887.32	0.0509	P	0.8
7	☐	500.000	501.072	99628.05	0.1011	P	0.8
8	☐	1000.000	998.590	193382.08	0.2015	P	0.7
9	☐			170.99	0.0002	P	8.5

$$y = 2.0178\text{E-}004 * x + 4.3787\text{E-}006$$

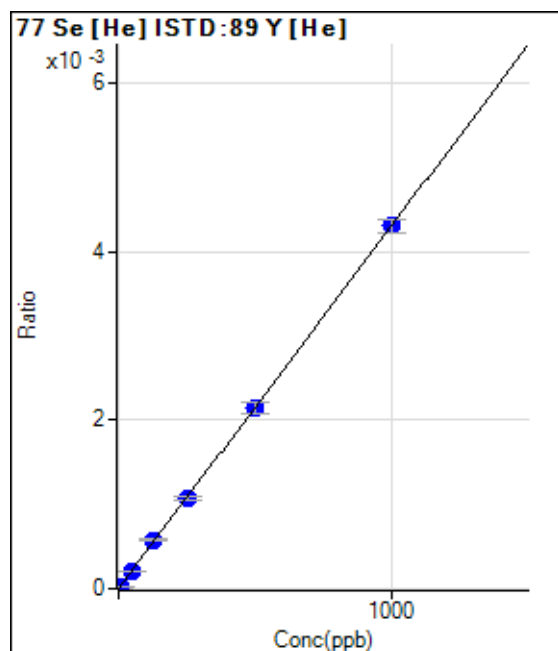
$$R = 1.0000$$

$$DL = 0.01581$$

$$BEC = 0.0217$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.139	22.22	0.0000	P	61.0
4	☐	50.000	47.647	201.12	0.0002	P	5.4
5	☐	125.000	133.730	577.80	0.0006	P	1.8
6	☐	250.000	248.130	1071.17	0.0011	P	4.0
7	☐	500.000	498.884	2120.19	0.0022	P	5.9
8	☐	1000.000	1000.051	4137.33	0.0043	P	3.4
9	☐			2.22	0.0000	P	86.6

$$y = 4.3094\text{E-}006 * x + 2.2603\text{E-}006$$

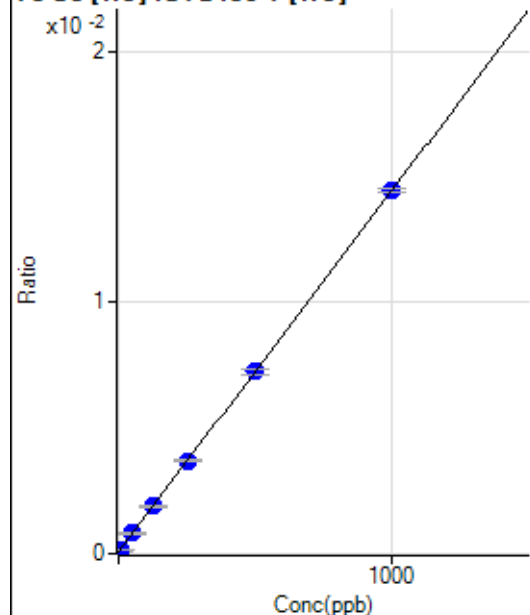
$$R = 0.9999$$

$$DL = 1.363$$

$$BEC = 0.5245$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.14	0.0001	P	8.5
2	☐	0.500					
3	☐	5.000	4.820	127.16	0.0001	P	9.9
4	☐	50.000	51.935	792.01	0.0008	P	10.2
5	☐	125.000	125.948	1879.15	0.0019	P	4.0
6	☐	250.000	252.143	3694.95	0.0037	P	2.9
7	☐	500.000	498.592	7133.90	0.0072	P	2.4
8	☐	1000.000	999.954	13865.96	0.0145	P	1.1
9	☐			79.63	0.0001	P	7.6

$$y = 1.4381\text{E-}005 * x + 7.0099\text{E-}005$$

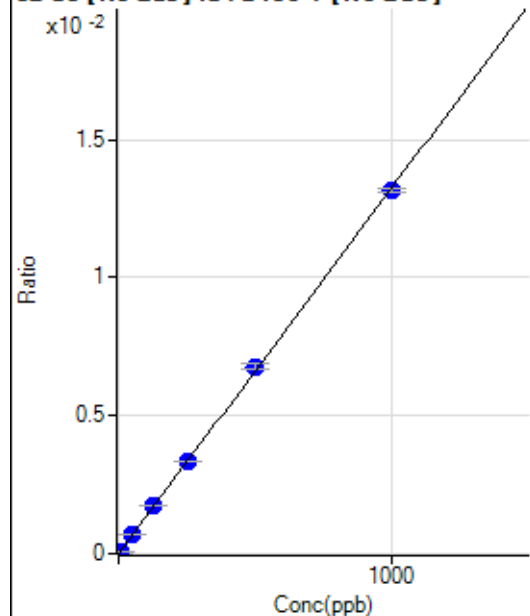
$$R = 1.0000$$

$$DL = 1.248$$

$$BEC = 4.874$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-10.62	0.0000	P	-348.
2	☐	0.500					
3	☐	5.000	4.514	347.13	0.0001	P	11.0
4	☐	50.000	52.158	4588.33	0.0007	P	1.6
5	☐	125.000	131.178	11337.20	0.0017	P	2.5
6	☐	250.000	252.514	22246.12	0.0033	P	1.0
7	☐	500.000	511.260	43361.78	0.0068	P	3.1
8	☐	1000.000	992.864	86488.73	0.0131	P	1.0
9	☐			145.02	0.0000	P	30.6

$$y = 1.3235\text{E-}005 * x - 1.5860\text{E-}006$$

$$R = 0.9999$$

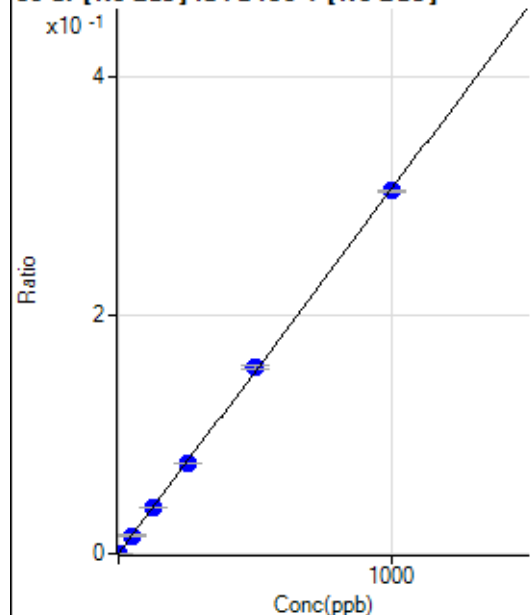
$$DL = 1.251$$

$$BEC = -0.1198$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	783.39	0.0001	P	13.8
2	☐	0.100					
3	☐	1.000	0.869	2291.95	0.0004	P	8.0
4	☐	50.000	49.619	101829.04	0.0153	P	1.9
5	☐	125.000	124.964	250467.05	0.0383	P	0.6
6	☐	250.000	249.017	507710.93	0.0762	P	0.8
7	☐	500.000	509.880	999942.45	0.1560	P	2.1
8	☐	1000.000	995.329	2003581.08	0.3044	P	0.7
9	☐			67930.92	0.0108	P	0.4

$$y = 3.0569\text{E-}004 * x + 1.1822\text{E-}004$$

$$R = 0.9999$$

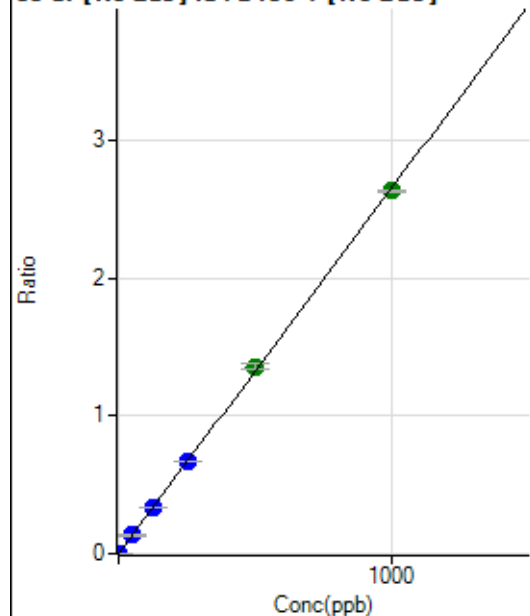
$$DL = 0.1602$$

$$BEC = 0.3868$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	575.04	0.0001	P	14.5
2	☐	0.100					
3	☐	1.000	0.953	15620.18	0.0026	P	2.1
4	☐	50.000	50.423	892080.33	0.1339	P	2.0
5	☐	125.000	126.468	2194592.37	0.3357	P	0.7
6	☐	250.000	253.459	4480551.05	0.6728	P	0.5
7	☐	500.000	511.671	8705184.92	1.3581	A	3.0
8	☐	1000.000	993.095	17350983.03	2.6359	A	0.8
9	☐			584193.99	0.0932	P	0.4

$$y = 0.0027 * x + 8.6642\text{E-}005$$

$$R = 0.9999$$

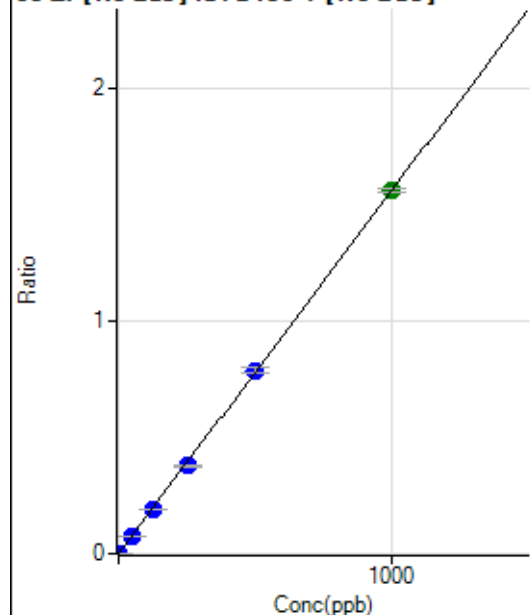
$$DL = 0.01418$$

$$BEC = 0.03264$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	427.80	0.0001	P	12.7
2	☐	0.100					
3	☐	1.000	0.887	8652.98	0.0014	P	2.8
4	☐	50.000	45.952	478354.37	0.0718	P	1.3
5	☐	125.000	120.721	1232284.77	0.1885	P	1.2
6	☐	250.000	241.300	2509120.85	0.3768	P	0.8
7	☐	500.000	505.835	5062184.71	0.7898	P	2.9
8	☐	1000.000	999.995	10276947.45	1.5612	A	1.0
9	☐			3909.04	0.0006	P	4.3

$$y = 0.0016 * x + 6.4479E-005$$

$$R = 0.9999$$

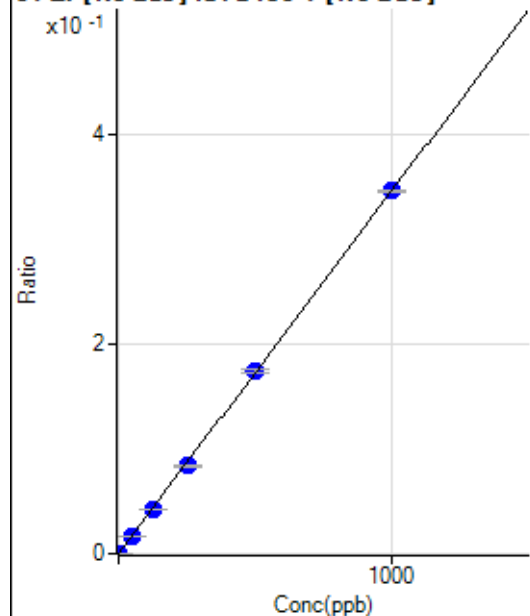
$$DL = 0.01575$$

$$BEC = 0.0413$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	25.7
2	☐	0.100					
3	☐	1.000	0.934	2011.34	0.0003	P	5.0
4	☐	50.000	46.704	107797.46	0.0162	P	2.7
5	☐	125.000	120.751	273333.16	0.0418	P	1.5
6	☐	250.000	242.152	558384.65	0.0838	P	0.9
7	☐	500.000	503.181	1116773.35	0.1742	P	2.6
8	☐	1000.000	1001.068	2281510.62	0.3466	P	0.5
9	☐			886.18	0.0001	P	6.2

$$y = 3.4621E-004 * x + 1.3772E-005$$

$$R = 1.0000$$

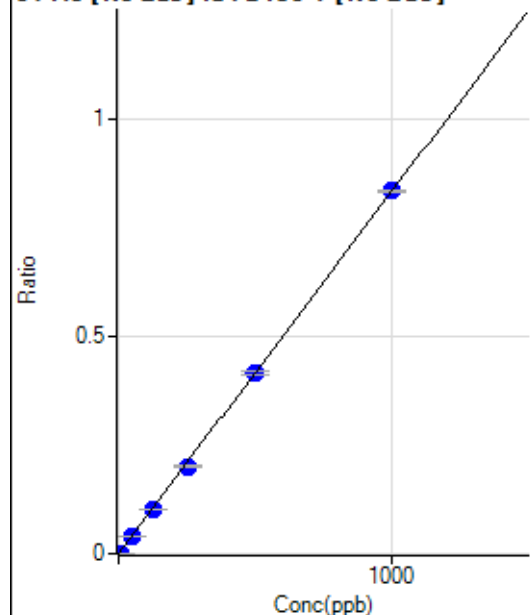
$$DL = 0.03064$$

$$BEC = 0.03978$$

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	200.01	0.0000	P	8.6
2	☐	0.500					
3	☐	5.000	2.015	10201.24	0.0017	P	3.1
4	☐	50.000	46.517	258369.09	0.0388	P	1.1
5	☐	125.000	120.903	658533.41	0.1008	P	1.1
6	☐	250.000	241.209	1338366.35	0.2010	P	0.8
7	☐	500.000	500.539	2673049.97	0.4170	P	2.7
8	☐	1000.000	1002.629	5498451.86	0.8353	P	0.4
9	☐			10921.28	0.0017	P	1.5

$$y = 8.3306\text{E-}004 * x + 3.0161\text{E-}005$$

$$R = 1.0000$$

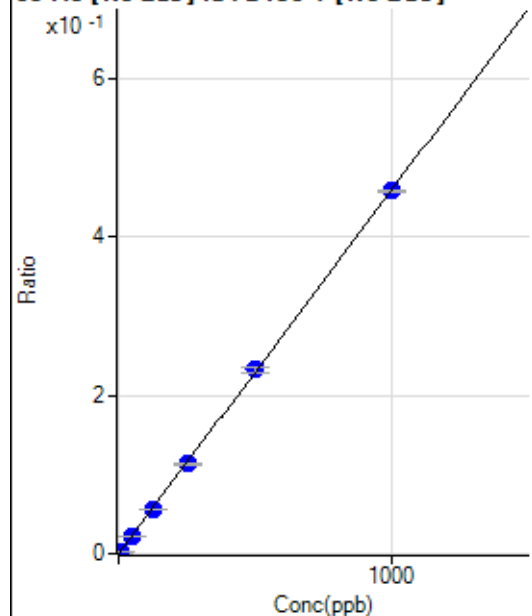
$$DL = 0.009296$$

$$BEC = 0.03621$$

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	41.67	0.0000	P	54.8
2	☐	0.500					
3	☐	5.000	4.418	12127.85	0.0020	P	3.7
4	☐	50.000	48.723	148876.08	0.0223	P	1.7
5	☐	125.000	123.839	371227.88	0.0568	P	0.4
6	☐	250.000	246.433	752539.65	0.1130	P	1.4
7	☐	500.000	505.725	1486419.55	0.2319	P	3.1
8	☐	1000.000	998.241	3013225.78	0.4577	P	0.6
9	☐			15675.90	0.0025	P	2.7

$$y = 4.5854\text{E-}004 * x + 6.3186\text{E-}006$$

$$R = 1.0000$$

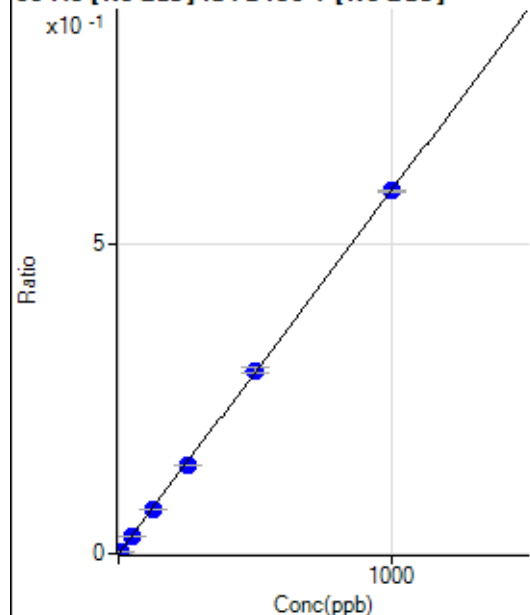
$$DL = 0.02264$$

$$BEC = 0.01378$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	64.4
2	☐	0.500					
3	☐	5.000	3.770	13262.25	0.0022	P	2.7
4	☐	50.000	48.458	189457.29	0.0284	P	1.7
5	☐	125.000	122.239	468834.09	0.0717	P	0.7
6	☐	250.000	244.562	955570.39	0.1435	P	1.1
7	☐	500.000	504.907	1898844.18	0.2962	P	2.8
8	☐	1000.000	999.334	3859518.36	0.5863	P	0.4
9	☐			22716.07	0.0036	P	4.1

$$y = 5.8669\text{E-}004 * x + 9.9737\text{E-}006$$

$$R = 1.0000$$

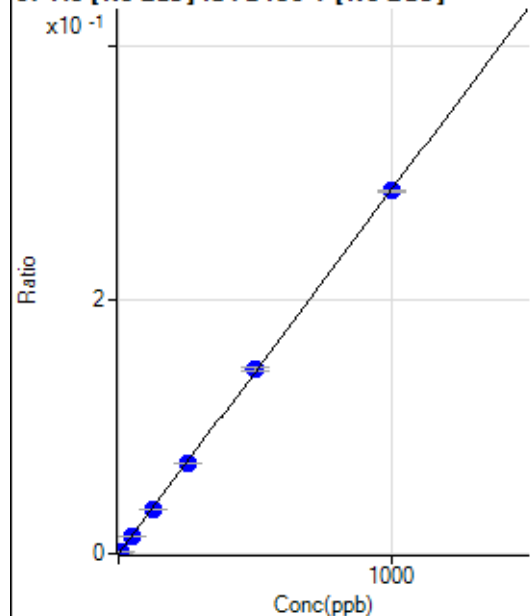
$$DL = 0.03283$$

$$BEC = 0.017$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	74.4
2	☐	0.500					
3	☐	5.000	4.450	7660.75	0.0013	P	1.2
4	☐	50.000	49.150	94039.30	0.0141	P	2.4
5	☐	125.000	123.675	232133.82	0.0355	P	0.5
6	☐	250.000	247.777	473771.91	0.0711	P	0.6
7	☐	500.000	506.931	933014.26	0.1455	P	2.2
8	☐	1000.000	997.301	1884797.50	0.2863	P	0.6
9	☐			10151.24	0.0016	P	2.6

$$y = 2.8710\text{E-}004 * x + 5.8495\text{E-}006$$

$$R = 1.0000$$

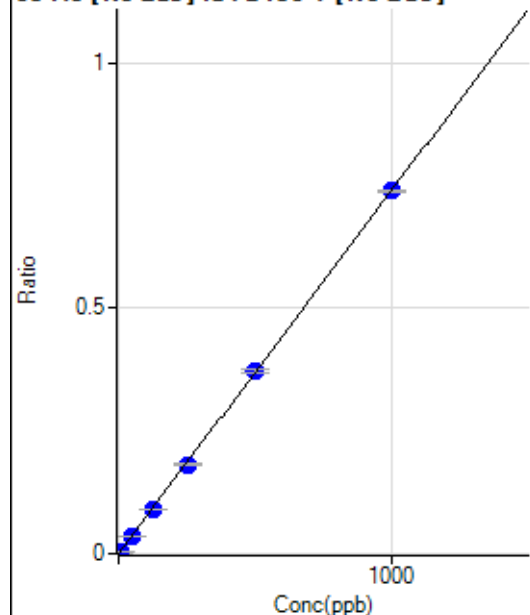
$$DL = 0.04545$$

$$BEC = 0.02037$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	25.2
2	☐	0.500					
3	☐	5.000	4.415	19550.28	0.0033	P	2.2
4	☐	50.000	48.849	240558.69	0.0361	P	2.2
5	☐	125.000	123.176	595072.45	0.0910	P	1.0
6	☐	250.000	245.909	1210294.05	0.1817	P	0.9
7	☐	500.000	503.849	2387015.42	0.3724	P	2.3
8	☐	1000.000	999.387	4861771.24	0.7386	P	0.8
9	☐			25473.66	0.0041	P	2.1

$$y = 7.3901\text{E-}004 * x + 1.2536\text{E-}005$$

$$R = 1.0000$$

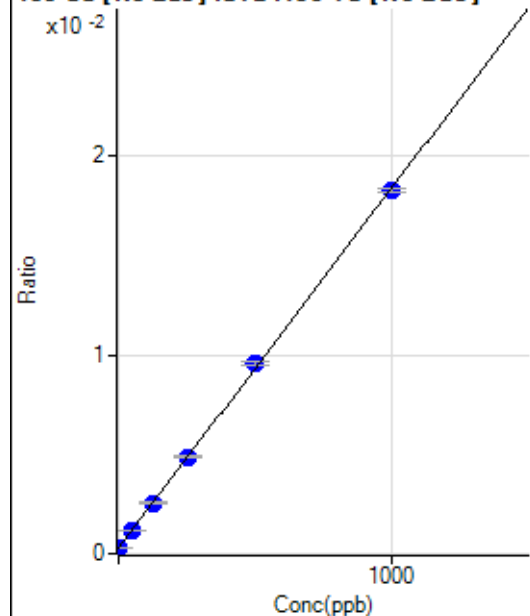
$$DL = 0.01284$$

$$BEC = 0.01696$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2461.43	0.0003	P	6.9
2	☐	0.100					
3	☐	1.000	-0.065	2166.94	0.0003	P	4.2
4	☐	50.000	49.722	10229.10	0.0012	P	3.6
5	☐	125.000	124.337	21433.76	0.0025	P	3.1
6	☐	250.000	252.100	41807.21	0.0048	P	2.0
7	☐	500.000	513.718	79137.60	0.0096	P	2.0
8	☐	1000.000	992.714	153739.50	0.0182	P	1.1
9	☐			2219.71	0.0003	P	7.7

$$y = 1.8098\text{E-}005 * x + 2.8001\text{E-}004$$

$$R = 0.9999$$

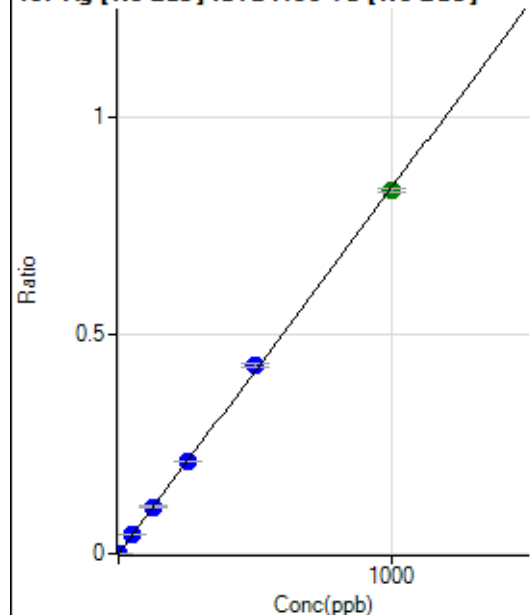
$$DL = 3.217$$

$$BEC = 15.47$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	40.4
2	☐	0.100					
3	☐	1.000	1.238	8130.46	0.0010	P	5.1
4	☐	50.000	50.645	367961.11	0.0424	P	1.8
5	☐	125.000	127.900	907747.16	0.1072	P	1.8
6	☐	250.000	253.585	1833858.07	0.2124	P	1.0
7	☐	500.000	513.511	3554620.09	0.4302	P	1.9
8	☐	1000.000	991.953	7001881.67	0.8310	A	1.0
9	☐			1727.98	0.0002	P	3.8

$$y = 8.3770\text{E-}004 * x + 9.4956\text{E-}006$$

$$R = 0.9999$$

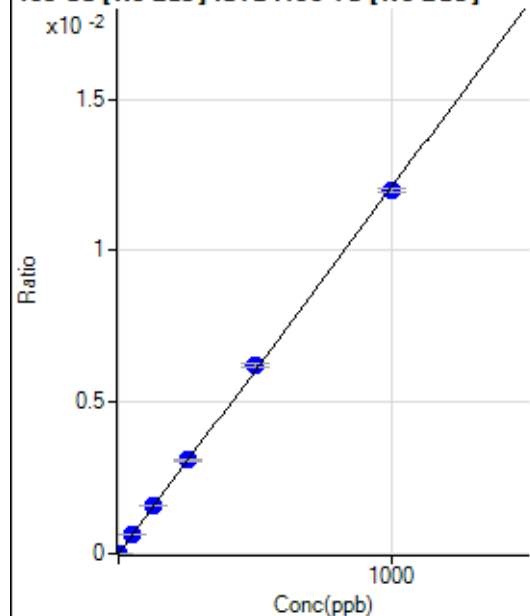
$$DL = 0.01375$$

$$BEC = 0.01134$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	115.0
2	☐	0.100					
3	☐	1.000	1.203	118.06	0.0000	P	20.4
4	☐	50.000	51.440	5401.13	0.0006	P	1.3
5	☐	125.000	129.509	13277.27	0.0016	P	1.4
6	☐	250.000	256.192	26758.89	0.0031	P	1.4
7	☐	500.000	515.508	51529.80	0.0062	P	2.1
8	☐	1000.000	990.062	100916.90	0.0120	P	0.9
9	☐			50.00	0.0000	P	22.3

$$y = 1.2096\text{E-}005 * x + 6.3882\text{E-}007$$

$$R = 0.9998$$

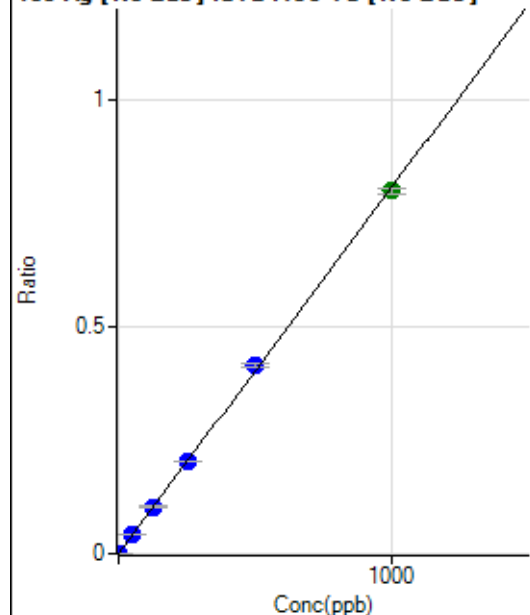
$$DL = 0.1823$$

$$BEC = 0.05281$$

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	27.78	0.0000	P	44.6
2	☐	0.100					
3	☐	1.000	1.207	7591.26	0.0010	P	2.0
4	☐	50.000	50.949	356567.66	0.0411	P	2.0
5	☐	125.000	128.247	876865.41	0.1035	P	1.8
6	☐	250.000	252.890	1761856.68	0.2041	P	0.9
7	☐	500.000	515.245	3436004.12	0.4158	P	2.1
8	☐	1000.000	991.202	6740288.34	0.8000	A	1.5
9	☐			1505.71	0.0002	P	4.1

$$y = 8.0706\text{E-}004 * x + 3.1487\text{E-}006$$

$$R = 0.9998$$

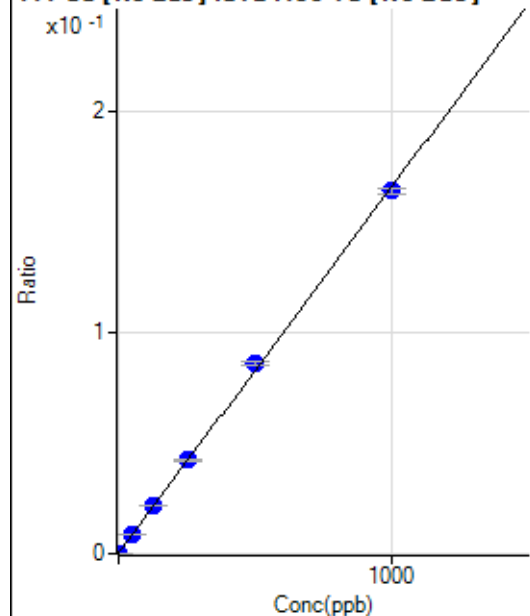
$$DL = 0.005216$$

$$BEC = 0.003901$$

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	1726.05	0.0002	P	6.7
2	☐	0.100					
3	☐	1.000	0.801	2556.51	0.0003	P	2.6
4	☐	50.000	51.445	75611.47	0.0087	P	1.6
5	☐	125.000	129.245	183070.83	0.0216	P	1.7
6	☐	250.000	253.626	364412.53	0.0422	P	1.5
7	☐	500.000	517.511	710075.32	0.0859	P	2.4
8	☐	1000.000	989.735	1383315.29	0.1642	P	1.4
9	☐			1878.53	0.0002	P	5.0

$$y = 1.6568\text{E-}004 * x + 1.9635\text{E-}004$$

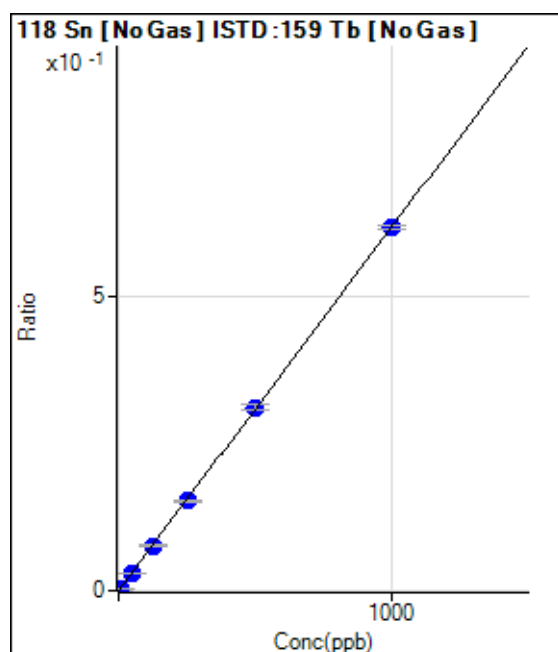
$$R = 0.9998$$

$$DL = 0.2366$$

$$BEC = 1.185$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.91	0.0000	P	5.0
2	☐	0.500					
3	☐	5.000	4.404	21419.90	0.0028	P	0.4
4	☐	50.000	48.497	259853.43	0.0300	P	2.1
5	☐	125.000	124.162	649495.48	0.0767	P	1.6
6	☐	250.000	246.084	1311317.53	0.1519	P	1.0
7	☐	500.000	505.291	2577004.79	0.3119	P	2.2
8	☐	1000.000	998.516	5192869.47	0.6163	P	0.9
9	☐			9069.96	0.0011	P	3.3

$$y = 6.1715\text{E-}004 * x + 3.8530\text{E-}005$$

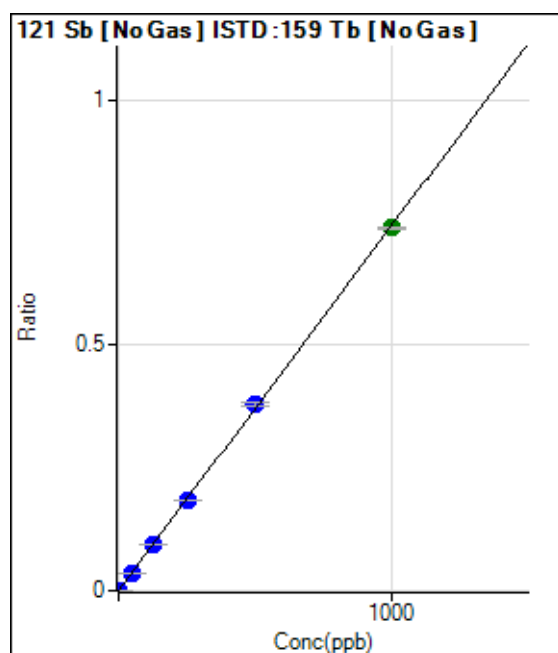
$$R = 1.0000$$

$$DL = 0.009456$$

$$BEC = 0.06243$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	41.4
2	☐	0.200					
3	☐	2.000	1.774	10343.17	0.0013	P	3.4
4	☐	50.000	48.181	310868.64	0.0359	P	2.7
5	☐	125.000	125.411	790493.56	0.0933	P	1.4
6	☐	250.000	248.393	1595193.08	0.1848	P	0.9
7	☐	500.000	512.446	3150119.97	0.3812	P	2.0
8	☐	1000.000	994.219	6232295.19	0.7396	A	0.8
9	☐			23623.36	0.0030	P	2.8

$$y = 7.4391\text{E-}004 * x + 1.1349\text{E-}005$$

$$R = 0.9999$$

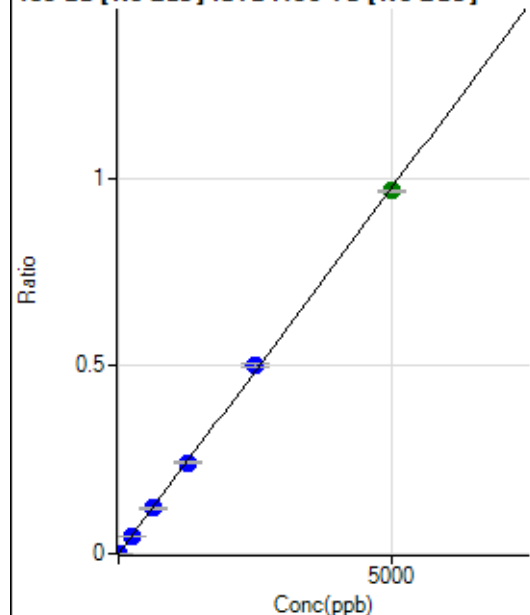
$$DL = 0.01894$$

$$BEC = 0.01526$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	65.6
2	☐	1.000					
3	☐	10.000	8.949	13557.10	0.0017	P	1.6
4	☐	250.000	244.185	412193.60	0.0475	P	1.2
5	☐	625.000	621.189	1024397.52	0.1209	P	1.6
6	☐	1250.000	1241.997	2086930.84	0.2418	P	1.3
7	☐	2500.000	2575.696	4142920.36	0.5014	P	1.7
8	☐	5000.000	4964.922	8143487.25	0.9664	A	0.8
9	☐			4020.21	0.0005	P	4.8

$$y = 1.9465E-004 * x + 2.8236E-006$$

$$R = 0.9998$$

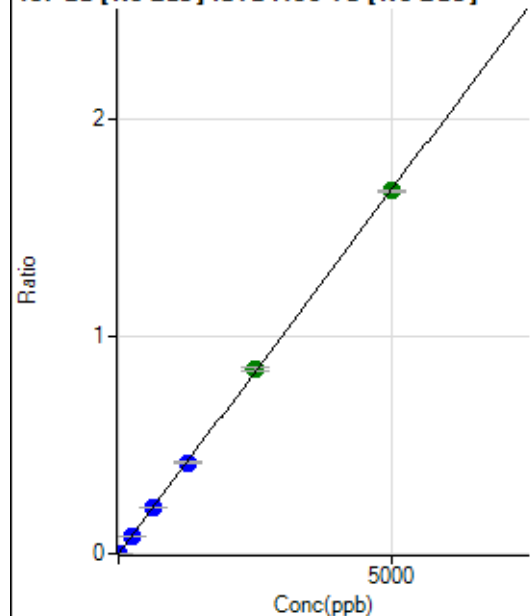
$$DL = 0.02855$$

$$BEC = 0.01451$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	33.8
2	☐	1.000					
3	☐	10.000	8.829	23000.47	0.0030	P	3.0
4	☐	250.000	246.731	716229.18	0.0826	P	1.7
5	☐	625.000	625.928	1775164.17	0.2095	P	1.7
6	☐	1250.000	1252.553	3619493.09	0.4193	P	1.1
7	☐	2500.000	2531.609	7003129.24	0.8475	A	1.4
8	☐	5000.000	4983.607	14057741.12	1.6683	A	0.7
9	☐			7071.56	0.0009	P	0.6

$$y = 3.3476E-004 * x + 4.0918E-006$$

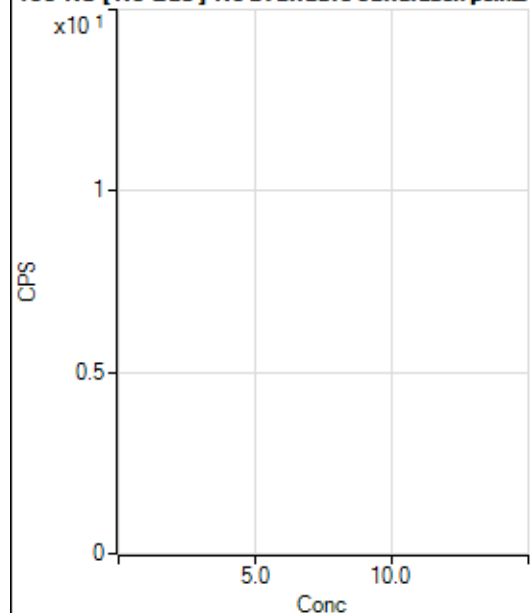
$$R = 1.0000$$

$$DL = 0.01238$$

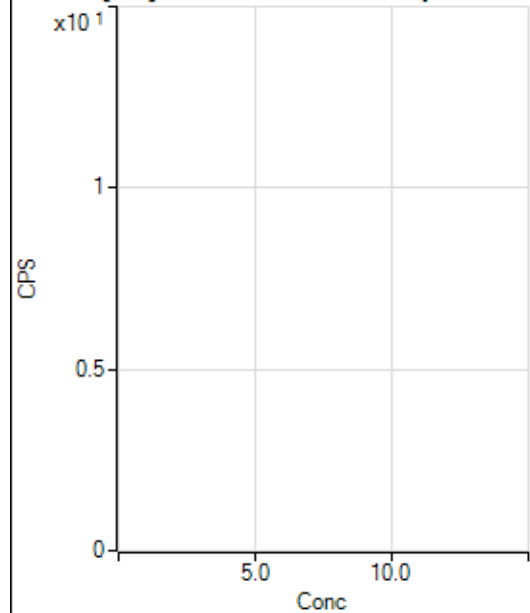
$$BEC = 0.01222$$

Weight: <None>

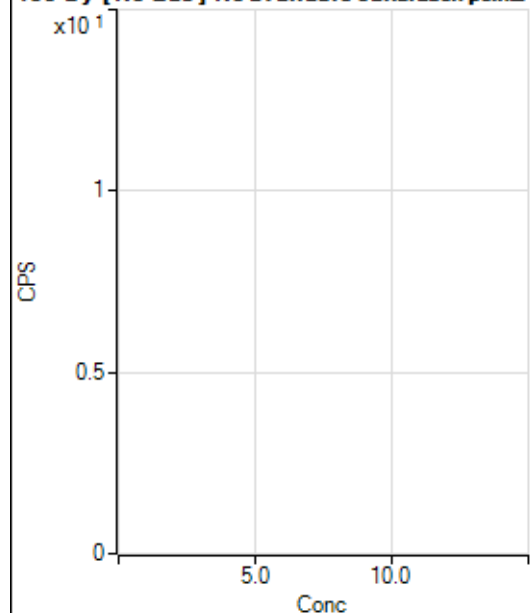
Min Conc: 0

150 Nd [No Gas] No available calibration points

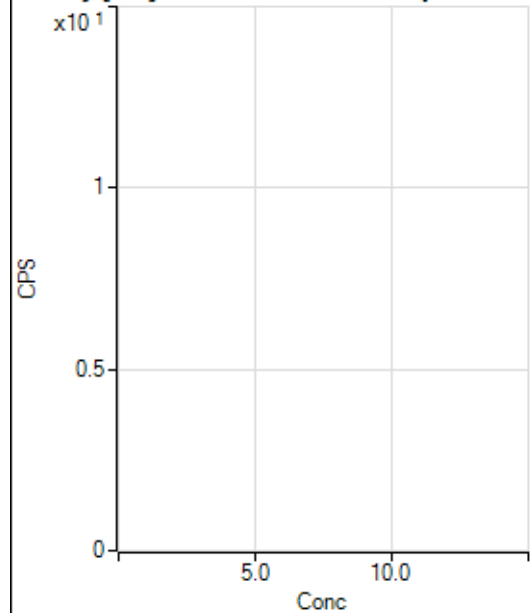
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			60.00		P	77.8
5	☐			100.00		P	17.6
6	☐			240.01		P	22.2
7	☐			435.58		P	22.2
8	☐			768.93		P	9.6
9	☐			88.89		P	28.4

150 Nd [He] No available calibration points

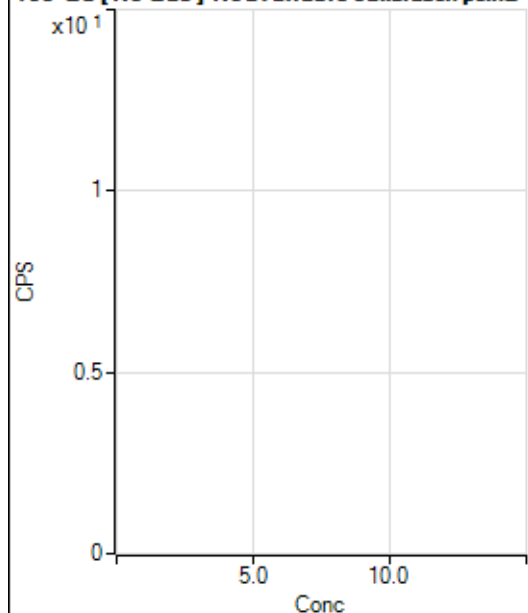
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			2.22		P	173.2
4	☐			6.66		P	86.6
5	☐			16.66		P	34.6
6	☐			33.33		P	26.4
7	☐			35.55		P	10.8
8	☐			81.11		P	13.2
9	☐			47.78		P	17.6

156 Dy [No Gas] No available calibration points

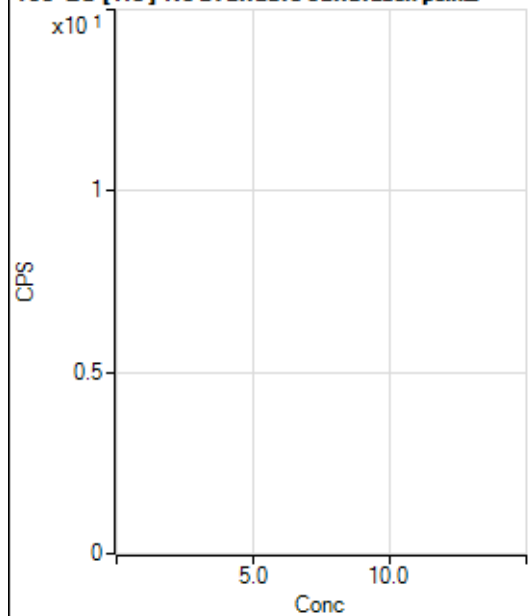
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	137.8
2	☐						
3	☐			8.33		P	100.0
4	☐			22.22		P	57.3
5	☐			36.11		P	48.0
6	☐			61.11		P	28.4
7	☐			100.01		P	8.3
8	☐			202.79		P	13.2
9	☐			130.56		P	16.1

156 Dy [He] No available calibration points

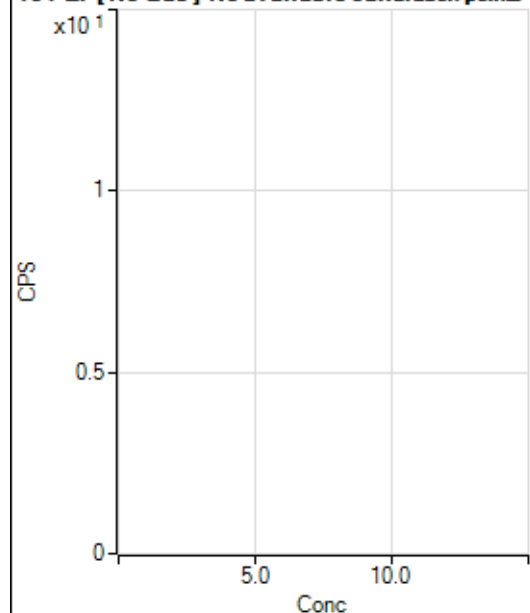
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			4.44		P	114.6
4	☐			12.22		P	31.5
5	☐			14.44		P	35.3
6	☐			28.89		P	6.7
7	☐			57.78		P	26.0
8	☐			62.22		P	6.2
9	☐			63.33		P	5.3

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

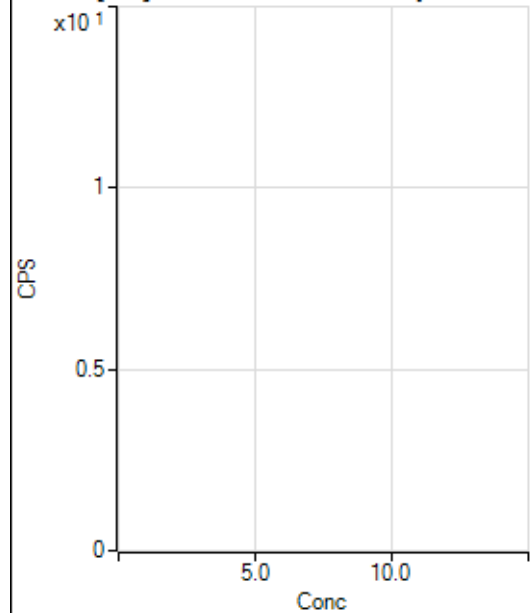
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	40.0
2	☐						
3	☐			33.34		P	66.1
4	☐			13.89		P	34.7
5	☐			36.11		P	13.3
6	☐			55.56		P	31.2
7	☐			69.45		P	56.7
8	☐			77.78		P	30.9
9	☐			108.34		P	7.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	12.2
2	☐						
3	☐			63.33		P	27.9
4	☐			75.56		P	5.1
5	☐			72.22		P	27.8
6	☐			88.89		P	11.5
7	☐			80.00		P	11.0
8	☐			85.56		P	2.2
9	☐			107.78		P	8.9

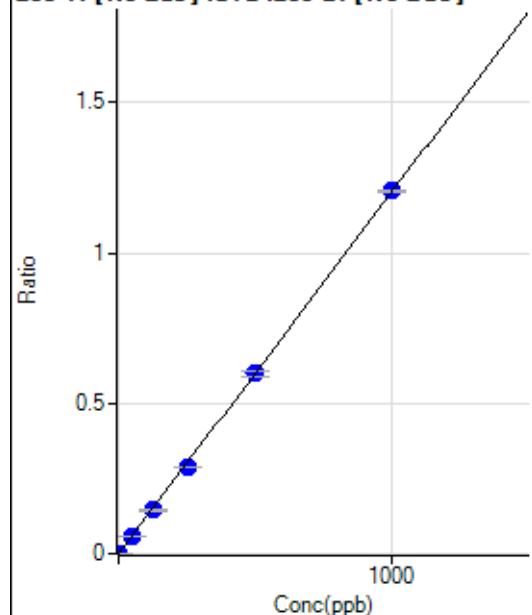
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	28.6
2	☐						
3	☐			30.56		P	41.7
4	☐			33.33		P	114.6
5	☐			33.34		P	66.1
6	☐			47.22		P	36.7
7	☐			38.89		P	61.9
8	☐			33.34		P	43.3
9	☐			77.78		P	22.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	24.8
2	☐						
3	☐			24.44		P	47.9
4	☐			13.33		P	25.0
5	☐			23.33		P	14.3
6	☐			14.44		P	58.1
7	☐			17.78		P	65.8
8	☐			25.56		P	37.7
9	☐			28.89		P	46.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	20.6
2	☐	0.100					
3	☐	1.000	0.935	5770.98	0.0011	P	0.7
4	☐	50.000	47.124	322387.28	0.0566	P	2.2
5	☐	125.000	120.039	792097.93	0.1442	P	1.4
6	☐	250.000	239.111	1592153.31	0.2871	P	0.7
7	☐	500.000	497.895	3118820.14	0.5979	P	2.9
8	☐	1000.000	1004.539	6254262.73	1.2063	P	0.7
9	☐			4473.17	0.0010	P	2.2

$$y = 0.0012 * x + 1.4666E-005$$

$$R = 0.9999$$

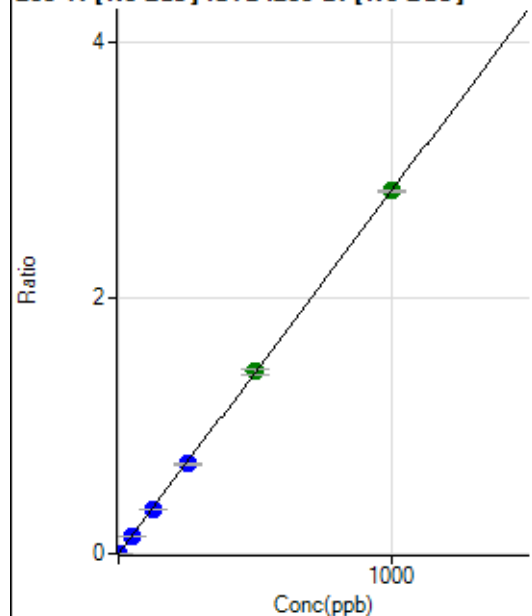
$$DL = 0.007552$$

$$BEC = 0.01221$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.24	0.0000	P	27.9
2	☐	0.100					
3	☐	1.000	0.958	13974.63	0.0028	P	4.0
4	☐	50.000	47.905	773391.40	0.1358	P	2.7
5	☐	125.000	123.386	1921428.60	0.3497	P	1.9
6	☐	250.000	247.086	3882862.54	0.7003	P	0.8
7	☐	500.000	502.055	7421623.17	1.4229	A	3.2
8	☐	1000.000	1000.007	14693916.13	2.8341	A	0.7
9	☐			11116.25	0.0024	P	2.7

$$y = 0.0028 * x + 3.9144E-005$$

$$R = 1.0000$$

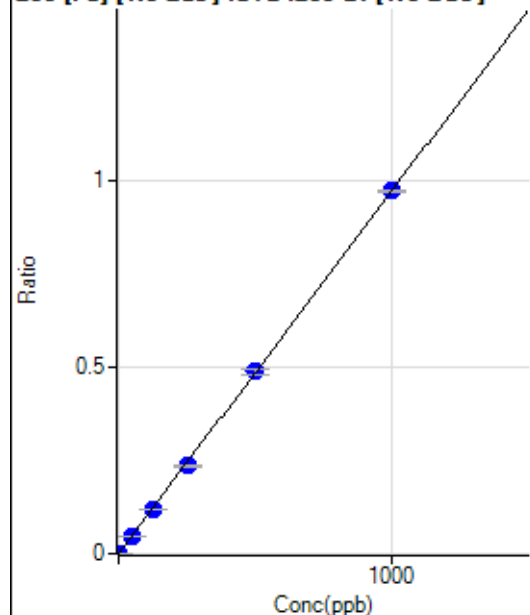
$$DL = 0.01155$$

$$BEC = 0.01381$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	420.39	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	1.476	7656.14	0.0015	P	0.9
4	☐	50.000	47.809	265168.54	0.0466	P	2.1
5	☐	125.000	122.001	652098.42	0.1187	P	2.2
6	☐	250.000	242.329	1306779.69	0.2357	P	0.9
7	☐	500.000	501.691	2544813.54	0.4879	P	2.7
8	☐	1000.000	1001.556	5049104.92	0.9739	P	0.8
9	☐			9511.04	0.0021	P	0.6

$$y = 9.7226\text{E-}004 * x + 7.3942\text{E-}005$$

$$R = 1.0000$$

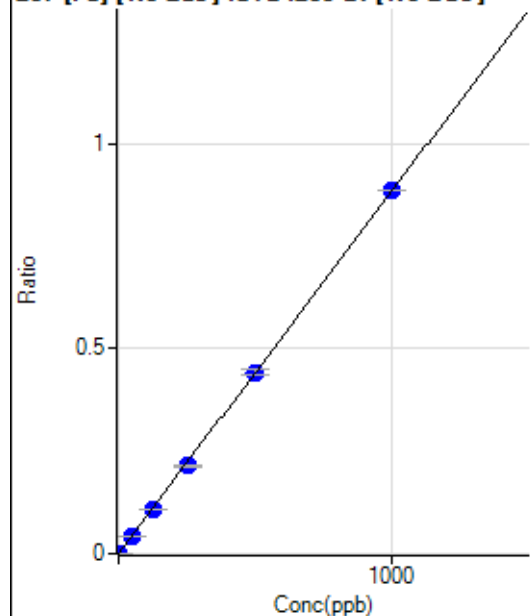
$$DL = 0.02292$$

$$BEC = 0.07605$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.94	0.0001	P	8.9
2	☐	0.100					
3	☐	1.000	1.541	7248.46	0.0014	P	0.3
4	☐	50.000	47.677	240405.62	0.0422	P	2.6
5	☐	125.000	122.114	593451.68	0.1080	P	2.0
6	☐	250.000	242.120	1187117.43	0.2141	P	0.7
7	☐	500.000	501.215	2311595.13	0.4431	P	2.7
8	☐	1000.000	1001.839	4592044.72	0.8857	P	0.1
9	☐			8462.22	0.0018	P	2.6

$$y = 8.8399\text{E-}004 * x + 6.6133\text{E-}005$$

$$R = 1.0000$$

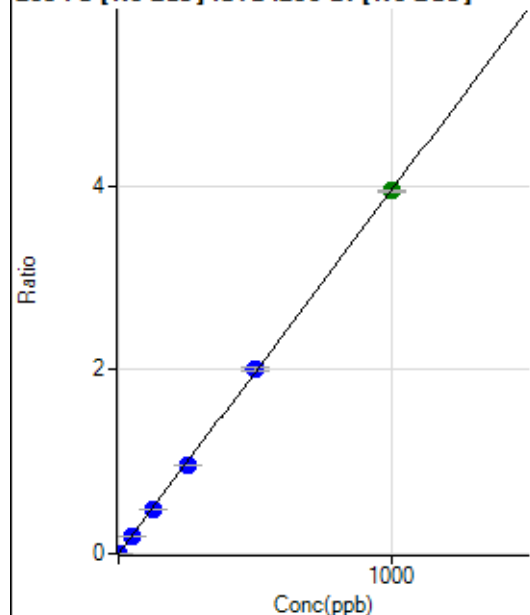
$$DL = 0.01993$$

$$BEC = 0.07481$$

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	1690.84	0.0003	P	9.0
2	☐	0.100					
3	☐	1.000	1.508	31789.80	0.0063	P	0.4
4	☐	50.000	47.923	1081254.11	0.1899	P	2.6
5	☐	125.000	122.637	2666872.83	0.4854	P	1.7
6	☐	250.000	243.617	5344713.94	0.9639	P	0.4
7	☐	500.000	507.351	10470233.63	2.0071	P	2.6
8	☐	1000.000	998.319	20475082.52	3.9491	A	0.4
9	☐			37927.55	0.0083	P	0.8

$$y = 0.0040 * x + 2.9755E-004$$

$$R = 0.9999$$

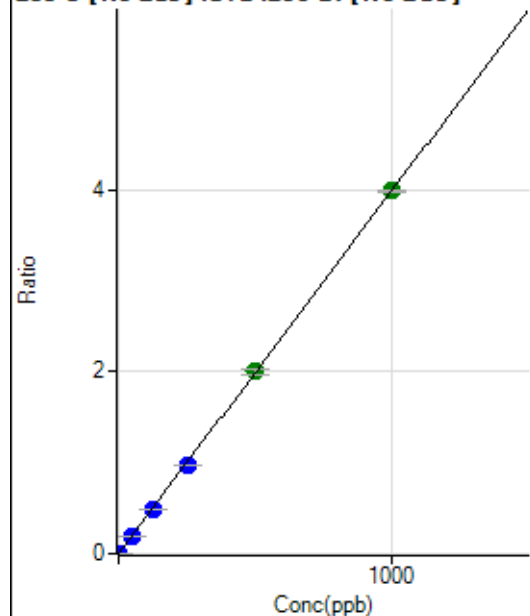
$$DL = 0.02042$$

$$BEC = 0.07522$$

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	58.34	0.0000	P	15.9
2	☐	0.100					
3	☐	1.000	0.905	18344.16	0.0036	P	1.3
4	☐	50.000	46.792	1061693.02	0.1864	P	2.6
5	☐	125.000	121.052	2649778.79	0.4823	P	1.3
6	☐	250.000	244.853	5408668.70	0.9755	P	0.4
7	☐	500.000	502.445	10441435.91	2.0017	A	2.7
8	☐	1000.000	1000.718	20669760.88	3.9867	A	0.5
9	☐			5651.46	0.0012	P	5.7

$$y = 0.0040 * x + 1.0269E-005$$

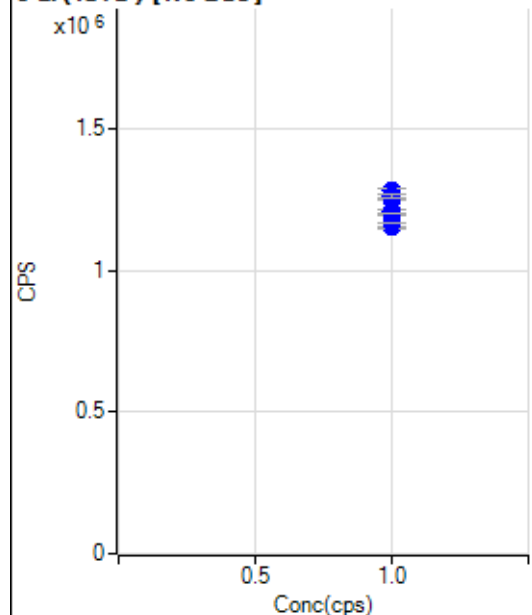
$$R = 1.0000$$

$$DL = 0.001227$$

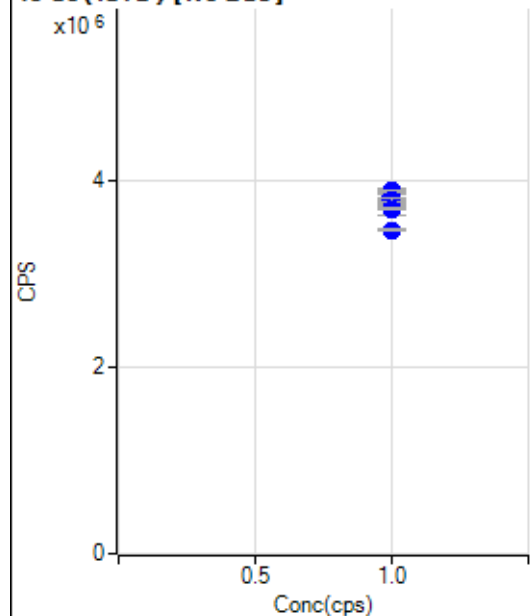
$$BEC = 0.002578$$

Weight: <None>

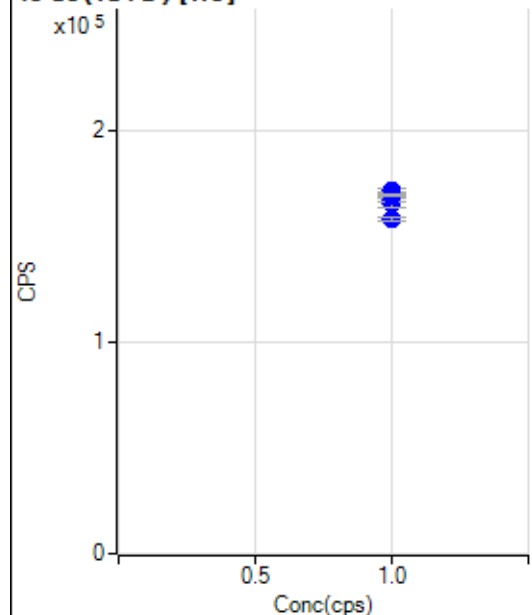
Min Conc: 0

6 Li (ISTD) [No Gas]

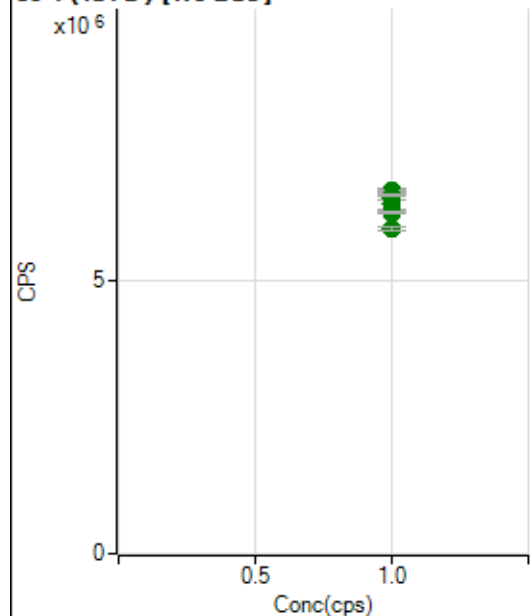
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1262813.38		P	1.0
2	☐	1.000					
3	☐	1.000		1153072.05		P	0.4
4	☐	1.000		1282202.02		P	1.9
5	☐	1.000		1249369.13		P	0.1
6	☐	1.000		1263479.21		P	1.0
7	☐	1.000		1208285.21		P	1.6
8	☐	1.000		1203292.41		P	0.1
9	☐	1.000		1168644.26		P	0.1

45 Sc (ISTD) [No Gas]

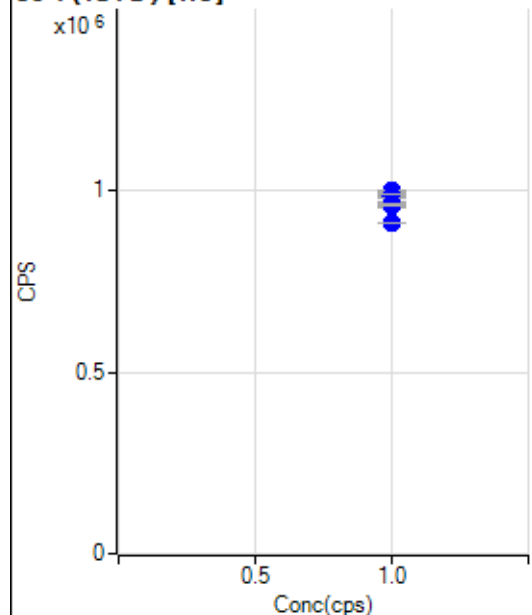
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3830839.28		P	2.0
2	☐	1.000					
3	☐	1.000		3468516.09		P	0.2
4	☐	1.000		3887855.77		P	1.8
5	☐	1.000		3748675.26		P	0.8
6	☐	1.000		3881492.32		P	0.7
7	☐	1.000		3689463.54		P	3.1
8	☐	1.000		3793388.93		P	0.8
9	☐	1.000		3696466.75		P	0.2

45 Sc (ISTD) [He]

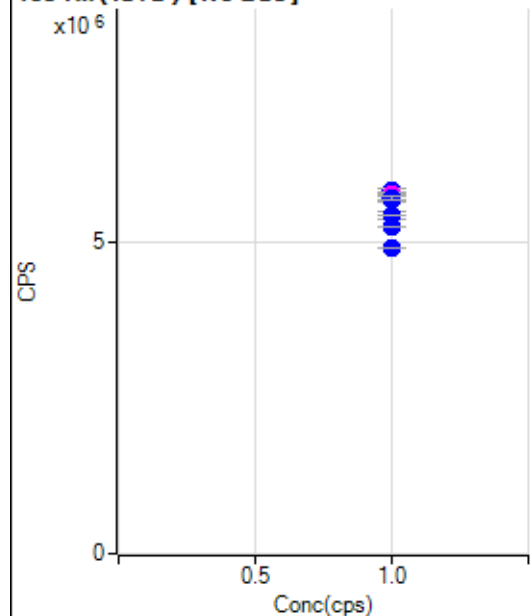
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		169908.79		P	1.4
2	☐	1.000					
3	☐	1.000		158548.92		P	1.1
4	☐	1.000		167444.42		P	3.9
5	☐	1.000		171852.82		P	1.0
6	☐	1.000		171129.77		P	0.4
7	☐	1.000		169173.80		P	1.1
8	☐	1.000		165502.77		P	1.4
9	☐	1.000		169804.47		P	0.9

89 Y (ISTD) [No Gas]

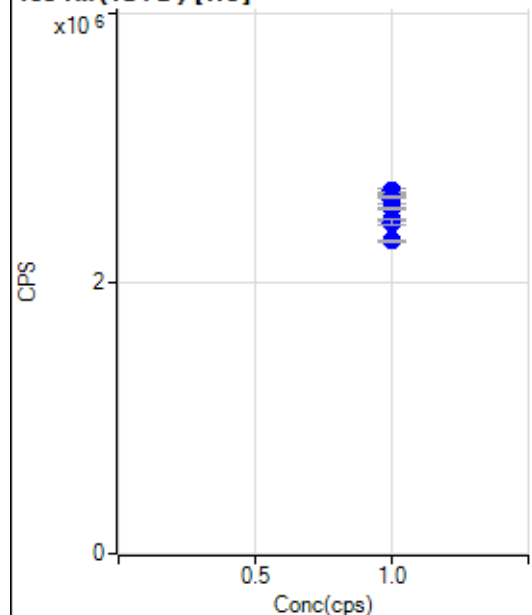
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6636800.39		A	1.8
2	☐	1.000					
3	☐	1.000		5969299.91		A	0.9
4	☐	1.000		6662754.28		A	1.4
5	☐	1.000		6536674.21		A	0.8
6	☐	1.000		6659714.42		A	0.8
7	☐	1.000		6412699.84		A	2.3
8	☐	1.000		6582878.16		A	0.9
9	☐	1.000		6265510.05		A	0.4

89 Y (ISTD) [He]

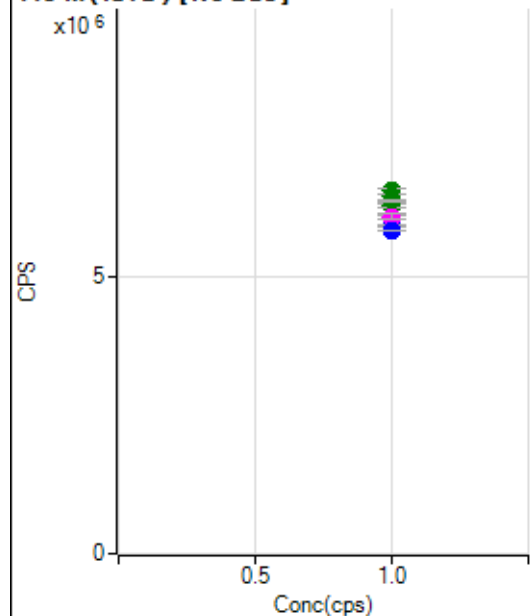
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		985792.67		P	1.2
2	☐	1.000					
3	☐	1.000		911973.46		P	0.4
4	☐	1.000		968675.24		P	3.2
5	☐	1.000		998752.52		P	0.5
6	☐	1.000		999630.25		P	0.3
7	☐	1.000		985362.70		P	0.9
8	☐	1.000		959674.86		P	1.7
9	☐	1.000		963630.50		P	0.6

103 Rh (ISTD) [No Gas]

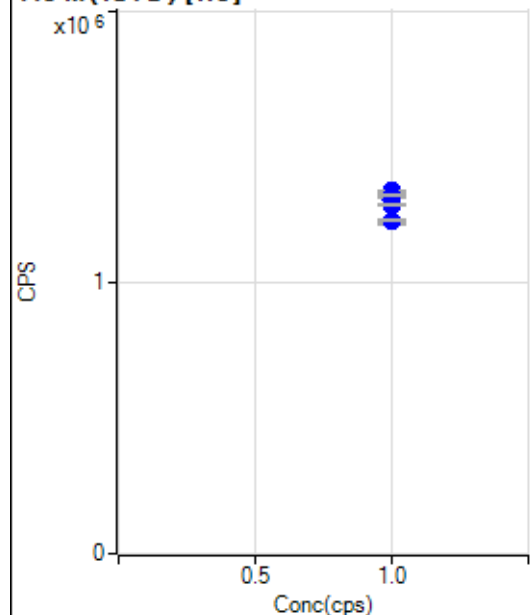
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5815814.45		P	1.3
2	☐	1.000					
3	☐	1.000		5244052.90		P	0.1
4	☐	1.000		5775827.82		M	0.5
5	☐	1.000		5657614.27		P	0.4
6	☐	1.000		5700262.32		P	0.8
7	☐	1.000		5422881.72		P	2.5
8	☐	1.000		5429033.98		P	0.3
9	☐	1.000		4896901.19		P	0.4

103 Rh (ISTD) [He]

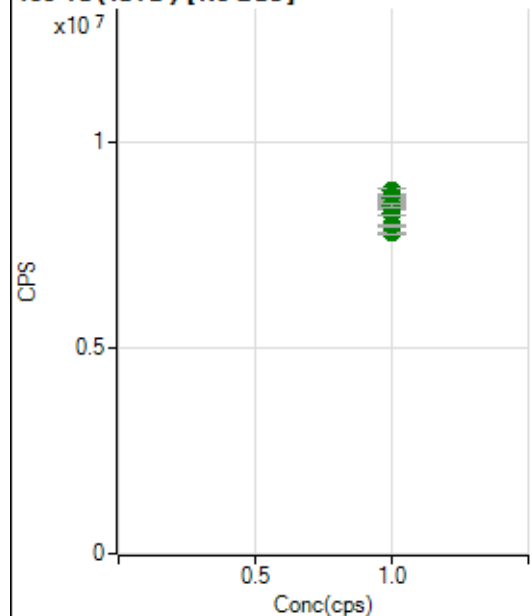
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2681269.14		P	1.4
2	☐	1.000					
3	☐	1.000		2470623.97		P	0.5
4	☐	1.000		2620035.45		P	2.9
5	☐	1.000		2673216.63		P	0.3
6	☐	1.000		2632226.54		P	0.4
7	☐	1.000		2557366.23		P	0.6
8	☐	1.000		2451177.45		P	1.5
9	☐	1.000		2310634.01		P	0.8

115 In (ISTD) [No Gas]

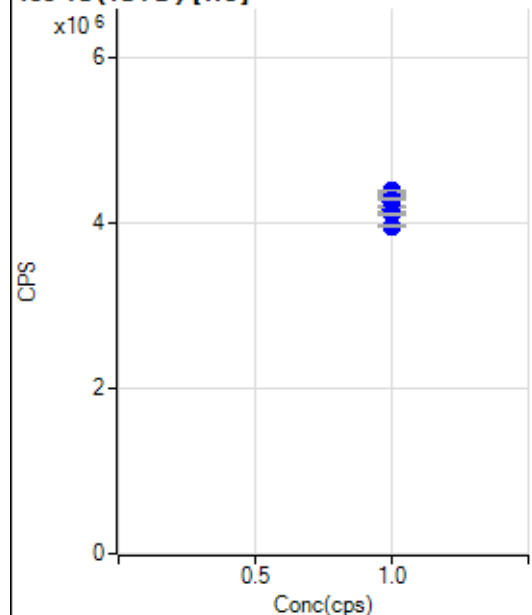
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6558531.78		A	1.9
2	☐	1.000					
3	☐	1.000		5934939.61		P	0.4
4	☐	1.000		6457821.42		A	1.8
5	☐	1.000		6289530.11		A	1.5
6	☐	1.000		6379545.18		A	0.8
7	☐	1.000		6084847.78		M	1.2
8	☐	1.000		6100180.06		M	2.1
9	☐	1.000		5845011.25		P	0.1

115 In (ISTD) [He]

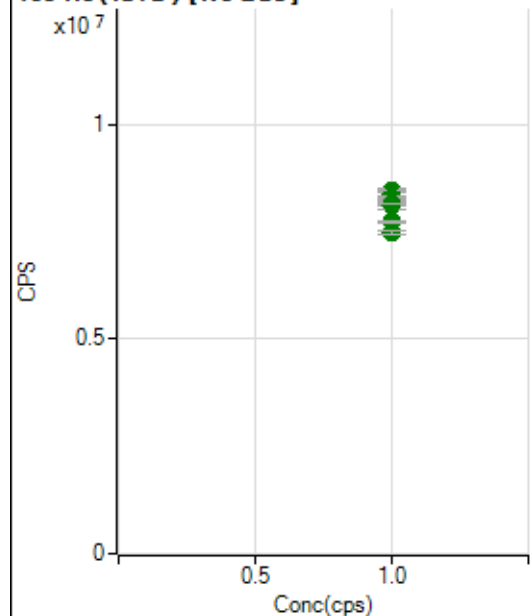
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1318818.57		P	1.3
2	☐	1.000					
3	☐	1.000		1223769.61		P	0.4
4	☐	1.000		1305108.41		P	3.2
5	☐	1.000		1336372.20		P	0.6
6	☐	1.000		1320229.51		P	0.4
7	☐	1.000		1283814.59		P	0.6
8	☐	1.000		1222446.57		P	1.6
9	☐	1.000		1226921.29		P	0.8

159 Tb (ISTD) [No Gas]

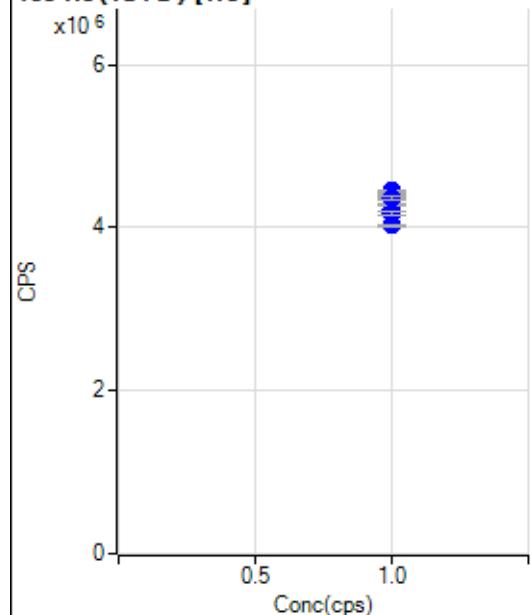
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8796427.09		A	1.5
2	☐	1.000					
3	☐	1.000		7770770.79		A	0.3
4	☐	1.000		8672410.91		A	1.3
5	☐	1.000		8472948.07		A	1.3
6	☐	1.000		8632934.25		A	1.2
7	☐	1.000		8264767.31		A	1.6
8	☐	1.000		8426892.24		A	1.3
9	☐	1.000		7960767.24		A	0.4

159 Tb (ISTD) [He]

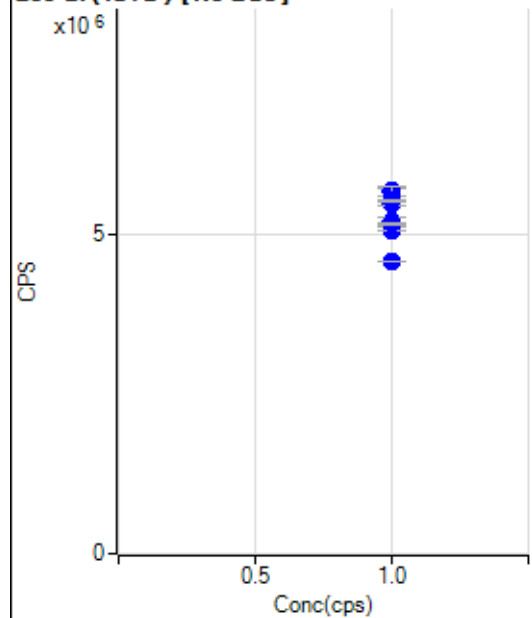
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4322991.29		P	1.2
2	☐	1.000					
3	☐	1.000		3966507.37		P	0.6
4	☐	1.000		4263543.24		P	2.8
5	☐	1.000		4389528.27		P	0.5
6	☐	1.000		4378635.21		P	0.5
7	☐	1.000		4291876.22		P	0.9
8	☐	1.000		4163645.25		P	1.4
9	☐	1.000		4110688.55		P	0.4

165 Ho (ISTD) [No Gas]

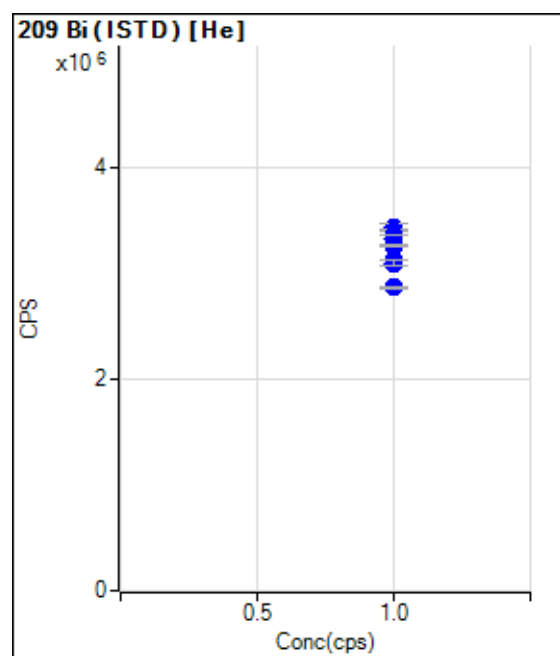
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8449734.30		A	1.0
2	☐	1.000					
3	☐	1.000		7481876.21		A	1.0
4	☐	1.000		8364805.48		A	2.4
5	☐	1.000		8164721.88		A	1.4
6	☐	1.000		8307324.23		A	0.7
7	☐	1.000		8106576.14		A	2.4
8	☐	1.000		8163624.31		A	0.1
9	☐	1.000		7726237.76		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4391281.98		P	1.3
2	☐	1.000					
3	☐	1.000		4023709.28		P	0.3
4	☐	1.000		4338418.82		P	2.7
5	☐	1.000		4448356.84		P	0.4
6	☐	1.000		4443980.59		P	0.2
7	☐	1.000		4364112.78		P	0.9
8	☐	1.000		4227155.28		P	1.4
9	☐	1.000		4174829.94		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5689929.64		P	2.2
2	☐	1.000					
3	☐	1.000		5074775.83		P	0.1
4	☐	1.000		5697536.23		P	2.4
5	☐	1.000		5495165.47		P	1.3
6	☐	1.000		5544832.90		P	0.5
7	☐	1.000		5218968.15		P	2.7
8	☐	1.000		5184743.05		P	0.3
9	☐	1.000		4594004.69		P	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3429875.82		P	2.0
2	☐	1.000					
3	☐	1.000		3128601.31		P	0.5
4	☐	1.000		3334507.80		P	3.5
5	☐	1.000		3404559.67		P	0.5
6	☐	1.000		3365772.31		P	0.3
7	☐	1.000		3257072.55		P	0.4
8	☐	1.000		3098631.24		P	1.6
9	☐	1.000		2871780.86		P	0.7

US EPA Tune Check Sample Report

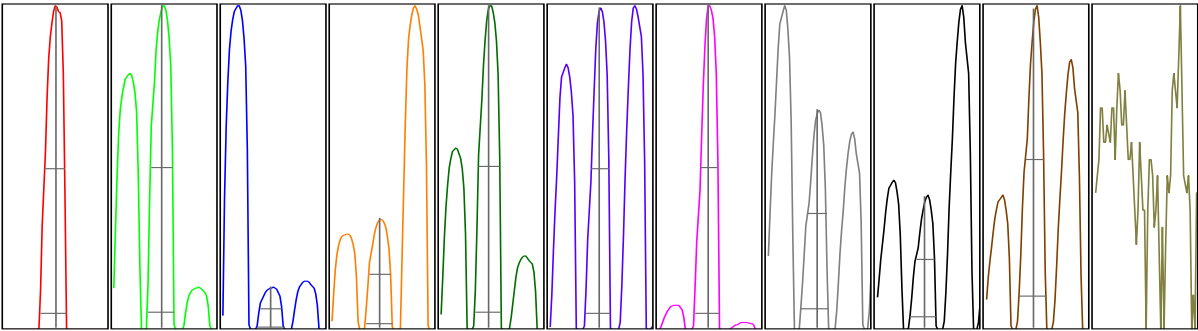
Batch Folder D:\ICP-MS Data\P7080217-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5062	0.41	5.00	
24	44940	1.39	5.00	
25	5869	1.21	5.00	
26	6640	1.26	5.00	
59	55285	0.81	5.00	
113	7509	0.41	5.00	
115	99630	0.31	5.00	
206	24544	0.86	5.00	
207	22401	0.74	5.00	
208	52696	0.96	5.00	
220	0	23.90		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5033	5056	5080	5058	5085
24	44209	44487	44857	45478	45668
25	5783	5838	5846	5912	5966
26	6558	6569	6626	6687	6758
59	54693	55003	55300	55661	55767
113	7455	7527	7515	7520	7531
115	99883	99341	99250	99750	99924
206	24241	24409	24661	24668	24739
207	22174	22287	22453	22543	22548
208	52042	52478	52559	53306	53093
220	0	0	0	1	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	8677	9.05	8.9 - 9.1		0.774	0.900	
24	74486	23.95	23.9 - 24.1		0.779	0.900	
25	9629	24.95	24.9 - 25.1		0.791	0.900	
26	11143	25.95	25.9 - 26.1		0.784	0.900	
59	94893	58.95	58.9 - 59.1		0.775	0.900	
113	14443	113.00	112.9 - 113.1		0.729	0.900	
115	192010	115.00	114.9 - 115.1		0.729	0.900	
206	45969	206.00	205.9 - 206.1		0.787	0.900	
207	40867	206.95	206.9 - 207.1		0.748	0.900	
208	98976	207.95	207.9 - 208.1		0.777	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.3	V	Deflect	14.8	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	14064	0.25	
89	9631	0.43	
205	22122	0.23	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	14054	14009	14070	14091	14095
89	9581	9675	9592	9658	9649
205	22097	22161	22050	22126	22175

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.4	V	Deflect	2.0	V
Extract 2	-150.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:44:48	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	0.36	-0.25	0.00	N/A	ppb
Antimony	121-1	-0.01	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.06	0.36	-0.43	0.00	N/A	ppb
Boron	11-1	-0.22	-0.01	0.23	0.00	N/A	ppb
Cadmium	111-1	0.07	0.02	-0.09	0.00	N/A	ppb
Cadmium	106-1	0.89	0.30	-1.19	0.00	N/A	ppb
Cadmium	108-1	0.07	-0.01	-0.05	0.00	N/A	ppb
Calcium	43-1	-0.90	-0.15	1.04	0.00	N/A	ppb
Calcium	44-1	-0.36	0.06	0.30	0.00	N/A	ppb
Chromium	52-2	-0.01	0.02	-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	0.01	-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	-0.06	0.06	0.01	0.00	N/A	ppb
Iron	57-2	-0.64	1.05	-0.42	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-1.16	1.78	-0.62	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:44:48	DataFile Name :	003CALB.d

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	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.02	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Phosphorus	31-2	0.69	-9.80	3.81	-1.77		ppb
Potassium	39-2	-0.47	4.69	-4.23	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.25	0.27	-0.52	0.00	N/A	ppb
Selenium	78-2	0.45	-0.37	-0.08	0.00	N/A	ppb
Selenium	82-1	-0.04	0.44	-0.40	0.00	N/A	ppb
Silicon	28-1	2.69	-0.06	-2.63	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	-1.06	2.00	-0.94	0.00	N/A	ppb
Strontium	86-1	0.06	-0.03	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-285.85	-447.74	-823.62	-519.07		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	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.06	0.11	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:44:48	DataFile Name :	003CALB.d

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

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 14:52:21 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.57	17.50	18.60	17.89	3.42	ppb
Antimony	121-1	1.84	1.75	1.73	1.77	3.41	ppb
Arsenic	75-2	0.89	0.78	0.95	0.87	9.72	ppb
Barium	135-1	8.85	9.12	8.88	8.95	1.64	ppb
Barium	137-1	9.11	8.77	8.60	8.83	2.97	ppb
Beryllium	9-1	0.79	0.78	0.99	0.86	14.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.62	20.07	21.35	20.35	4.40	ppb
Boron	11-1	20.56	22.54	21.83	21.64	4.64	ppb
Cadmium	111-1	0.80	0.75	0.85	0.80	6.33	ppb
Cadmium	106-1	0.19	-0.79	0.41	-0.06		ppb
Cadmium	108-1	1.49	1.01	1.10	1.20	21.32	ppb
Calcium	43-1	407.87	419.85	397.13	408.28	2.78	ppb
Calcium	44-1	424.10	421.70	430.38	425.40	1.05	ppb
Chromium	52-2	1.97	1.87	2.14	1.99	6.79	ppb
Cobalt	59-2	0.87	0.87	0.92	0.89	3.26	ppb
Copper	63-2	2.19	2.09	2.06	2.11	3.16	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	47.38	47.42	47.89	47.56	0.59	ppb
Iron	57-2	53.02	47.16	52.31	50.83	6.29	ppb
Lead	206-1	1.46	1.47	1.49	1.48	0.98	ppb
Lead	207-1	1.54	1.55	1.54	1.54	0.37	ppb
Lead	208-1	1.51	1.51	1.50	1.51	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	443.85	452.39	451.08	449.11	1.02	ppb
Manganese	55-2	0.82	1.03	0.94	0.93	11.44	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:52:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.06	1.94	2.05	2.01	3.18	ppb
Molybdenum	95-1	4.23	4.50	4.52	4.42	3.70	ppb
Molybdenum	96-1	3.84	3.82	3.65	3.77	2.72	ppb
Molybdenum	97-1	4.48	4.39	4.48	4.45	1.18	ppb
Molybdenum	98-1	4.30	4.48	4.47	4.42	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.91	0.85	0.90	4.19	ppb
Phosphorus	31-2	6.45	-8.48	7.33	1.77	503.26	ppb
Potassium	39-2	471.03	473.18	480.17	474.79	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.01	4.55	8.85	5.14	67.23	ppb
Selenium	78-2	5.83	4.71	3.92	4.82	19.91	ppb
Selenium	82-1	4.50	5.01	4.04	4.51	10.75	ppb
Silicon	28-1	20.26	19.44	18.26	19.32	5.19	ppb
Silver	109-1	1.20	1.19	1.23	1.21	1.97	ppb
Silver	107-1	1.27	1.28	1.16	1.24	5.20	ppb
Sodium	23-2	462.71	467.30	489.23	473.08	3.00	ppb
Strontium	86-1	0.96	0.76	0.89	0.87	11.60	ppb
Strontium	88-1	0.97	0.96	0.93	0.95	2.18	ppb
Sulfur	34-1	529.34	453.95	573.92	519.07	11.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.94	0.94	0.93	0.71	ppb
Thallium	205-1	1.00	0.93	0.95	0.96	4.06	ppb
Tin	118-1	4.41	4.42	4.38	4.40	0.44	ppb
Titanium	47-1	4.33	4.11	4.21	4.22	2.61	ppb
Uranium	238-1	0.91	0.92	0.89	0.90	1.33	ppb
Vanadium	51-2	4.45	4.37	4.46	4.43	1.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.80	2.11	2.06	1.99	8.47	ppb
Zirconium	90-1	0.86	0.88	0.91	0.89	2.90	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:52:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.93	0.98	0.93	5.18	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:56:10	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1102.29	1010.08	1006.20	1039.52	5.23	ppb
Antimony	121-1	46.73	49.22	48.59	48.18	2.68	ppb
Arsenic	75-2	54.98	49.86	51.21	52.01	5.10	ppb
Barium	135-1	241.43	247.21	243.92	244.18	1.19	ppb
Barium	137-1	242.52	250.85	246.82	246.73	1.69	ppb
Beryllium	9-1	49.14	51.78	51.07	50.66	2.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.85	45.52	48.58	46.32	4.29	ppb
Boron	11-1	45.58	48.13	48.39	47.36	3.28	ppb
Cadmium	111-1	50.58	52.25	51.51	51.45	1.62	ppb
Cadmium	106-1	47.15	51.67	50.35	49.72	4.68	ppb
Cadmium	108-1	50.74	52.05	51.53	51.44	1.28	ppb
Calcium	43-1	4589.15	4703.22	4745.58	4679.32	1.73	ppb
Calcium	44-1	4648.21	4816.78	4831.78	4765.59	2.14	ppb
Chromium	52-2	54.95	51.07	50.78	52.27	4.45	ppb
Cobalt	59-2	54.74	51.70	51.01	52.48	3.78	ppb
Copper	63-2	112.79	104.91	104.39	107.36	4.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2900.95	2705.25	2718.74	2774.98	3.94	ppb
Iron	57-2	2847.90	2680.86	2653.95	2727.57	3.85	ppb
Lead	206-1	46.63	48.25	48.54	47.81	2.15	ppb
Lead	207-1	46.25	48.49	48.30	47.68	2.61	ppb
Lead	208-1	46.50	48.55	48.72	47.92	2.58	ppb
Lithium	6-1						%
Magnesium	24-2	5479.23	5135.01	5165.40	5259.88	3.62	ppb
Manganese	55-2	108.66	102.34	101.89	104.29	3.63	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:56:10	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	45.95	46.72	46.89	46.52	1.08	ppb
Molybdenum	95-1	47.76	49.17	49.25	48.72	1.72	ppb
Molybdenum	96-1	47.56	48.69	49.13	48.46	1.67	ppb
Molybdenum	97-1	47.96	50.27	49.21	49.15	2.35	ppb
Molybdenum	98-1	47.61	49.53	49.41	48.85	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.28	53.34	52.40	54.01	3.74	ppb
Phosphorus	31-2	1054.81	1120.59	1030.39	1068.60	4.37	ppb
Potassium	39-2	2750.76	2526.44	2547.38	2608.19	4.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	47.54	50.32	45.09	47.65	5.49	ppb
Selenium	78-2	48.93	48.25	58.62	51.94	11.17	ppb
Selenium	82-1	51.38	52.07	53.03	52.16	1.59	ppb
Silicon	28-1	41.69	45.69	45.36	44.25	5.01	ppb
Silver	109-1	49.76	51.65	51.44	50.95	2.03	ppb
Silver	107-1	49.59	51.35	50.99	50.65	1.83	ppb
Sodium	23-2	5578.96	5188.30	5180.09	5315.78	4.29	ppb
Strontium	86-1	48.49	50.20	50.17	49.62	1.96	ppb
Strontium	88-1	49.30	50.79	51.18	50.42	1.97	ppb
Sulfur	34-1	-194.37	39.46	173.47	6.19	3008.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	45.98	47.91	47.48	47.12	2.15	ppb
Thallium	205-1	46.40	48.57	48.75	47.90	2.74	ppb
Tin	118-1	47.49	49.56	48.43	48.50	2.14	ppb
Titanium	47-1	47.89	50.70	49.29	49.29	2.85	ppb
Uranium	238-1	45.40	47.52	47.45	46.79	2.57	ppb
Vanadium	51-2	53.59	50.17	50.75	51.50	3.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	113.53	105.96	107.26	108.91	3.72	ppb
Zirconium	90-1	45.25	46.26	46.35	45.95	1.33	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:56:10	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	45.32	46.99	47.80	46.70	2.71	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:59:58	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2492.43	2516.60	2510.35	2506.46	0.50	ppb
Antimony	121-1	127.36	124.76	124.11	125.41	1.37	ppb
Arsenic	75-2	126.48	127.00	126.49	126.66	0.23	ppb
Barium	135-1	632.53	615.95	615.08	621.19	1.58	ppb
Barium	137-1	637.52	622.74	617.53	625.93	1.66	ppb
Beryllium	9-1	127.21	127.25	127.46	127.31	0.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	121.28	127.55	119.26	122.70	3.52	ppb
Boron	11-1	119.53	121.35	123.57	121.48	1.66	ppb
Cadmium	111-1	131.46	127.08	129.19	129.24	1.69	ppb
Cadmium	106-1	128.74	124.19	120.08	124.34	3.49	ppb
Cadmium	108-1	131.46	129.12	127.96	129.51	1.38	ppb
Calcium	43-1	12265.84	11980.03	11876.23	12040.70	1.68	ppb
Calcium	44-1	12458.38	12205.88	12240.37	12301.54	1.11	ppb
Chromium	52-2	125.77	127.49	126.02	126.43	0.73	ppb
Cobalt	59-2	127.38	128.62	126.57	127.52	0.81	ppb
Copper	63-2	260.35	262.38	257.65	260.12	0.91	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	6606.89	6677.49	6546.22	6610.20	0.99	ppb
Iron	57-2	6603.03	6670.03	6523.73	6598.93	1.11	ppb
Lead	206-1	124.98	121.16	119.86	122.00	2.18	ppb
Lead	207-1	124.65	121.78	119.91	122.11	1.96	ppb
Lead	208-1	124.91	122.27	120.73	122.64	1.73	ppb
Lithium	6-1						%
Magnesium	24-2	12714.42	12876.60	12650.02	12747.01	0.92	ppb
Manganese	55-2	251.96	253.23	251.93	252.37	0.29	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:59:58	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	122.36	119.99	120.35	120.90	1.06	ppb
Molybdenum	95-1	124.24	123.94	123.34	123.84	0.37	ppb
Molybdenum	96-1	123.23	121.52	121.97	122.24	0.72	ppb
Molybdenum	97-1	124.02	124.11	122.89	123.68	0.55	ppb
Molybdenum	98-1	124.50	122.13	122.90	123.18	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.53	131.04	129.06	129.88	0.79	ppb
Phosphorus	31-2	2436.49	2545.18	2591.90	2524.52	3.16	ppb
Potassium	39-2	6344.43	6414.19	6274.50	6344.37	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	136.53	132.65	132.00	133.73	1.83	ppb
Selenium	78-2	124.52	121.58	131.74	125.95	4.15	ppb
Selenium	82-1	134.77	130.39	128.37	131.18	2.49	ppb
Silicon	28-1	128.04	124.61	125.86	126.17	1.38	ppb
Silver	109-1	130.73	126.30	127.71	128.25	1.77	ppb
Silver	107-1	130.56	126.31	126.83	127.90	1.81	ppb
Sodium	23-2	12959.82	13152.05	12906.52	13006.13	0.99	ppb
Strontium	86-1	125.69	125.05	124.15	124.96	0.62	ppb
Strontium	88-1	127.51	125.91	125.98	126.47	0.72	ppb
Sulfur	34-1	1869.31	1646.17	1775.74	1763.74	6.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	121.94	119.14	119.04	120.04	1.37	ppb
Thallium	205-1	125.88	122.92	121.36	123.39	1.86	ppb
Tin	118-1	126.40	123.49	122.60	124.16	1.60	ppb
Titanium	47-1	126.72	126.63	124.95	126.10	0.79	ppb
Uranium	238-1	122.58	121.07	119.50	121.05	1.27	ppb
Vanadium	51-2	125.16	126.59	124.22	125.32	0.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	260.73	263.52	262.38	262.21	0.53	ppb
Zirconium	90-1	122.31	119.45	120.41	120.72	1.21	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:59:58	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.78	119.13	120.34	120.75	1.54	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:03:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5005.76	4932.00	5023.70	4987.15	0.97	ppb
Antimony	121-1	248.06	246.22	250.90	248.39	0.95	ppb
Arsenic	75-2	253.78	253.11	249.90	252.26	0.82	ppb
Barium	135-1	1252.09	1222.89	1251.01	1242.00	1.33	ppb
Barium	137-1	1253.28	1238.02	1266.35	1252.55	1.13	ppb
Beryllium	9-1	250.47	247.15	251.01	249.54	0.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	239.36	231.75	248.92	240.01	3.59	ppb
Boron	11-1	238.60	238.21	245.72	240.84	1.76	ppb
Cadmium	111-1	253.47	249.83	257.58	253.63	1.53	ppb
Cadmium	106-1	257.99	250.80	247.51	252.10	2.13	ppb
Cadmium	108-1	260.43	254.35	253.79	256.19	1.44	ppb
Calcium	43-1	23223.61	23222.14	23706.22	23383.99	1.19	ppb
Calcium	44-1	23455.66	23770.95	23599.91	23608.84	0.67	ppb
Chromium	52-2	252.42	253.36	250.34	252.04	0.61	ppb
Cobalt	59-2	256.29	253.92	254.77	254.99	0.47	ppb
Copper	63-2	516.75	512.58	514.29	514.54	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	13222.62	13179.76	13077.11	13159.83	0.57	ppb
Iron	57-2	13276.19	13150.80	13223.94	13216.98	0.48	ppb
Lead	206-1	244.14	239.97	242.87	242.33	0.88	ppb
Lead	207-1	243.63	240.45	242.29	242.12	0.66	ppb
Lead	208-1	244.10	242.37	244.38	243.62	0.45	ppb
Lithium	6-1						%
Magnesium	24-2	25750.97	25421.23	25327.25	25499.82	0.87	ppb
Manganese	55-2	509.12	504.82	503.15	505.70	0.61	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:03:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	240.55	239.77	243.31	241.21	0.77	ppb
Molybdenum	95-1	245.86	243.41	250.03	246.43	1.36	ppb
Molybdenum	96-1	244.63	241.91	247.14	244.56	1.07	ppb
Molybdenum	97-1	248.58	246.11	248.64	247.78	0.58	ppb
Molybdenum	98-1	245.61	243.79	248.32	245.91	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.54	258.05	257.90	257.16	0.55	ppb
Phosphorus	31-2	5107.23	4978.14	4817.53	4967.63	2.92	ppb
Potassium	39-2	12700.24	12694.76	12653.09	12682.70	0.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	240.92	259.60	243.87	248.13	4.05	ppb
Selenium	78-2	243.56	255.37	257.50	252.14	2.98	ppb
Selenium	82-1	254.26	249.73	253.56	252.51	0.96	ppb
Silicon	28-1	241.93	247.90	246.32	245.38	1.26	ppb
Silver	109-1	253.20	250.43	255.05	252.89	0.92	ppb
Silver	107-1	251.47	253.05	256.23	253.58	0.95	ppb
Sodium	23-2	25526.54	25296.20	25434.48	25419.07	0.46	ppb
Strontium	86-1	248.86	247.15	251.04	249.02	0.78	ppb
Strontium	88-1	253.67	252.05	254.66	253.46	0.52	ppb
Sulfur	34-1	3703.26	3588.26	3561.07	3617.53	2.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	240.66	237.45	239.22	239.11	0.67	ppb
Thallium	205-1	249.04	245.27	246.94	247.09	0.76	ppb
Tin	118-1	245.18	244.18	248.90	246.08	1.01	ppb
Titanium	47-1	246.53	247.12	247.69	247.11	0.23	ppb
Uranium	238-1	245.56	243.63	245.37	244.85	0.43	ppb
Vanadium	51-2	251.45	250.77	250.23	250.82	0.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	522.41	522.68	518.63	521.24	0.43	ppb
Zirconium	90-1	241.07	239.59	243.24	241.30	0.76	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:03:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	240.90	240.77	244.79	242.15	0.94	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:07:25	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9796.90	9672.24	9880.20	9783.12	1.07	ppb
Antimony	121-1	516.20	520.51	500.63	512.45	2.04	ppb
Arsenic	75-2	499.14	498.49	505.58	501.07	0.78	ppb
Barium	135-1	2613.09	2587.19	2526.81	2575.70	1.72	ppb
Barium	137-1	2555.19	2548.54	2491.10	2531.61	1.39	ppb
Beryllium	9-1	513.58	509.93	494.76	506.09	1.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	492.27	507.29	495.30	498.29	1.59	ppb
Boron	11-1	499.99	493.69	491.32	495.00	0.91	ppb
Cadmium	111-1	528.81	519.21	504.51	517.51	2.37	ppb
Cadmium	106-1	525.04	511.33	504.79	513.72	2.01	ppb
Cadmium	108-1	525.44	516.98	504.11	515.51	2.08	ppb
Calcium	43-1	48131.17	50528.97	47015.22	48558.45	3.70	ppb
Calcium	44-1	48686.78	50247.02	47306.80	48746.86	3.02	ppb
Chromium	52-2	499.54	497.17	508.03	501.58	1.14	ppb
Cobalt	59-2	503.23	499.07	509.69	504.00	1.06	ppb
Copper	63-2	1010.29	1000.94	1020.38	1010.54	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26059.38	25810.42	26414.84	26094.88	1.16	ppb
Iron	57-2	26258.41	25887.95	26326.03	26157.47	0.90	ppb
Lead	206-1	503.81	514.24	487.01	501.69	2.74	ppb
Lead	207-1	502.30	514.18	487.17	501.22	2.70	ppb
Lead	208-1	510.25	518.62	493.18	507.35	2.56	ppb
Lithium	6-1						%
Magnesium	24-2	49716.66	49349.28	50149.01	49738.31	0.80	ppb
Manganese	55-2	1000.26	996.20	1013.96	1003.47	0.93	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:07:25	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	506.98	509.53	485.11	500.54	2.68	ppb
Molybdenum	95-1	513.72	515.55	487.91	505.73	3.06	ppb
Molybdenum	96-1	512.35	513.63	488.74	504.91	2.78	ppb
Molybdenum	97-1	510.88	515.54	494.37	506.93	2.19	ppb
Molybdenum	98-1	508.06	512.59	490.89	503.85	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.30	500.05	512.72	505.03	1.34	ppb
Phosphorus	31-2	10186.32	9707.12	10488.17	10127.20	3.89	ppb
Potassium	39-2	25477.45	25250.19	25699.75	25475.80	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	465.23	521.17	510.24	498.88	5.94	ppb
Selenium	78-2	504.02	484.76	507.00	498.59	2.42	ppb
Selenium	82-1	517.70	522.80	493.28	511.26	3.09	ppb
Silicon	28-1	518.40	534.62	498.78	517.27	3.47	ppb
Silver	109-1	521.66	521.46	502.61	515.24	2.12	ppb
Silver	107-1	519.85	518.28	502.40	513.51	1.88	ppb
Sodium	23-2	50275.09	49710.35	50824.70	50270.05	1.11	ppb
Strontium	86-1	513.50	518.23	497.91	509.88	2.08	ppb
Strontium	88-1	518.73	522.34	493.94	511.67	3.02	ppb
Sulfur	34-1	10129.07	10578.51	8942.74	9883.44	8.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	501.35	510.11	482.22	497.89	2.86	ppb
Thallium	205-1	507.67	514.51	483.99	502.06	3.19	ppb
Tin	118-1	514.47	508.24	493.16	505.29	2.17	ppb
Titanium	47-1	511.20	525.92	491.37	509.49	3.40	ppb
Uranium	238-1	505.10	514.51	487.73	502.44	2.70	ppb
Vanadium	51-2	498.47	495.05	504.19	499.24	0.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1017.41	1001.76	1027.75	1015.64	1.29	ppb
Zirconium	90-1	512.49	516.20	488.82	505.84	2.94	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:07:25	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.63	513.38	488.53	503.18	2.59	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:11:04	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19454.54	19610.77	19482.65	19515.99	0.43	ppb
Antimony	121-1	1003.51	988.99	990.15	994.22	0.81	ppb
Arsenic	75-2	1004.00	990.47	1001.30	998.59	0.72	ppb
Barium	135-1	5009.44	4933.29	4952.04	4964.92	0.80	ppb
Barium	137-1	5020.12	4950.17	4980.53	4983.61	0.70	ppb
Beryllium	9-1	997.41	994.75	998.09	996.75	0.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	995.72	1001.71	1014.40	1003.94	0.95	ppb
Boron	11-1	986.38	1002.83	1027.13	1005.45	2.04	ppb
Cadmium	111-1	1005.93	983.86	979.41	989.74	1.43	ppb
Cadmium	106-1	1005.62	989.12	983.39	992.71	1.16	ppb
Cadmium	108-1	999.67	981.23	989.28	990.06	0.93	ppb
Calcium	43-1	94714.00	94930.40	94388.83	94677.74	0.29	ppb
Calcium	44-1	95083.62	96356.52	95092.85	95510.99	0.77	ppb
Chromium	52-2	997.96	995.97	1001.30	998.41	0.27	ppb
Cobalt	59-2	992.82	996.31	999.81	996.31	0.35	ppb
Copper	63-2	1989.33	1990.62	1988.44	1989.46	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51671.38	51503.04	51606.17	51593.53	0.16	ppb
Iron	57-2	51567.01	51933.00	51724.72	51741.57	0.35	ppb
Lead	206-1	1000.46	994.12	1010.09	1001.56	0.80	ppb
Lead	207-1	1001.82	1000.72	1002.98	1001.84	0.11	ppb
Lead	208-1	997.11	994.78	1003.07	998.32	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	97990.33	99242.18	98368.84	98533.78	0.65	ppb
Manganese	55-2	2000.05	1986.63	2002.31	1996.33	0.42	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:11:04	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1004.73	1004.65	998.50	1002.63	0.36	ppb
Molybdenum	95-1	995.26	1005.21	994.26	998.24	0.61	ppb
Molybdenum	96-1	1003.62	999.51	994.87	999.33	0.44	ppb
Molybdenum	97-1	999.29	1001.69	990.93	997.30	0.57	ppb
Molybdenum	98-1	997.31	1008.58	992.27	999.39	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.25	994.92	995.49	994.89	0.06	ppb
Phosphorus	31-2	19940.42	20233.45	19640.12	19937.99	1.49	ppb
Potassium	39-2	49977.81	49827.39	49846.76	49883.98	0.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	968.97	1036.89	994.29	1000.05	3.43	ppb
Selenium	78-2	986.81	1008.06	1004.99	999.95	1.15	ppb
Selenium	82-1	1002.05	994.64	981.91	992.86	1.03	ppb
Silicon	28-1	993.94	997.74	986.03	992.57	0.60	ppb
Silver	109-1	1008.28	984.05	981.28	991.20	1.50	ppb
Silver	107-1	1003.74	986.46	985.65	991.95	1.03	ppb
Sodium	23-2	99588.47	100173.18	99649.94	99803.86	0.32	ppb
Strontium	86-1	999.17	1000.04	986.77	995.33	0.75	ppb
Strontium	88-1	996.01	998.71	984.56	993.09	0.76	ppb
Sulfur	34-1	20726.03	20649.32	20261.52	20545.62	1.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	999.67	1001.96	1011.99	1004.54	0.65	ppb
Thallium	205-1	1006.66	992.77	1000.60	1000.01	0.70	ppb
Tin	118-1	1008.36	997.27	989.92	998.52	0.93	ppb
Titanium	47-1	995.45	999.30	992.88	995.88	0.32	ppb
Uranium	238-1	994.97	1004.44	1002.74	1000.72	0.50	ppb
Vanadium	51-2	997.62	997.54	1005.04	1000.07	0.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1980.42	1993.26	1981.01	1984.90	0.37	ppb
Zirconium	90-1	999.07	1009.95	990.97	999.99	0.95	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:11:04	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1002.44	1005.24	995.52	1001.07	0.50	ppb

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:14:39 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100209.46	100899.75	99246.52	100118.58	0.83	ppb
Antimony	121-1	4.10	3.94	3.88	3.97	2.80	ppb
Arsenic	75-2	0.94	0.79	0.85	0.86	8.69	ppb
Barium	135-1	2.53	2.72	2.49	2.58	4.78	ppb
Barium	137-1	2.65	2.62	2.65	2.64	0.64	ppb
Beryllium	9-1	1.69	1.24	1.38	1.44	15.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	69.17	66.94	61.12	65.74	6.32	ppb
Boron	11-1	67.08	63.35	60.35	63.59	5.30	ppb
Cadmium	111-1	0.17	0.24	0.31	0.24	29.58	ppb
Cadmium	106-1	-1.36	0.19	0.99	-0.06		ppb
Cadmium	108-1	0.33	0.51	0.55	0.47	24.87	ppb
Calcium	43-1	499230.01	501652.31	503030.24	501304.19	0.38	ppb
Calcium	44-1	499877.88	501589.66	501832.62	501100.05	0.21	ppb
Chromium	52-2	29.49	29.25	28.94	29.23	0.94	ppb
Cobalt	59-2	1.76	1.78	1.71	1.75	2.01	ppb
Copper	63-2	4.49	4.65	4.29	4.48	3.99	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	251491.69	249148.38	247941.11	249527.06	0.72	ppb
Iron	57-2	252985.87	247913.93	247567.47	249489.09	1.22	ppb
Lead	206-1	2.04	2.07	2.05	2.05	0.59	ppb
Lead	207-1	2.07	1.96	1.99	2.01	2.74	ppb
Lead	208-1	2.03	2.01	2.00	2.01	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	501943.77	501780.76	497132.56	500285.70	0.55	ppb
Manganese	55-2	10.52	10.66	10.74	10.64	1.04	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:14:39	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.08	2.02	2.06	2.06	1.54	ppb
Molybdenum	95-1	5.57	5.48	5.28	5.44	2.75	ppb
Molybdenum	96-1	6.16	6.42	5.91	6.16	4.14	ppb
Molybdenum	97-1	5.69	5.73	5.45	5.62	2.65	ppb
Molybdenum	98-1	5.62	5.41	5.43	5.48	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.04	16.18	16.70	16.64	2.59	ppb
Phosphorus	31-2	24.39	32.36	40.17	32.31	24.41	ppb
Potassium	39-2	251004.64	250395.12	248489.54	249963.10	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.28	-0.52	0.27	0.01	4637.04	ppb
Selenium	78-2	1.31	0.87	0.44	0.87	49.96	ppb
Selenium	82-1	2.11	2.24	1.25	1.87	28.67	ppb
Silicon	28-1	12.63	12.01	11.83	12.16	3.47	ppb
Silver	109-1	0.23	0.22	0.24	0.23	4.20	ppb
Silver	107-1	0.25	0.24	0.26	0.25	3.94	ppb
Sodium	23-2	502916.20	500686.83	496323.43	499975.48	0.67	ppb
Strontium	86-1	35.16	35.17	34.92	35.08	0.40	ppb
Strontium	88-1	34.98	35.27	35.05	35.10	0.43	ppb
Sulfur	34-1	-1257.89	-1064.08	-1032.06	-1118.01		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.81	0.81	0.78	0.80	2.23	ppb
Thallium	205-1	0.85	0.86	0.81	0.84	2.73	ppb
Tin	118-1	1.82	1.82	1.71	1.78	3.39	ppb
Titanium	47-1	1.74	6.42	1.94	3.37	78.48	ppb
Uranium	238-1	0.33	0.29	0.30	0.31	5.79	ppb
Vanadium	51-2	0.57	0.52	0.53	0.54	4.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.69	16.74	16.52	16.65	0.69	ppb
Zirconium	90-1	0.38	0.35	0.35	0.36	4.79	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:14:39	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.37	0.34	0.37	6.85	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:18:22	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.19	500.55	486.96	495.57	1.51	ppb
Antimony	121-1	196.41	197.18	195.90	196.50	0.33	ppb
Arsenic	75-2	205.18	199.99	197.60	200.92	1.93	ppb
Barium	135-1	99.68	100.20	99.27	99.72	0.46	ppb
Barium	137-1	100.99	99.74	98.78	99.84	1.11	ppb
Beryllium	9-1	97.91	99.99	100.39	99.43	1.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	443.34	461.89	454.02	453.08	2.06	ppb
Boron	11-1	445.35	463.72	476.63	461.90	3.40	ppb
Cadmium	111-1	107.09	106.92	106.18	106.73	0.45	ppb
Cadmium	106-1	181.59	184.03	181.90	182.50	0.73	ppb
Cadmium	108-1	154.16	152.90	150.40	152.48	1.26	ppb
Calcium	43-1	2049.39	2014.81	1969.26	2011.15	2.00	ppb
Calcium	44-1	1989.56	2010.37	1976.96	1992.30	0.85	ppb
Chromium	52-2	95.90	97.09	97.33	96.77	0.79	ppb
Cobalt	59-2	99.70	101.27	100.88	100.62	0.81	ppb
Copper	63-2	100.82	102.51	103.49	102.27	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1046.88	1054.76	1058.20	1053.28	0.55	ppb
Iron	57-2	1028.47	1023.20	1049.40	1033.69	1.34	ppb
Lead	206-1	193.63	194.33	195.46	194.47	0.48	ppb
Lead	207-1	185.72	189.88	187.26	187.62	1.12	ppb
Lead	208-1	190.71	193.30	192.73	192.25	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	1159.14	1182.33	1184.92	1175.46	1.21	ppb
Manganese	55-2	98.28	98.55	98.47	98.43	0.14	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:18:22	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	488.23	490.24	490.53	489.67	0.26	ppb
Molybdenum	95-1	474.49	476.24	478.34	476.36	0.40	ppb
Molybdenum	96-1	474.71	478.43	479.14	477.43	0.50	ppb
Molybdenum	97-1	471.61	472.34	472.18	472.04	0.08	ppb
Molybdenum	98-1	472.27	472.95	474.61	473.28	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.68	101.95	101.01	101.55	0.48	ppb
Phosphorus	31-2	7.12	-6.09	4.75	1.92	365.92	ppb
Potassium	39-2	1995.38	1997.31	1994.08	1995.59	0.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	199.58	191.22	208.64	199.81	4.36	ppb
Selenium	78-2	193.51	197.93	214.26	201.90	5.41	ppb
Selenium	82-1	206.59	203.65	207.51	205.92	0.98	ppb
Silicon	28-1	466.98	475.18	466.93	469.70	1.01	ppb
Silver	109-1	103.09	102.86	100.90	102.28	1.18	ppb
Silver	107-1	102.05	103.31	101.56	102.31	0.88	ppb
Sodium	23-2	2036.87	2074.53	2054.01	2055.14	0.92	ppb
Strontium	86-1	479.82	483.35	487.57	483.58	0.80	ppb
Strontium	88-1	488.39	489.59	488.04	488.67	0.17	ppb
Sulfur	34-1	-1564.98	-1618.35	-1621.18	-1601.51		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	191.72	196.64	194.25	194.21	1.27	ppb
Thallium	205-1	198.31	202.03	202.82	201.05	1.20	ppb
Tin	118-1	487.87	487.85	480.97	485.56	0.82	ppb
Titanium	47-1	484.27	486.43	481.15	483.95	0.55	ppb
Uranium	238-1	497.06	503.97	497.77	499.60	0.76	ppb
Vanadium	51-2	96.79	96.98	97.32	97.03	0.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	204.41	208.16	207.82	206.80	1.00	ppb
Zirconium	90-1	503.83	507.42	507.32	506.19	0.40	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:18:22	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.02	499.40	504.04	501.49	0.47	ppb

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:25:16 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	-0.01	0.96	0.46	106.14	ppb
Antimony	121-1	0.37	0.34	0.36	0.36	3.58	ppb
Arsenic	75-2	0.08	0.06	0.09	0.08	24.65	ppb
Barium	135-1	0.01	0.02	0.01	0.01	66.20	ppb
Barium	137-1	0.03	0.01	0.01	0.01	63.16	ppb
Beryllium	9-1	0.38	0.48	0.37	0.41	14.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.50	21.11	20.67	20.42	4.07	ppb
Boron	11-1	22.29	21.12	20.13	21.18	5.11	ppb
Cadmium	111-1	-0.22	-0.10	-0.09	-0.13		ppb
Cadmium	106-1	-2.96	-1.52	-1.41	-1.96		ppb
Cadmium	108-1	-0.01	0.19	0.10	0.09	108.59	ppb
Calcium	43-1	5.32	7.60	1.83	4.92	59.13	ppb
Calcium	44-1	7.65	8.01	7.53	7.73	3.22	ppb
Chromium	52-2	-0.11	-0.05	-0.12	-0.09		ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	22.71	ppb
Copper	63-2	0.07	0.10	0.10	0.09	21.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.98	4.96	4.76	4.90	2.46	ppb
Iron	57-2	4.23	5.45	1.60	3.76	52.28	ppb
Lead	206-1	0.05	0.07	0.08	0.07	17.74	ppb
Lead	207-1	0.06	0.08	0.06	0.07	17.61	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.30	ppb
Lithium	6-1						%
Magnesium	24-2	-12.45	-10.41	-12.38	-11.74		ppb
Manganese	55-2	0.02	0.02	0.00	0.01	116.29	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:25:16	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.05	0.06	0.06	29.49	ppb
Molybdenum	95-1	0.24	0.21	0.21	0.22	7.99	ppb
Molybdenum	96-1	0.23	0.19	0.22	0.21	9.41	ppb
Molybdenum	97-1	0.19	0.23	0.22	0.21	7.73	ppb
Molybdenum	98-1	0.19	0.21	0.20	0.20	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.17	-0.11	-0.11		ppb
Phosphorus	31-2	-0.86	3.48	-14.58	-3.99		ppb
Potassium	39-2	-6.65	-16.56	-13.41	-12.21		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.52	0.20	-0.52	-0.28		ppb
Selenium	78-2	1.13	-0.40	-1.16	-0.14		ppb
Selenium	82-1	0.92	0.74	0.41	0.69	37.22	ppb
Silicon	28-1	-10.93	-10.44	-10.31	-10.56		ppb
Silver	109-1	0.01	0.02	0.01	0.01	36.61	ppb
Silver	107-1	0.01	0.00	0.00	0.00	111.89	ppb
Sodium	23-2	28.06	27.10	30.50	28.56	6.13	ppb
Strontium	86-1	-0.06	-0.02	0.01	-0.02		ppb
Strontium	88-1	0.02	0.02	0.01	0.01	44.62	ppb
Sulfur	34-1	-1315.53	-1310.35	-1399.20	-1341.69		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.06	0.05	5.26	ppb
Thallium	205-1	0.05	0.07	0.04	0.05	27.49	ppb
Tin	118-1	0.24	0.27	0.20	0.24	15.26	ppb
Titanium	47-1	0.04	0.02	-0.01	0.02	137.36	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.17	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	215.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.33	0.27	0.30	11.12	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	29.42	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:25:16	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	19.08	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:28:46	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94038.92	91295.69	92232.88	92522.50	1.51	ppb
Antimony	121-1	1.36	1.34	1.33	1.34	0.90	ppb
Arsenic	75-2	0.31	0.31	0.51	0.38	30.89	ppb
Barium	135-1	1.43	1.55	1.48	1.49	4.03	ppb
Barium	137-1	1.49	1.36	1.45	1.43	4.76	ppb
Beryllium	9-1	0.64	0.63	0.57	0.61	6.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.82	16.75	15.09	15.89	5.24	ppb
Boron	11-1	16.81	16.38	16.27	16.48	1.73	ppb
Cadmium	111-1	0.33	0.24	0.23	0.27	19.85	ppb
Cadmium	106-1	-2.36	-2.34	-1.96	-2.22		ppb
Cadmium	108-1	9.64	10.09	9.31	9.68	4.05	ppb
Calcium	43-1	92596.45	92680.71	91278.21	92185.12	0.85	ppb
Calcium	44-1	93933.42	94529.67	92978.63	93813.90	0.83	ppb
Chromium	52-2	19.85	19.15	19.61	19.53	1.81	ppb
Cobalt	59-2	1.16	1.25	1.13	1.18	5.14	ppb
Copper	63-2	8.02	7.91	8.11	8.01	1.25	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	103958.46	101153.45	102006.14	102372.69	1.40	ppb
Iron	57-2	104085.40	101688.00	102620.03	102797.81	1.18	ppb
Lead	206-1	4.80	4.72	4.69	4.74	1.14	ppb
Lead	207-1	4.38	4.19	4.24	4.27	2.34	ppb
Lead	208-1	4.52	4.40	4.38	4.44	1.62	ppb
Lithium	6-1						%
Magnesium	24-2	96895.82	94732.75	95224.32	95617.63	1.19	ppb
Manganese	55-2	8.12	7.98	7.87	7.99	1.53	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:28:46	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	593.82	605.76	593.74	597.77	1.16	ppb
Molybdenum	95-1	1898.84	1905.85	1885.86	1896.85	0.53	ppb
Molybdenum	96-1	1596.82	1628.90	1604.22	1609.98	1.04	ppb
Molybdenum	97-1	1897.35	1910.01	1885.37	1897.58	0.65	ppb
Molybdenum	98-1	1896.49	1924.99	1894.67	1905.38	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.57	5.11	5.18	5.29	4.67	ppb
Phosphorus	31-2	98854.44	96942.60	97022.97	97606.67	1.11	ppb
Potassium	39-2	99636.13	97469.36	98525.08	98543.52	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.26	0.25	1.00	0.50	86.27	ppb
Selenium	78-2	0.20	-1.15	0.71	-0.08		ppb
Selenium	82-1	0.34	0.74	0.83	0.64	41.61	ppb
Silicon	28-1	18.30	18.62	18.30	18.41	1.00	ppb
Silver	109-1	0.09	0.08	0.10	0.09	11.04	ppb
Silver	107-1	0.06	0.10	0.11	0.09	26.34	ppb
Sodium	23-2	99600.40	96769.60	97866.18	98078.73	1.46	ppb
Strontium	86-1	32.94	33.29	33.78	33.34	1.27	ppb
Strontium	88-1	33.37	33.34	33.62	33.44	0.46	ppb
Sulfur	34-1	107466.10	107307.78	106295.85	107023.24	0.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.15	0.17	0.13	0.15	13.58	ppb
Thallium	205-1	0.14	0.16	0.17	0.16	10.64	ppb
Tin	118-1	0.58	0.52	0.54	0.54	5.82	ppb
Titanium	47-1	1950.07	1963.88	1927.41	1947.12	0.95	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	23.12	ppb
Vanadium	51-2	0.18	0.16	0.14	0.16	12.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.70	11.76	11.72	11.73	0.28	ppb
Zirconium	90-1	0.47	0.38	0.31	0.39	20.80	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:28:46	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.51	0.39	0.39	0.43	16.59	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:32:12	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89543.41	91331.38	90474.78	90449.86	0.99	ppb
Antimony	121-1	20.44	20.70	20.44	20.53	0.73	ppb
Arsenic	75-2	18.80	20.06	19.54	19.46	3.26	ppb
Barium	135-1	20.31	21.41	20.93	20.88	2.63	ppb
Barium	137-1	21.08	21.63	21.07	21.26	1.50	ppb
Beryllium	9-1	20.72	20.37	20.79	20.63	1.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	61.84	60.55	58.21	60.20	3.06	ppb
Boron	11-1	61.72	61.21	63.39	62.11	1.84	ppb
Cadmium	111-1	19.96	19.76	19.45	19.73	1.30	ppb
Cadmium	106-1	25.39	24.34	23.16	24.30	4.61	ppb
Cadmium	108-1	33.14	30.15	32.31	31.87	4.83	ppb
Calcium	43-1	91527.72	92093.32	91579.62	91733.55	0.34	ppb
Calcium	44-1	93032.58	93736.52	93092.03	93287.04	0.42	ppb
Chromium	52-2	38.29	38.82	38.50	38.54	0.70	ppb
Cobalt	59-2	20.52	21.08	20.80	20.80	1.34	ppb
Copper	63-2	27.08	27.62	27.89	27.53	1.50	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	99036.81	101100.82	99459.57	99865.73	1.09	ppb
Iron	57-2	100026.61	101088.67	100033.66	100382.98	0.61	ppb
Lead	206-1	24.38	24.50	24.59	24.49	0.43	ppb
Lead	207-1	22.15	22.52	22.54	22.40	0.97	ppb
Lead	208-1	23.15	23.51	23.41	23.36	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	92591.03	94275.12	92688.50	93184.88	1.01	ppb
Manganese	55-2	26.88	27.73	26.84	27.15	1.85	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:32:12	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	641.89	641.82	649.50	644.41	0.69	ppb
Molybdenum	95-1	1910.89	1940.58	1952.34	1934.61	1.10	ppb
Molybdenum	96-1	1628.75	1647.01	1671.64	1649.13	1.31	ppb
Molybdenum	97-1	1913.61	1938.36	1952.98	1934.98	1.03	ppb
Molybdenum	98-1	1910.54	1938.90	1940.46	1929.97	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.81	24.65	24.61	24.69	0.42	ppb
Phosphorus	31-2	94943.37	97752.05	94528.57	95741.33	1.83	ppb
Potassium	39-2	96343.54	98098.86	96420.88	96954.43	1.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	24.14	16.97	13.77	18.29	29.01	ppb
Selenium	78-2	17.77	17.79	19.06	18.20	4.06	ppb
Selenium	82-1	20.41	19.58	21.14	20.38	3.83	ppb
Silicon	28-1	66.04	68.59	67.17	67.27	1.90	ppb
Silver	109-1	18.32	18.68	18.80	18.60	1.35	ppb
Silver	107-1	18.53	18.55	18.10	18.39	1.38	ppb
Sodium	23-2	94977.50	97258.83	95786.41	96007.58	1.20	ppb
Strontium	86-1	81.19	80.40	82.11	81.23	1.05	ppb
Strontium	88-1	81.35	81.99	82.97	82.10	1.00	ppb
Sulfur	34-1	105159.75	105679.89	105551.67	105463.77	0.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.75	19.77	19.81	19.78	0.14	ppb
Thallium	205-1	19.99	20.11	20.19	20.10	0.49	ppb
Tin	118-1	47.73	47.36	47.59	47.56	0.39	ppb
Titanium	47-1	1965.18	1993.74	1995.47	1984.80	0.86	ppb
Uranium	238-1	47.89	48.09	48.33	48.10	0.46	ppb
Vanadium	51-2	19.42	19.42	19.34	19.39	0.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.40	31.55	30.95	30.97	1.86	ppb
Zirconium	90-1	49.66	50.22	50.97	50.29	1.30	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:32:12	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.42	49.97	51.44	50.61	1.49	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:49:49	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50267.89	50130.95	50207.48	50202.11	0.14	ppb
Antimony	121-1	493.70	498.57	495.50	495.92	0.50	ppb
Arsenic	75-2	497.92	502.63	499.74	500.10	0.47	ppb
Barium	135-1	2537.07	2563.19	2530.58	2543.61	0.68	ppb
Barium	137-1	2530.49	2538.72	2534.43	2534.55	0.16	ppb
Beryllium	9-1	526.07	527.57	519.78	524.47	0.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	510.60	514.14	518.96	514.56	0.82	ppb
Boron	11-1	520.27	536.66	531.79	529.57	1.59	ppb
Cadmium	111-1	486.90	493.46	487.15	489.17	0.76	ppb
Cadmium	106-1	494.58	497.66	500.05	497.43	0.55	ppb
Cadmium	108-1	487.18	486.86	487.27	487.10	0.04	ppb
Calcium	43-1	241072.77	241591.24	240607.03	241090.35	0.20	ppb
Calcium	44-1	240112.15	239777.59	238427.20	239438.98	0.37	ppb
Chromium	52-2	504.89	502.99	501.83	503.23	0.31	ppb
Cobalt	59-2	487.07	489.27	483.12	486.49	0.64	ppb
Copper	63-2	965.25	965.99	961.63	964.29	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124743.78	124523.60	124509.58	124592.32	0.11	ppb
Iron	57-2	126530.69	127502.73	126525.15	126852.86	0.44	ppb
Lead	206-1	505.63	508.61	506.38	506.87	0.31	ppb
Lead	207-1	510.02	508.27	507.60	508.63	0.25	ppb
Lead	208-1	514.49	513.31	511.72	513.17	0.27	ppb
Lithium	6-1						%
Magnesium	24-2	238108.28	237110.97	235797.60	237005.62	0.49	ppb
Manganese	55-2	973.80	974.06	970.73	972.86	0.19	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:49:49	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	512.28	508.86	506.69	509.27	0.55	ppb
Molybdenum	95-1	506.31	504.60	503.51	504.80	0.28	ppb
Molybdenum	96-1	504.46	503.01	500.08	502.51	0.44	ppb
Molybdenum	97-1	503.33	502.44	499.44	501.74	0.41	ppb
Molybdenum	98-1	508.17	503.11	498.34	503.21	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.97	487.36	482.84	485.72	0.52	ppb
Phosphorus	31-2	9898.12	10094.08	10337.54	10109.91	2.18	ppb
Potassium	39-2	123132.21	123356.77	123021.97	123170.32	0.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	531.03	492.50	490.66	504.73	4.52	ppb
Selenium	78-2	491.16	499.36	502.35	497.62	1.16	ppb
Selenium	82-1	491.84	495.11	489.71	492.22	0.55	ppb
Silicon	28-1	535.45	533.22	531.87	533.51	0.34	ppb
Silver	109-1	484.01	489.40	486.56	486.66	0.55	ppb
Silver	107-1	485.55	484.89	483.39	484.61	0.23	ppb
Sodium	23-2	242750.46	243126.56	242591.36	242822.79	0.11	ppb
Strontium	86-1	515.86	514.73	515.60	515.40	0.11	ppb
Strontium	88-1	519.51	521.92	515.32	518.92	0.64	ppb
Sulfur	34-1	9923.43	9940.78	9699.90	9854.70	1.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	509.16	510.99	506.70	508.95	0.42	ppb
Thallium	205-1	517.37	518.27	517.93	517.86	0.09	ppb
Tin	118-1	493.31	493.72	490.33	492.45	0.38	ppb
Titanium	47-1	510.73	512.16	505.71	509.53	0.66	ppb
Uranium	238-1	527.35	528.47	526.35	527.39	0.20	ppb
Vanadium	51-2	503.11	504.00	498.69	501.93	0.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	989.04	992.65	995.70	992.47	0.34	ppb
Zirconium	90-1	518.74	516.41	512.08	515.74	0.66	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:49:49	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.30	513.57	508.60	511.82	0.55	ppb

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : CCB27 Instrumnet Name : P7
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 16:07:22 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.16	-0.27	0.02	1322.98	ppb
Antimony	121-1	0.18	0.15	0.18	0.17	8.56	ppb
Arsenic	75-2	0.03	0.02	0.02	0.03	19.93	ppb
Barium	135-1	0.00	0.03	0.02	0.02	114.89	ppb
Barium	137-1	-0.01	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.27	0.20	0.26	0.24	15.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.56	4.47	5.70	5.25	12.84	ppb
Boron	11-1	4.78	4.77	5.20	4.92	5.02	ppb
Cadmium	111-1	-0.18	-0.10	-0.10	-0.13		ppb
Cadmium	106-1	-2.42	-1.37	-1.43	-1.74		ppb
Cadmium	108-1	0.07	0.03	-0.05	0.02	401.11	ppb
Calcium	43-1	0.44	0.20	0.65	0.43	51.16	ppb
Calcium	44-1	2.07	0.09	-0.23	0.64	194.83	ppb
Chromium	52-2	-0.02	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.02	0.00	0.01	69.02	ppb
Copper	63-2	0.04	0.09	0.05	0.06	42.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.98	5.19	4.70	4.96	4.90	ppb
Iron	57-2	3.95	3.01	3.92	3.62	14.75	ppb
Lead	206-1	0.05	0.05	0.07	0.06	11.49	ppb
Lead	207-1	0.05	0.07	0.05	0.06	11.91	ppb
Lead	208-1	0.05	0.05	0.05	0.05	7.78	ppb
Lithium	6-1						%
Magnesium	24-2	-11.74	-12.68	-10.51	-11.64		ppb
Manganese	55-2	0.00	0.02	-0.01	0.00	392.75	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:07:22	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.06	0.06	18.86	ppb
Molybdenum	95-1	0.08	0.09	0.06	0.08	19.65	ppb
Molybdenum	96-1	0.09	0.09	0.10	0.09	3.11	ppb
Molybdenum	97-1	0.10	0.08	0.08	0.08	15.16	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.10	8.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.08	-0.03	-0.07		ppb
Phosphorus	31-2	5.20	7.98	-22.11	-2.98		ppb
Potassium	39-2	5.75	13.70	12.25	10.56	40.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.77	0.24	0.24	0.75	118.18	ppb
Selenium	78-2	-0.92	0.74	-1.08	-0.42		ppb
Selenium	82-1	0.53	1.16	-0.77	0.31	321.51	ppb
Silicon	28-1	-0.39	-2.51	-2.07	-1.65		ppb
Silver	109-1	0.02	0.01	0.01	0.01	33.11	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.31	ppb
Sodium	23-2	32.04	35.44	34.96	34.14	5.39	ppb
Strontium	86-1	-0.02	0.00	-0.07	-0.03		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-825.32	-1393.44	-1248.62	-1155.79		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.04	0.03	31.13	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	17.09	ppb
Tin	118-1	0.12	0.10	0.11	0.11	8.32	ppb
Titanium	47-1	0.02	0.01	0.07	0.03	105.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	295.10	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	297.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.07	-0.02	0.02	0.02	177.82	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	6.30	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:07:22	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.06	0.10	0.08	26.44	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:10:51	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.89	13.34	16.76	15.33	11.60	ppb
Antimony	121-1	1.74	1.76	1.75	1.75	0.72	ppb
Arsenic	75-2	0.70	0.74	0.94	0.79	16.24	ppb
Barium	135-1	7.97	7.79	7.97	7.91	1.32	ppb
Barium	137-1	7.98	8.00	7.96	7.98	0.21	ppb
Beryllium	9-1	1.02	0.99	1.07	1.03	3.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.64	23.92	22.73	22.76	5.02	ppb
Boron	11-1	22.04	22.24	23.91	22.73	4.52	ppb
Cadmium	111-1	0.73	0.87	0.80	0.80	9.02	ppb
Cadmium	106-1	-1.28	0.38	-0.24	-0.38		ppb
Cadmium	108-1	0.96	1.28	1.04	1.09	15.11	ppb
Calcium	43-1	348.90	396.04	367.23	370.72	6.41	ppb
Calcium	44-1	369.73	375.09	382.89	375.90	1.76	ppb
Chromium	52-2	1.54	1.62	1.74	1.64	6.24	ppb
Cobalt	59-2	0.74	0.83	0.84	0.80	6.93	ppb
Copper	63-2	1.86	1.99	1.88	1.91	3.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.46	46.73	46.80	46.66	0.38	ppb
Iron	57-2	45.67	44.60	48.36	46.21	4.19	ppb
Lead	206-1	1.30	1.44	1.41	1.39	5.25	ppb
Lead	207-1	1.24	1.34	1.33	1.30	4.37	ppb
Lead	208-1	1.27	1.40	1.38	1.35	5.37	ppb
Lithium	6-1						%
Magnesium	24-2	382.87	388.59	389.14	386.87	0.90	ppb
Manganese	55-2	0.85	0.92	0.77	0.85	8.73	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:10:51	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.74	1.78	1.86	1.79	3.21	ppb
Molybdenum	95-1	3.84	3.92	3.88	3.88	1.07	ppb
Molybdenum	96-1	3.30	3.44	3.36	3.37	2.10	ppb
Molybdenum	97-1	3.77	4.05	3.92	3.91	3.64	ppb
Molybdenum	98-1	3.74	4.06	3.93	3.91	4.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.67	0.87	0.76	13.46	ppb
Phosphorus	31-2	0.98	7.23	18.14	8.78	98.92	ppb
Potassium	39-2	411.10	410.67	420.33	414.03	1.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.39	4.74	5.51	4.21	38.53	ppb
Selenium	78-2	3.99	3.13	3.04	3.39	15.53	ppb
Selenium	82-1	4.45	4.80	5.45	4.90	10.28	ppb
Silicon	28-1	0.37	-0.64	-0.59	-0.29		ppb
Silver	109-1	1.09	1.07	1.13	1.10	2.40	ppb
Silver	107-1	1.10	1.13	1.13	1.12	1.29	ppb
Sodium	23-2	436.99	451.75	454.83	447.85	2.13	ppb
Strontium	86-1	0.76	0.80	0.76	0.77	3.42	ppb
Strontium	88-1	0.79	0.83	0.80	0.80	2.49	ppb
Sulfur	34-1	-1948.43	-1608.43	-1610.17	-1722.34		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.82	0.86	0.85	0.84	2.62	ppb
Thallium	205-1	0.84	0.85	0.82	0.84	1.36	ppb
Tin	118-1	4.02	3.88	3.90	3.93	1.94	ppb
Titanium	47-1	3.78	3.86	3.92	3.85	1.78	ppb
Uranium	238-1	0.72	0.76	0.78	0.75	4.01	ppb
Vanadium	51-2	3.96	4.06	3.84	3.95	2.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.84	2.24	1.98	2.02	10.14	ppb
Zirconium	90-1	0.88	0.94	0.92	0.91	3.43	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:10:51	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.85	0.94	0.90	4.96	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:14:19	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.32	4.06	4.38	4.92	24.86	ppb
Antimony	121-1	0.09	0.11	0.10	0.10	7.49	ppb
Arsenic	75-2	3010.31	2981.42	2980.11	2990.61	0.57	ppb
Barium	135-1	0.03	0.04	0.02	0.03	45.77	ppb
Barium	137-1	0.04	0.03	0.05	0.04	24.41	ppb
Beryllium	9-1	0.16	0.17	0.14	0.15	9.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.74	3.83	4.59	4.39	11.15	ppb
Boron	11-1	4.47	4.80	4.97	4.75	5.36	ppb
Cadmium	111-1	-0.10	0.02	-0.20	-0.09		ppb
Cadmium	106-1	-1.55	-0.06	-2.78	-1.46		ppb
Cadmium	108-1	0.03	-0.01	-0.01	0.00	4053.33	ppb
Calcium	43-1	30.26	25.95	34.92	30.38	14.78	ppb
Calcium	44-1	28.93	27.81	30.59	29.11	4.81	ppb
Chromium	52-2	0.03	0.03	0.02	0.03	13.92	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	11.89	ppb
Copper	63-2	0.30	0.28	0.34	0.31	11.08	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	4.97	5.08	5.11	5.05	1.47	ppb
Iron	57-2	4.78	4.22	6.39	5.13	21.89	ppb
Lead	206-1	0.21	0.17	0.19	0.19	12.49	ppb
Lead	207-1	0.18	0.21	0.13	0.17	21.48	ppb
Lead	208-1	0.20	0.19	0.18	0.19	6.65	ppb
Lithium	6-1						%
Magnesium	24-2	-8.61	-8.66	-10.70	-9.33		ppb
Manganese	55-2	0.21	0.22	0.18	0.20	11.77	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:14:19	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.04	0.04	19.72	ppb
Molybdenum	95-1	0.06	0.08	0.07	0.07	18.58	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.05	11.26	ppb
Molybdenum	97-1	0.06	0.05	0.03	0.05	39.56	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	9.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.12	-0.08	-0.07		ppb
Phosphorus	31-2	5.36	0.11	5.88	3.78	84.34	ppb
Potassium	39-2	12.40	17.77	11.08	13.75	25.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.52	-0.52	-0.52	-0.52		ppb
Selenium	78-2	-0.38	1.64	-1.67	-0.14		ppb
Selenium	82-1	0.24	0.98	0.22	0.48	91.08	ppb
Silicon	28-1	-4.11	-3.26	-0.11	-2.49		ppb
Silver	109-1	0.02	0.02	0.03	0.03	27.66	ppb
Silver	107-1	0.02	0.03	0.02	0.02	15.21	ppb
Sodium	23-2	39.03	35.49	40.98	38.50	7.23	ppb
Strontium	86-1	0.03	0.07	0.04	0.04	43.36	ppb
Strontium	88-1	0.09	0.10	0.08	0.09	11.13	ppb
Sulfur	34-1	-1651.65	-1354.29	-986.63	-1330.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.06	0.04	0.05	17.35	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.18	ppb
Tin	118-1	0.07	0.10	0.08	0.08	23.47	ppb
Titanium	47-1	0.10	0.11	0.18	0.13	31.27	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	32.01	ppb
Vanadium	51-2	0.04	0.02	0.02	0.03	32.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.41	0.44	0.50	0.45	10.98	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	32.39	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:14:19	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.72	0.66	0.78	0.72	8.50	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 2PPM	Instrumnet Name :	P7
Client Sample ID :	BE 2PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:24:44	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.32	0.59	0.60	0.84	49.83	ppb
Antimony	121-1	0.06	0.07	0.05	0.06	15.69	ppb
Arsenic	75-2	0.21	0.24	0.24	0.23	8.61	ppb
Barium	135-1	0.09	0.04	0.02	0.05	72.15	ppb
Barium	137-1	0.06	0.05	0.05	0.05	14.80	ppb
Beryllium	9-1	2118.70	2131.33	2114.60	2121.54	0.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.25	4.02	3.10	3.12	28.37	ppb
Boron	11-1	3.04	3.19	2.95	3.06	3.88	ppb
Cadmium	111-1	-0.09	-0.05	-0.23	-0.12		ppb
Cadmium	106-1	-1.40	-0.74	-3.08	-1.74		ppb
Cadmium	108-1	0.07	0.11	0.19	0.12	49.95	ppb
Calcium	43-1	24.37	28.37	19.59	24.11	18.22	ppb
Calcium	44-1	22.75	23.10	24.19	23.35	3.22	ppb
Chromium	52-2	0.07	0.05	0.09	0.07	23.32	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	25.85	ppb
Copper	63-2	0.23	0.18	0.21	0.21	11.44	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	4.61	4.78	4.66	4.68	1.91	ppb
Iron	57-2	2.15	5.75	5.02	4.31	44.22	ppb
Lead	206-1	0.08	0.10	0.11	0.10	16.87	ppb
Lead	207-1	0.10	0.08	0.09	0.09	7.61	ppb
Lead	208-1	0.08	0.09	0.10	0.09	8.14	ppb
Lithium	6-1						%
Magnesium	24-2	-7.19	-6.39	-6.30	-6.63		ppb
Manganese	55-2	1.17	1.06	1.23	1.15	7.33	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 2PPM	Instrumnet Name :	P7
Client Sample ID :	BE 2PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:24:44	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.04	0.04	23.72	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	5.25	ppb
Molybdenum	96-1	0.05	0.07	0.08	0.07	17.95	ppb
Molybdenum	97-1	0.05	0.12	0.10	0.09	35.40	ppb
Molybdenum	98-1	0.06	0.07	0.10	0.08	26.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.26	0.27	0.26	3.25	ppb
Phosphorus	31-2	2.89	-13.80	5.63	-1.76		ppb
Potassium	39-2	8.14	9.90	6.18	8.07	23.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.52	-0.52	0.24	-0.27		ppb
Selenium	78-2	0.29	-0.91	-0.01	-0.21		ppb
Selenium	82-1	-0.02	-0.05	0.51	0.14	217.70	ppb
Silicon	28-1	-2.50	-2.93	-2.71	-2.71		ppb
Silver	109-1	0.03	0.03	0.02	0.02	20.41	ppb
Silver	107-1	0.02	0.02	0.01	0.02	23.02	ppb
Sodium	23-2	30.96	33.12	37.02	33.70	9.12	ppb
Strontium	86-1	0.05	0.10	0.06	0.07	36.71	ppb
Strontium	88-1	0.07	0.07	0.07	0.07	4.24	ppb
Sulfur	34-1	-930.91	-925.95	-863.67	-906.84		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.04	0.04	4.87	ppb
Thallium	205-1	0.04	0.06	0.04	0.05	22.76	ppb
Tin	118-1	0.08	0.11	0.07	0.09	22.07	ppb
Titanium	47-1	0.09	0.08	0.16	0.11	41.17	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.42	ppb
Vanadium	51-2	0.01	0.02	0.03	0.02	62.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.21	1.27	1.13	1.20	5.95	ppb
Zirconium	90-1	0.03	0.02	0.04	0.03	30.31	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 2PPM	Instrumnet Name :	P7
Client Sample ID :	BE 2PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:24:44	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.03	0.04	18.26	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 3PPM	Instrumnet Name :	P7
Client Sample ID :	BE 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:28:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.30	1.00	1.45	1.25	18.23	ppb
Antimony	121-1	0.06	0.04	0.05	0.05	23.69	ppb
Arsenic	75-2	0.14	0.19	0.14	0.16	16.75	ppb
Barium	135-1	0.06	0.07	0.01	0.04	67.83	ppb
Barium	137-1	0.05	0.05	0.05	0.05	2.48	ppb
Beryllium	9-1	3138.40	3153.50	3088.14	3126.68	1.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.45	2.49	2.82	2.59	7.80	ppb
Boron	11-1	2.86	3.17	2.30	2.77	15.91	ppb
Cadmium	111-1	-0.13	0.05	-0.21	-0.10		ppb
Cadmium	106-1	-1.96	0.62	-3.01	-1.45		ppb
Cadmium	108-1	0.11	0.03	-0.01	0.04	151.91	ppb
Calcium	43-1	20.31	24.57	25.59	23.49	11.91	ppb
Calcium	44-1	25.26	24.99	24.47	24.91	1.60	ppb
Chromium	52-2	0.06	0.08	0.06	0.07	11.76	ppb
Cobalt	59-2	0.03	0.01	0.01	0.02	62.20	ppb
Copper	63-2	0.19	0.13	0.22	0.18	27.05	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	4.46	4.72	4.42	4.53	3.58	ppb
Iron	57-2	5.06	5.12	2.56	4.25	34.45	ppb
Lead	206-1	0.09	0.07	0.08	0.08	13.83	ppb
Lead	207-1	0.09	0.11	0.08	0.09	15.87	ppb
Lead	208-1	0.09	0.09	0.07	0.08	9.60	ppb
Lithium	6-1						%
Magnesium	24-2	-4.36	-4.30	-5.01	-4.56		ppb
Manganese	55-2	1.24	1.20	1.23	1.22	1.74	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 3PPM	Instrumnet Name :	P7
Client Sample ID :	BE 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:28:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.04	0.04	24.06	ppb
Molybdenum	95-1	0.07	0.07	0.08	0.07	5.61	ppb
Molybdenum	96-1	0.08	0.07	0.06	0.07	15.51	ppb
Molybdenum	97-1	0.08	0.05	0.08	0.07	30.47	ppb
Molybdenum	98-1	0.06	0.05	0.07	0.06	11.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.51	0.44	0.48	6.82	ppb
Phosphorus	31-2	-0.24	4.89	-5.60	-0.32		ppb
Potassium	39-2	1.57	5.35	12.19	6.37	84.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.00	1.00	-0.52	0.49	179.20	ppb
Selenium	78-2	-0.06	-0.70	-0.83	-0.53		ppb
Selenium	82-1	0.52	0.08	0.31	0.31	71.49	ppb
Silicon	28-1	-2.99	-2.52	-4.27	-3.26		ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.17	ppb
Silver	107-1	0.01	0.01	0.02	0.01	39.40	ppb
Sodium	23-2	37.41	35.69	36.34	36.48	2.39	ppb
Strontium	86-1	0.05	0.06	-0.03	0.03	177.68	ppb
Strontium	88-1	0.07	0.08	0.08	0.08	12.90	ppb
Sulfur	34-1	-1196.54	-922.16	-1225.86	-1114.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.05	0.04	4.45	ppb
Thallium	205-1	0.05	0.05	0.03	0.05	21.13	ppb
Tin	118-1	0.08	0.07	0.10	0.08	14.20	ppb
Titanium	47-1	0.02	0.02	0.05	0.03	76.31	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.45	ppb
Vanadium	51-2	0.03	0.01	0.03	0.02	56.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.58	1.37	1.29	1.42	10.67	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	41.49	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 3PPM	Instrumnet Name :	P7
Client Sample ID :	BE 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:28:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.03	0.04	22.53	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 5PPM	Instrumnet Name :	P7
Client Sample ID :	BE 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:31:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.99	0.47	0.88	1.11	70.94	ppb
Antimony	121-1	0.05	0.06	0.04	0.05	15.36	ppb
Arsenic	75-2	0.13	0.24	0.13	0.17	38.62	ppb
Barium	135-1	0.08	0.09	0.08	0.08	4.29	ppb
Barium	137-1	0.06	0.10	0.09	0.08	24.61	ppb
Beryllium	9-1	5191.98	5152.60	5191.82	5178.80	0.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.20	2.48	3.52	3.06	17.40	ppb
Boron	11-1	2.59	2.68	2.40	2.56	5.53	ppb
Cadmium	111-1	-0.09	-0.20	0.00	-0.10		ppb
Cadmium	106-1	-1.50	-2.87	-0.14	-1.50		ppb
Cadmium	108-1	0.03	0.07	0.03	0.04	58.62	ppb
Calcium	43-1	37.58	35.31	35.60	36.16	3.41	ppb
Calcium	44-1	35.50	36.36	37.18	36.35	2.32	ppb
Chromium	52-2	0.18	0.17	0.14	0.16	12.21	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	30.35	ppb
Copper	63-2	0.30	0.30	0.28	0.29	5.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6.08	5.68	5.43	5.73	5.72	ppb
Iron	57-2	2.97	4.95	5.55	4.49	30.10	ppb
Lead	206-1	0.10	0.11	0.10	0.10	3.38	ppb
Lead	207-1	0.13	0.09	0.08	0.10	23.44	ppb
Lead	208-1	0.10	0.11	0.10	0.10	3.71	ppb
Lithium	6-1						%
Magnesium	24-2	-3.11	-3.12	-4.28	-3.50		ppb
Manganese	55-2	1.75	1.60	1.53	1.63	6.76	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 5PPM	Instrumnet Name :	P7
Client Sample ID :	BE 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:31:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.04	0.04	5.03	ppb
Molybdenum	95-1	0.09	0.10	0.10	0.10	5.43	ppb
Molybdenum	96-1	0.10	0.10	0.08	0.09	12.63	ppb
Molybdenum	97-1	0.09	0.09	0.11	0.10	11.63	ppb
Molybdenum	98-1	0.09	0.09	0.06	0.08	20.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.64	0.68	0.62	10.54	ppb
Phosphorus	31-2	21.36	8.73	5.26	11.78	71.96	ppb
Potassium	39-2	16.52	21.04	-2.96	11.53	110.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.26	0.24	-0.52	-0.01		ppb
Selenium	78-2	-0.19	-1.17	-0.50	-0.62		ppb
Selenium	82-1	0.70	0.75	0.74	0.73	3.24	ppb
Silicon	28-1	-1.14	-1.34	-1.45	-1.31		ppb
Silver	109-1	0.03	0.03	0.02	0.02	24.67	ppb
Silver	107-1	0.02	0.03	0.03	0.03	18.00	ppb
Sodium	23-2	36.66	33.38	33.60	34.54	5.30	ppb
Strontium	86-1	0.08	0.09	0.17	0.11	44.05	ppb
Strontium	88-1	0.12	0.14	0.12	0.13	6.74	ppb
Sulfur	34-1	-1026.81	-1000.13	-1102.75	-1043.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.06	0.07	0.06	17.88	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	7.60	ppb
Tin	118-1	0.08	0.08	0.11	0.09	17.63	ppb
Titanium	47-1	0.14	0.13	0.13	0.13	6.74	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	25.87	ppb
Vanadium	51-2	0.04	0.02	0.02	0.03	46.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.49	1.40	1.50	1.46	3.60	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	15.39	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 5PPM	Instrumnet Name :	P7
Client Sample ID :	BE 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:31:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.03	0.03	40.30	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 5PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:35:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	1.29	1.05	0.94	45.78	ppb
Antimony	121-1	0.03	0.05	0.03	0.04	20.82	ppb
Arsenic	75-2	0.14	0.11	0.18	0.15	22.49	ppb
Barium	135-1	0.05	0.02	0.04	0.04	36.36	ppb
Barium	137-1	0.06	0.03	0.03	0.04	40.66	ppb
Beryllium	9-1	6.01	6.19	6.11	6.11	1.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.17	1.61	1.36	2.05	47.91	ppb
Boron	11-1	2.41	2.32	2.74	2.49	8.94	ppb
Cadmium	111-1	0.00	-0.02	0.05	0.01	268.27	ppb
Cadmium	106-1	0.67	0.64	1.47	0.93	50.82	ppb
Cadmium	108-1	1.67	1.65	1.91	1.74	8.40	ppb
Calcium	43-1	19.28	22.33	15.15	18.92	19.04	ppb
Calcium	44-1	18.16	15.86	18.92	17.65	9.04	ppb
Chromium	52-2	0.78	0.75	0.77	0.77	1.98	ppb
Cobalt	59-2	0.02	0.03	0.01	0.02	51.14	ppb
Copper	63-2	0.17	0.19	0.17	0.18	6.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6.93	6.98	7.09	7.00	1.19	ppb
Iron	57-2	5.04	7.66	3.87	5.52	35.19	ppb
Lead	206-1	0.13	0.11	0.12	0.12	9.61	ppb
Lead	207-1	0.12	0.10	0.14	0.12	16.60	ppb
Lead	208-1	0.12	0.10	0.14	0.12	12.74	ppb
Lithium	6-1						%
Magnesium	24-2	0.02	-1.71	0.04	-0.55		ppb
Manganese	55-2	0.63	0.73	0.68	0.68	6.98	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 5PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:35:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.30	0.28	0.28	8.95	ppb
Molybdenum	95-1	0.22	0.25	0.24	0.23	6.77	ppb
Molybdenum	96-1	0.26	0.26	0.23	0.25	8.41	ppb
Molybdenum	97-1	0.30	0.29	0.23	0.27	13.88	ppb
Molybdenum	98-1	0.24	0.22	0.22	0.23	5.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.38	0.37	0.39	7.09	ppb
Phosphorus	31-2	-2.61	-3.18	-2.27	-2.69		ppb
Potassium	39-2	19.61	6.13	23.36	16.36	55.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.52	-0.52	2.56	0.50	354.05	ppb
Selenium	78-2	-0.04	0.73	0.00	0.23	187.79	ppb
Selenium	82-1	1.12	0.55	0.63	0.77	40.87	ppb
Silicon	28-1	-1.25	-2.33	-2.32	-1.97		ppb
Silver	109-1	0.04	0.02	0.04	0.03	40.93	ppb
Silver	107-1	0.04	0.04	0.03	0.04	26.38	ppb
Sodium	23-2	28.33	28.07	28.93	28.44	1.55	ppb
Strontium	86-1	0.25	0.42	0.40	0.36	25.78	ppb
Strontium	88-1	0.49	0.48	0.45	0.47	4.67	ppb
Sulfur	34-1	-1003.94	-925.35	-1095.94	-1008.41		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.04	0.05	5.91	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.54	ppb
Tin	118-1	0.12	0.13	0.11	0.12	7.09	ppb
Titanium	47-1	0.14	0.22	0.16	0.17	24.63	ppb
Uranium	238-1	0.22	0.21	0.22	0.22	4.27	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	21.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5103.66	5019.97	5159.07	5094.24	1.37	ppb
Zirconium	90-1	0.31	0.32	0.32	0.32	1.64	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 5PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:35:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.35	0.37	0.34	0.35	3.98	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 10PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	3.17	1.02	1.65	80.08	ppb
Antimony	121-1	0.04	0.05	0.04	0.05	15.68	ppb
Arsenic	75-2	0.14	0.15	0.17	0.15	12.67	ppb
Barium	135-1	0.05	0.08	0.08	0.07	21.50	ppb
Barium	137-1	0.06	0.05	0.05	0.05	5.64	ppb
Beryllium	9-1	4.17	4.05	4.02	4.08	1.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.60	0.75	1.59	1.31	37.26	ppb
Boron	11-1	2.12	2.38	2.35	2.28	6.37	ppb
Cadmium	111-1	-0.22	0.05	0.11	-0.02		ppb
Cadmium	106-1	-0.54	2.67	3.38	1.84	113.55	ppb
Cadmium	108-1	4.42	3.71	4.10	4.08	8.82	ppb
Calcium	43-1	14.30	9.22	15.52	13.01	25.65	ppb
Calcium	44-1	15.69	12.28	14.12	14.03	12.16	ppb
Chromium	52-2	1.11	1.00	1.06	1.06	5.25	ppb
Cobalt	59-2	0.02	0.05	0.03	0.04	34.37	ppb
Copper	63-2	0.22	0.27	0.25	0.24	10.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9.25	8.95	9.27	9.16	2.01	ppb
Iron	57-2	9.21	7.61	8.58	8.47	9.53	ppb
Lead	206-1	0.19	0.21	0.21	0.21	6.46	ppb
Lead	207-1	0.19	0.19	0.19	0.19	1.20	ppb
Lead	208-1	0.20	0.19	0.19	0.19	2.85	ppb
Lithium	6-1						%
Magnesium	24-2	0.56	1.04	0.99	0.86	30.88	ppb
Manganese	55-2	0.92	0.92	0.88	0.90	2.35	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 10PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.35	0.34	0.35	0.34	2.19	ppb
Molybdenum	95-1	0.34	0.34	0.36	0.35	3.68	ppb
Molybdenum	96-1	0.29	0.30	0.26	0.28	7.97	ppb
Molybdenum	97-1	0.31	0.33	0.35	0.33	5.42	ppb
Molybdenum	98-1	0.32	0.29	0.30	0.30	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.55	0.46	0.55	16.55	ppb
Phosphorus	31-2	-16.20	14.50	5.93	1.41	1123.56	ppb
Potassium	39-2	19.22	38.10	45.31	34.21	39.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.52	-0.52	4.45	1.13	253.38	ppb
Selenium	78-2	-0.58	0.70	1.20	0.44	208.96	ppb
Selenium	82-1	0.49	0.73	0.18	0.47	59.45	ppb
Silicon	28-1	2.89	-3.94	-2.29	-1.11		ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.92	ppb
Silver	107-1	0.04	0.04	0.05	0.05	16.51	ppb
Sodium	23-2	30.83	32.85	34.34	32.67	5.39	ppb
Strontium	86-1	0.71	0.67	0.69	0.69	3.09	ppb
Strontium	88-1	0.75	0.72	0.72	0.73	2.27	ppb
Sulfur	34-1	-692.84	-1324.13	-1008.75	-1008.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.05	0.05	6.45	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.24	ppb
Tin	118-1	0.18	0.19	0.15	0.17	11.69	ppb
Titanium	47-1	0.15	0.18	0.22	0.18	21.63	ppb
Uranium	238-1	0.29	0.27	0.29	0.28	4.41	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	32.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10213.33	10219.37	10237.19	10223.30	0.12	ppb
Zirconium	90-1	0.35	0.36	0.37	0.36	2.57	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 10PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.36	0.29	0.37	0.34	13.21	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 20PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:42:13	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.90	2.63	2.61	2.38	17.26	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	6.41	ppb
Arsenic	75-2	0.19	0.11	0.11	0.14	33.54	ppb
Barium	135-1	0.02	0.08	0.15	0.08	77.67	ppb
Barium	137-1	0.09	0.07	0.12	0.09	27.14	ppb
Beryllium	9-1	3.25	3.02	3.22	3.16	4.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.53	2.07	1.69	1.43	56.08	ppb
Boron	11-1	1.80	2.00	2.12	1.98	8.23	ppb
Cadmium	111-1	0.17	0.17	0.02	0.12	70.87	ppb
Cadmium	106-1	6.20	6.04	4.93	5.73	12.09	ppb
Cadmium	108-1	7.04	6.91	7.90	7.28	7.37	ppb
Calcium	43-1	11.49	17.72	14.30	14.50	21.51	ppb
Calcium	44-1	15.12	14.69	14.93	14.91	1.45	ppb
Chromium	52-2	1.49	1.42	1.41	1.44	3.01	ppb
Cobalt	59-2	0.03	0.03	0.02	0.02	19.08	ppb
Copper	63-2	0.34	0.34	0.34	0.34	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.14	11.03	11.22	11.13	0.88	ppb
Iron	57-2	11.46	8.09	5.93	8.49	32.85	ppb
Lead	206-1	0.35	0.36	0.34	0.35	2.33	ppb
Lead	207-1	0.34	0.35	0.27	0.32	13.40	ppb
Lead	208-1	0.33	0.33	0.31	0.33	3.27	ppb
Lithium	6-1						%
Magnesium	24-2	-0.47	1.31	1.24	0.69	145.40	ppb
Manganese	55-2	1.40	1.51	1.56	1.49	5.50	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 20PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:42:13	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.42	0.41	0.35	0.39	9.69	ppb
Molybdenum	95-1	0.42	0.33	0.39	0.38	11.26	ppb
Molybdenum	96-1	0.37	0.38	0.36	0.37	3.27	ppb
Molybdenum	97-1	0.39	0.41	0.44	0.41	6.78	ppb
Molybdenum	98-1	0.37	0.44	0.35	0.39	12.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.54	0.67	0.64	13.62	ppb
Phosphorus	31-2	11.23	-8.11	-5.53	-0.80		ppb
Potassium	39-2	39.85	36.94	33.21	36.67	9.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.25	1.00	0.24	0.50	87.76	ppb
Selenium	78-2	-0.38	0.20	-0.14	-0.11		ppb
Selenium	82-1	-0.02	1.28	0.55	0.61	107.39	ppb
Silicon	28-1	-0.39	-2.75	-2.05	-1.73		ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.92	ppb
Silver	107-1	0.08	0.07	0.07	0.07	8.54	ppb
Sodium	23-2	31.74	29.81	29.61	30.39	3.88	ppb
Strontium	86-1	1.26	1.15	1.17	1.19	5.10	ppb
Strontium	88-1	1.13	1.10	1.10	1.11	1.77	ppb
Sulfur	34-1	-751.08	-1096.28	-822.71	-890.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.04	0.05	12.63	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	15.20	ppb
Tin	118-1	0.19	0.20	0.17	0.19	7.35	ppb
Titanium	47-1	0.19	0.11	0.15	0.15	28.71	ppb
Uranium	238-1	0.27	0.30	0.29	0.29	4.65	ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	14.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	20761.71	20784.72	20668.35	20738.26	0.30	ppb
Zirconium	90-1	0.38	0.39	0.37	0.38	2.84	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 20PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:42:13	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.34	0.40	0.33	0.36	10.64	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CU 5PPM	Instrumnet Name :	P7
Client Sample ID :	CU 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:45:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.74	3.17	4.36	3.09	42.56	ppb
Antimony	121-1	0.01	0.03	0.03	0.02	40.41	ppb
Arsenic	75-2	0.11	0.14	0.20	0.15	28.82	ppb
Barium	135-1	0.04	0.04	0.06	0.05	27.36	ppb
Barium	137-1	0.04	0.04	0.04	0.04	8.14	ppb
Beryllium	9-1	2.32	2.54	2.48	2.45	4.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.80	1.80	1.97	1.86	5.40	ppb
Boron	11-1	1.64	2.16	1.74	1.85	14.85	ppb
Cadmium	111-1	-0.12	-0.08	0.03	-0.06		ppb
Cadmium	106-1	-2.72	-2.40	-1.41	-2.18		ppb
Cadmium	108-1	0.02	0.10	0.03	0.05	88.99	ppb
Calcium	43-1	27.09	19.34	25.90	24.11	17.31	ppb
Calcium	44-1	23.08	21.13	22.22	22.14	4.41	ppb
Chromium	52-2	6.72	6.83	7.11	6.88	2.92	ppb
Cobalt	59-2	0.12	0.12	0.11	0.11	4.79	ppb
Copper	63-2	5399.13	5399.81	5510.04	5436.32	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	184.34	184.23	185.93	184.83	0.52	ppb
Iron	57-2	183.06	185.92	182.93	183.97	0.92	ppb
Lead	206-1	0.30	0.29	0.26	0.29	7.27	ppb
Lead	207-1	0.30	0.30	0.30	0.30	0.04	ppb
Lead	208-1	0.30	0.29	0.29	0.29	1.97	ppb
Lithium	6-1						%
Magnesium	24-2	-1.24	-1.43	-2.51	-1.72		ppb
Manganese	55-2	1.49	1.50	1.55	1.51	2.29	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CU 5PPM	Instrumnet Name :	P7
Client Sample ID :	CU 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:45:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.37	0.38	0.38	1.58	ppb
Molybdenum	95-1	1.08	1.04	1.01	1.05	3.16	ppb
Molybdenum	96-1	0.84	0.93	0.82	0.87	6.23	ppb
Molybdenum	97-1	1.05	0.98	1.14	1.06	7.97	ppb
Molybdenum	98-1	1.03	1.13	1.06	1.07	4.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.96	5.25	4.77	5.00	4.83	ppb
Phosphorus	31-2	27.17	-2.91	11.24	11.83	127.19	ppb
Potassium	39-2	-1.23	9.95	1.31	3.34	175.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.99	1.73	-0.52	0.73	156.85	ppb
Selenium	78-2	-0.20	0.63	0.00	0.14	307.35	ppb
Selenium	82-1	0.12	-0.09	0.24	0.09	180.95	ppb
Silicon	28-1	-6.46	-5.51	-4.24	-5.40		ppb
Silver	109-1	0.06	0.05	0.06	0.06	9.88	ppb
Silver	107-1	0.06	0.07	0.06	0.06	10.27	ppb
Sodium	23-2	29.40	30.40	29.57	29.79	1.80	ppb
Strontium	86-1	0.04	0.06	0.03	0.04	43.30	ppb
Strontium	88-1	0.08	0.08	0.10	0.09	15.84	ppb
Sulfur	34-1	-1412.49	-1180.22	-1283.56	-1292.09		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.19	0.20	0.18	8.24	ppb
Thallium	205-1	0.18	0.20	0.20	0.19	6.99	ppb
Tin	118-1	0.28	0.32	0.32	0.31	6.89	ppb
Titanium	47-1	0.52	0.66	0.44	0.54	19.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.26	ppb
Vanadium	51-2	0.03	0.01	0.03	0.02	59.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.65	3.68	3.22	3.52	7.41	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	10.80	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CU 5PPM	Instrumnet Name :	P7
Client Sample ID :	CU 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:45:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.03	0.06	32.63	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:49:10	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49586.64	49814.67	50057.00	49819.44	0.47	ppb
Antimony	121-1	491.45	501.70	501.97	498.37	1.20	ppb
Arsenic	75-2	498.62	496.54	504.12	499.76	0.78	ppb
Barium	135-1	2543.17	2602.12	2595.02	2580.10	1.25	ppb
Barium	137-1	2523.51	2574.28	2587.17	2561.65	1.31	ppb
Beryllium	9-1	543.49	549.56	548.98	547.34	0.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	517.61	536.06	558.56	537.41	3.82	ppb
Boron	11-1	533.59	539.91	556.97	543.49	2.23	ppb
Cadmium	111-1	485.33	495.84	494.41	491.86	1.16	ppb
Cadmium	106-1	487.32	507.91	504.52	499.92	2.21	ppb
Cadmium	108-1	498.90	495.62	487.20	493.91	1.22	ppb
Calcium	43-1	235022.71	233548.58	234439.59	234336.96	0.32	ppb
Calcium	44-1	233810.61	234166.70	233450.71	233809.34	0.15	ppb
Chromium	52-2	496.57	495.29	498.09	496.65	0.28	ppb
Cobalt	59-2	481.87	483.43	481.40	482.23	0.22	ppb
Copper	63-2	959.46	962.69	959.97	960.71	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124706.83	123775.27	124047.14	124176.41	0.39	ppb
Iron	57-2	125810.81	125946.13	125952.89	125903.27	0.06	ppb
Lead	206-1	498.22	500.67	509.42	502.77	1.17	ppb
Lead	207-1	502.55	505.00	506.93	504.83	0.44	ppb
Lead	208-1	505.53	506.72	509.40	507.22	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	231017.80	230329.30	230805.34	230717.48	0.15	ppb
Manganese	55-2	947.29	949.46	952.54	949.77	0.28	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:49:10	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	506.37	507.25	511.14	508.25	0.50	ppb
Molybdenum	95-1	485.74	496.10	497.46	493.10	1.30	ppb
Molybdenum	96-1	493.45	498.90	499.06	497.13	0.64	ppb
Molybdenum	97-1	489.02	496.80	495.20	493.67	0.83	ppb
Molybdenum	98-1	487.36	493.37	493.77	491.50	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.53	479.22	482.35	480.70	0.33	ppb
Phosphorus	31-2	10075.72	10017.00	9950.22	10014.31	0.63	ppb
Potassium	39-2	122601.62	122086.61	123119.50	122602.58	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	461.67	462.63	464.45	462.92	0.30	ppb
Selenium	78-2	484.41	491.99	480.41	485.61	1.21	ppb
Selenium	82-1	482.87	491.80	490.73	488.47	1.00	ppb
Silicon	28-1	534.52	537.91	542.11	538.18	0.71	ppb
Silver	109-1	488.16	499.61	497.72	495.16	1.24	ppb
Silver	107-1	491.83	498.49	498.09	496.14	0.75	ppb
Sodium	23-2	237959.85	238061.73	238410.50	238144.03	0.10	ppb
Strontium	86-1	505.46	509.15	513.42	509.34	0.78	ppb
Strontium	88-1	506.66	508.49	514.97	510.04	0.86	ppb
Sulfur	34-1	9756.51	9456.02	9388.61	9533.71	2.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.19	509.52	514.08	510.60	0.60	ppb
Thallium	205-1	511.74	519.39	522.73	517.95	1.09	ppb
Tin	118-1	490.89	494.19	498.78	494.62	0.80	ppb
Titanium	47-1	490.22	498.76	502.79	497.26	1.29	ppb
Uranium	238-1	522.49	525.98	521.39	523.29	0.46	ppb
Vanadium	51-2	500.02	500.10	503.94	501.35	0.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	996.67	1003.67	1002.34	1000.89	0.37	ppb
Zirconium	90-1	523.11	524.79	528.45	525.45	0.52	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:49:10	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	514.02	522.52	524.02	520.19	1.04	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 17:15:17	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	-0.40	0.02	-0.07		ppb
Antimony	121-1	0.08	0.08	0.09	0.08	9.98	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	30.07	ppb
Barium	135-1	0.01	0.00	0.01	0.01	80.42	ppb
Barium	137-1	0.00	0.00	0.00	0.00	121.82	ppb
Beryllium	9-1	0.91	1.03	0.82	0.92	11.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.39	2.37	2.46	2.41	1.92	ppb
Boron	11-1	2.43	2.36	2.42	2.40	1.48	ppb
Cadmium	111-1	-0.27	-0.21	-0.22	-0.23		ppb
Cadmium	106-1	-3.60	-2.65	-2.93	-3.06		ppb
Cadmium	108-1	-0.05	0.07	-0.05	-0.01		ppb
Calcium	43-1	-3.25	2.46	3.32	0.85	421.88	ppb
Calcium	44-1	-0.32	-0.16	-0.38	-0.29		ppb
Chromium	52-2	-0.03	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	102.31	ppb
Copper	63-2	0.09	0.08	0.07	0.08	17.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.04	2.21	2.11	2.12	3.99	ppb
Iron	57-2	2.20	0.44	0.13	0.93	120.87	ppb
Lead	206-1	0.02	0.01	0.03	0.02	31.38	ppb
Lead	207-1	0.03	0.03	0.03	0.03	6.59	ppb
Lead	208-1	0.03	0.03	0.02	0.03	19.78	ppb
Lithium	6-1						%
Magnesium	24-2	-10.38	-7.60	-8.93	-8.97		ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 17:15:17	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.05	0.05	0.06	28.43	ppb
Molybdenum	95-1	0.05	0.03	0.04	0.04	22.19	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	8.31	ppb
Molybdenum	97-1	0.05	0.05	0.02	0.04	43.25	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.02	25.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.02	-0.19	-0.12		ppb
Phosphorus	31-2	17.00	-7.93	-3.06	2.00	659.45	ppb
Potassium	39-2	4.76	1.92	-3.74	0.98	442.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.25	1.03	-0.52	0.25	308.25	ppb
Selenium	78-2	0.93	-0.99	0.47	0.14	724.78	ppb
Selenium	82-1	-0.81	0.55	-0.33	-0.20		ppb
Silicon	28-1	-3.57	-3.91	-4.12	-3.86		ppb
Silver	109-1	0.00	0.01	0.01	0.01	45.44	ppb
Silver	107-1	0.01	0.01	0.00	0.00	140.93	ppb
Sodium	23-2	23.83	22.21	22.07	22.70	4.30	ppb
Strontium	86-1	-0.04	-0.05	-0.08	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	629.34	ppb
Sulfur	34-1	-656.05	-870.07	-950.22	-825.45		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	48.82	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	48.91	ppb
Tin	118-1	0.07	0.07	0.07	0.07	1.45	ppb
Titanium	47-1	0.03	0.05	0.06	0.04	34.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	64.24	ppb
Vanadium	51-2	0.00	0.02	0.00	0.00	297.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.18	0.14	0.27	0.19	34.26	ppb
Zirconium	90-1	0.07	0.05	0.08	0.07	21.63	ppb

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 17:15:17	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.07	0.07	1.97	ppb

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 14:44:48 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	25	39	44.61	cps
Antimony	121-1	58	142	100	100	41.67	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	8	25	42	25	66.68	cps
Barium	137-1	25	33	50	36	35.25	cps
Beryllium	9-1	61	28	67	52	40.56	cps
Bismuth	209-1	5558469	5710294	5801026	5689930	2.15	cps
Bismuth	209-2	3470092	3350223	3469313	3429876	2.01	cps
Boron	10-1	108	142	58	103	40.81	cps
Boron	11-1	108	217	342	222	52.54	cps
Cadmium	111-1	1796	1757	1624	1726	5.23	cps
Cadmium	106-1	2567	2509	2309	2461	5.51	cps
Cadmium	108-1	13	4	0	6	114.53	cps
Calcium	43-1	108	125	150	128	16.41	cps
Calcium	44-1	3759	3976	4117	3951	4.57	cps
Chromium	52-2	563	607	563	578	4.33	cps
Cobalt	59-2	70	90	80	80	12.50	cps
Copper	63-2	400	427	400	409	3.77	cps
Dysprosium	156-1	0	8	50	19	137.78	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	42	58	44	28.64	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	25	42	58	42	40.00	cps
Gadolinium	160-2	60	77	70	69	12.18	cps
Holmium	165-1	8354498	8504073	8490632	8449734	0.98	cps
Holmium	165-2	4434166	4324650	4415030	4391282	1.33	cps
Indium	115-1	6470659	6503565	6701371	6558532	1.90	cps
Indium	115-2	1331761	1298892	1325803	1318819	1.33	cps
Iron	56-2	3217	3284	3284	3262	1.18	cps
Iron	57-2	222	272	228	241	11.38	cps
Lead	206-1	450	378	433	420	8.99	cps
Lead	207-1	383	400	344	376	7.58	cps
Lead	208-1	1817	1667	1589	1691	6.85	cps
Lithium	6-1	1248659	1266397	1273384	1262813	1.01	cps
Magnesium	24-2	2459	2759	2509	2575	6.24	cps
Manganese	55-2	97	113	100	103	8.54	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:44:48	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	208	183	200	7.22	cps
Molybdenum	95-1	67	33	25	42	52.92	cps
Molybdenum	96-1	17	92	92	67	64.95	cps
Molybdenum	97-1	42	8	67	39	75.26	cps
Molybdenum	98-1	75	67	108	83	26.46	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	567	580	553	567	2.35	cps
Phosphorus	31-2	108	75	117	100	22.05	cps
Potassium	39-2	32820	32587	32052	32486	1.21	cps
Rhodium	103-1	5734271	5835776	5877396	5815814	1.27	cps
Rhodium	103-2	2701965	2637785	2704057	2681269	1.41	cps
Scandium	45-1	3749916	3839008	3903594	3830839	2.01	cps
Scandium	45-2	171962	167189	170575	169909	1.45	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	76	63	69	69	9.41	cps
Selenium	82-1	-14	28	-46	-11	-348.42	cps
Silicon	28-1	354257	352773	349257	352095	0.73	cps
Silver	109-1	25	17	42	28	45.82	cps
Silver	107-1	83	117	50	83	40.00	cps
Sodium	23-2	7752	8244	7719	7905	3.72	cps
Strontium	86-1	892	733	725	783	11.99	cps
Strontium	88-1	592	483	650	575	14.71	cps
Sulfur	34-1	255784	258249	254065	256033	0.82	cps
Terbium	159-1	8668583	8788769	8931929	8796427	1.50	cps
Terbium	159-2	4361144	4264627	4343203	4322991	1.19	cps
Thallium	203-1	83	100	67	83	20.00	cps
Thallium	205-1	275	158	233	222	26.61	cps
Tin	118-1	325	358	333	339	5.12	cps
Titanium	47-1	50	75	58	61	20.83	cps
Uranium	238-1	67	50	58	58	14.29	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Yttrium	89-1	6507779	6665337	6737286	6636800	1.77	cps
Yttrium	89-2	991877	972640	992861	985793	1.16	cps
Zinc	66-2	37	80	40	52	46.17	cps
Zirconium	90-1	450	367	467	428	12.52	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:44:48	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	92	117	92	27.27	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:52:21	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	967	958	1000	975	2.26	cps
Antimony	121-1	10763	10204	10062	10343	3.58	cps
Arsenic	75-2	169	148	178	165	9.20	cps
Barium	135-1	13440	13774	13457	13557	1.39	cps
Barium	137-1	23804	22795	22402	23000	3.15	cps
Beryllium	9-1	756	750	933	813	12.83	cps
Bismuth	209-1	5074745	5078279	5071304	5074776	0.07	cps
Bismuth	209-2	3142033	3130026	3113744	3128601	0.45	cps
Boron	10-1	1984	2025	2134	2047	3.78	cps
Boron	11-1	9662	10562	10171	10132	4.46	cps
Cadmium	111-1	2565	2484	2621	2557	2.70	cps
Cadmium	106-1	2209	2059	2234	2167	4.37	cps
Cadmium	108-1	146	100	108	118	20.68	cps
Calcium	43-1	7052	7269	6902	7074	2.61	cps
Calcium	44-1	118631	118195	120908	119245	1.22	cps
Chromium	52-2	3687	3510	3874	3691	4.92	cps
Cobalt	59-2	2284	2277	2364	2308	2.09	cps
Copper	63-2	4264	4074	3954	4097	3.82	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	37	13	23	24	47.91	cps
Gadolinium	160-1	58	17	25	33	66.14	cps
Gadolinium	160-2	77	43	70	63	27.85	cps
Holmium	165-1	7404181	7487993	7553454	7481876	1.00	cps
Holmium	165-2	4038217	4021468	4011443	4023709	0.34	cps
Indium	115-1	5947760	5947232	5909826	5934940	0.37	cps
Indium	115-2	1228953	1222882	1219474	1223770	0.39	cps
Iron	56-2	63437	63186	62778	63134	0.53	cps
Iron	57-2	1911	1717	1850	1826	5.45	cps
Lead	206-1	7597	7641	7730	7656	0.89	cps
Lead	207-1	7224	7280	7241	7248	0.39	cps
Lead	208-1	31782	31938	31649	31790	0.46	cps
Lithium	6-1	1156363	1155225	1147628	1153072	0.41	cps
Magnesium	24-2	55579	56332	55295	55735	0.96	cps
Manganese	55-2	877	1073	970	973	10.11	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:52:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10504	9762	10337	10201	3.82	cps
Molybdenum	95-1	11730	12264	12389	12128	2.89	cps
Molybdenum	96-1	13640	13332	12815	13262	3.15	cps
Molybdenum	97-1	7794	7502	7686	7661	1.92	cps
Molybdenum	98-1	19239	19690	19723	19550	1.38	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1133	1123	1067	1108	3.25	cps
Phosphorus	31-2	117	75	117	103	23.41	cps
Potassium	39-2	89695	89536	88992	89408	0.41	cps
Rhodium	103-1	5245946	5248926	5237287	5244053	0.12	cps
Rhodium	103-2	2484394	2469408	2458070	2470624	0.53	cps
Scandium	45-1	3460930	3467227	3477391	3468516	0.24	cps
Scandium	45-2	159888	159127	156632	158549	1.07	cps
Selenium	77-2	10	20	37	22	60.63	cps
Selenium	78-2	141	126	115	127	10.23	cps
Selenium	82-1	349	383	309	347	10.77	cps
Silicon	28-1	384079	382100	379385	381855	0.62	cps
Silver	109-1	7586	7436	7752	7591	2.09	cps
Silver	107-1	8336	8403	7652	8130	5.11	cps
Sodium	23-2	109456	109943	112956	110785	1.71	cps
Strontium	86-1	2475	2075	2325	2292	8.82	cps
Strontium	88-1	16001	15659	15200	15620	2.57	cps
Sulfur	34-1	252471	251411	254573	252819	0.64	cps
Terbium	159-1	7791270	7749399	7771643	7770771	0.27	cps
Terbium	159-2	3972424	3986511	3940587	3966507	0.59	cps
Thallium	203-1	5727	5810	5777	5771	0.73	cps
Thallium	205-1	14600	13533	13791	13975	3.99	cps
Tin	118-1	21517	21426	21317	21420	0.47	cps
Titanium	47-1	3292	3134	3217	3214	2.47	cps
Uranium	238-1	18364	18589	18080	18344	1.39	cps
Vanadium	51-2	6031	5895	5918	5948	1.23	cps
Yttrium	89-1	6028252	5926579	5953069	5969300	0.88	cps
Yttrium	89-2	914292	913822	907806	911973	0.40	cps
Zinc	66-2	487	560	540	529	7.17	cps
Zirconium	90-1	8520	8553	8887	8653	2.35	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:52:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1934	1992	2109	2011	4.43	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:56:10	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58373	57419	56918	57570	1.28	cps
Antimony	121-1	305722	314120	312764	310869	1.45	cps
Arsenic	75-2	10359	9953	10168	10160	2.00	cps
Barium	135-1	413153	412719	410709	412194	0.32	cps
Barium	137-1	713740	720216	714732	716229	0.49	cps
Beryllium	9-1	50044	51025	50340	50469	1.00	cps
Bismuth	209-1	5857821	5625532	5609256	5697536	2.44	cps
Bismuth	209-2	3198803	3403357	3401363	3334508	3.52	cps
Boron	10-1	5001	4909	5235	5048	3.32	cps
Boron	11-1	23995	24504	24646	24382	1.40	cps
Cadmium	111-1	75393	75920	75522	75611	0.36	cps
Cadmium	106-1	9962	10421	10304	10229	2.33	cps
Cadmium	108-1	5401	5405	5397	5401	0.08	cps
Calcium	43-1	89604	89227	89697	89509	0.28	cps
Calcium	44-1	1449788	1459669	1458791	1456083	0.38	cps
Chromium	52-2	88232	88067	87142	87814	0.67	cps
Cobalt	59-2	139202	141123	138556	139627	0.96	cps
Copper	63-2	200395	200104	198139	199546	0.62	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	75	0	25	33	114.56	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	73	73	80	76	5.09	cps
Holmium	165-1	8597365	8246297	8250754	8364805	2.41	cps
Holmium	165-2	4203409	4416209	4395638	4338419	2.71	cps
Indium	115-1	6587416	6370442	6415606	6457821	1.77	cps
Indium	115-2	1256257	1330370	1328698	1305108	3.24	cps
Iron	56-2	3699434	3703294	3703459	3702062	0.06	cps
Iron	57-2	90712	91673	90310	90898	0.77	cps
Lead	206-1	266032	264344	265130	265169	0.32	cps
Lead	207-1	239859	241488	239870	240406	0.39	cps
Lead	208-1	1079177	1081950	1082636	1081254	0.17	cps
Lithium	6-1	1310362	1267891	1268354	1282202	1.90	cps
Magnesium	24-2	658650	662741	663372	661587	0.39	cps
Manganese	55-2	103202	104340	103373	103638	0.59	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:56:10	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	259330	257873	257905	258369	0.32	cps
Molybdenum	95-1	148287	149314	149028	148876	0.36	cps
Molybdenum	96-1	188951	189188	190233	189457	0.36	cps
Molybdenum	97-1	93262	95603	93253	94039	1.44	cps
Molybdenum	98-1	238251	242445	240980	240559	0.88	cps
Neodymium	150-1	113	27	40	60	77.78	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	37164	37842	37003	37337	1.19	cps
Phosphorus	31-2	3017	3434	3150	3200	6.65	cps
Potassium	39-2	375861	373223	374197	374427	0.36	cps
Rhodium	103-1	5806273	5767199	5754012	5775828	0.47	cps
Rhodium	103-2	2532894	2660129	2667084	2620035	2.88	cps
Scandium	45-1	3967520	3855150	3840898	3887856	1.78	cps
Scandium	45-2	159902	171638	170794	167444	3.91	cps
Selenium	77-2	193	217	193	201	6.70	cps
Selenium	78-2	722	756	898	792	11.80	cps
Selenium	82-1	4593	4552	4620	4588	0.75	cps
Silicon	28-1	520198	519955	516817	518990	0.36	cps
Silver	109-1	353053	357495	359155	356568	0.88	cps
Silver	107-1	365312	368987	369584	367961	0.63	cps
Sodium	23-2	1237548	1235921	1227914	1233794	0.42	cps
Strontium	86-1	101155	102380	101952	101829	0.61	cps
Strontium	88-1	886308	893158	896775	892080	0.60	cps
Sulfur	34-1	272737	270252	272245	271745	0.48	cps
Terbium	159-1	8791040	8576313	8649881	8672411	1.26	cps
Terbium	159-2	4124595	4328682	4337353	4263543	2.82	cps
Thallium	203-1	323515	323743	319904	322387	0.67	cps
Thallium	205-1	770446	774533	775196	773391	0.33	cps
Tin	118-1	258008	262669	258884	259853	0.95	cps
Titanium	47-1	41100	42278	40950	41443	1.76	cps
Uranium	238-1	1059614	1065098	1060368	1061693	0.28	cps
Vanadium	51-2	72514	72869	73351	72911	0.58	cps
Yttrium	89-1	6769670	6621032	6597561	6662754	1.40	cps
Yttrium	89-2	933461	988939	983625	968675	3.16	cps
Zinc	66-2	27666	27720	27924	27770	0.49	cps
Zirconium	90-1	478664	478620	477779	478354	0.10	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:56:10	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	106317	107794	109281	107797	1.37	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 14:59:58 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141507	141994	144306	142602	1.05	cps
Antimony	121-1	790926	794476	786078	790494	0.53	cps
Arsenic	75-2	25356	25606	25628	25530	0.59	cps
Barium	135-1	1027697	1026246	1019250	1024398	0.44	cps
Barium	137-1	1781331	1784332	1759829	1775164	0.75	cps
Beryllium	9-1	123482	123654	123487	123541	0.08	cps
Bismuth	209-1	5414495	5510737	5560265	5495165	1.35	cps
Bismuth	209-2	3387818	3406140	3419720	3404560	0.47	cps
Boron	10-1	12723	13390	12489	12867	3.63	cps
Boron	11-1	59661	60631	61551	60614	1.56	cps
Cadmium	111-1	183432	181892	183889	183071	0.57	cps
Cadmium	106-1	21784	21634	20883	21434	2.25	cps
Cadmium	108-1	13277	13373	13181	13277	0.72	cps
Calcium	43-1	224115	222074	219537	221909	1.03	cps
Calcium	44-1	3633220	3611354	3611448	3618674	0.35	cps
Chromium	52-2	215835	217413	218957	217402	0.72	cps
Cobalt	59-2	347291	348504	349392	348396	0.30	cps
Copper	63-2	495565	496335	496562	496154	0.11	cps
Dysprosium	156-1	42	17	50	36	48.03	cps
Dysprosium	156-2	20	13	10	14	35.26	cps
Erbium	164-1	25	58	17	33	66.14	cps
Erbium	164-2	27	20	23	23	14.29	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	93	70	53	72	27.83	cps
Holmium	165-1	8059855	8144700	8289610	8164722	1.42	cps
Holmium	165-2	4429000	4450855	4465215	4448357	0.41	cps
Indium	115-1	6191259	6374791	6302541	6289530	1.47	cps
Indium	115-2	1329136	1335851	1344130	1336372	0.56	cps
Iron	56-2	9031940	9071864	9060932	9054912	0.23	cps
Iron	57-2	225246	226120	225327	225564	0.21	cps
Lead	206-1	658344	649558	648393	652098	0.83	cps
Lead	207-1	596991	593631	589732	593452	0.61	cps
Lead	208-1	2676837	2666903	2656878	2666873	0.37	cps
Lithium	6-1	1249707	1251049	1247352	1249369	0.15	cps
Magnesium	24-2	1635732	1646302	1647810	1643281	0.40	cps
Manganese	55-2	256521	256218	259695	257478	0.75	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:59:58	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	660420	658501	656679	658533	0.28	cps
Molybdenum	95-1	369018	374313	370353	371228	0.74	cps
Molybdenum	96-1	468319	469595	468589	468834	0.14	cps
Molybdenum	97-1	230651	234699	231051	232134	0.96	cps
Molybdenum	98-1	596002	594460	594756	595072	0.14	cps
Neodymium	150-1	87	120	93	100	17.64	cps
Neodymium	150-2	13	23	13	17	34.65	cps
Nickel	60-2	90993	91476	91802	91424	0.44	cps
Phosphorus	31-2	7336	7611	7894	7613	3.67	cps
Potassium	39-2	886891	890731	888449	888691	0.22	cps
Rhodium	103-1	5628641	5670998	5673204	5657614	0.44	cps
Rhodium	103-2	2662607	2679898	2677145	2673217	0.35	cps
Scandium	45-1	3716203	3770169	3759654	3748675	0.76	cps
Scandium	45-2	171492	170430	173637	171853	0.95	cps
Selenium	77-2	587	573	573	578	1.33	cps
Selenium	78-2	1848	1817	1972	1879	4.38	cps
Selenium	82-1	11542	11355	11114	11337	1.89	cps
Silicon	28-1	788727	788022	790224	788991	0.14	cps
Silver	109-1	880685	872459	877453	876865	0.47	cps
Silver	107-1	912981	905728	904533	907747	0.50	cps
Sodium	23-2	3072624	3098768	3098286	3089893	0.48	cps
Strontium	86-1	249618	252522	249261	250467	0.71	cps
Strontium	88-1	2192515	2201450	2189812	2194592	0.28	cps
Sulfur	34-1	300037	299505	301501	300348	0.34	cps
Terbium	159-1	8346700	8559247	8512897	8472948	1.32	cps
Terbium	159-2	4365176	4403134	4400274	4389528	0.48	cps
Thallium	203-1	792903	788502	794889	792098	0.41	cps
Thallium	205-1	1931805	1919905	1912575	1921429	0.51	cps
Tin	118-1	651403	652648	644436	649495	0.68	cps
Titanium	47-1	101775	103184	101532	102163	0.87	cps
Uranium	238-1	2644147	2658015	2647174	2649779	0.28	cps
Vanadium	51-2	181625	182564	182523	182237	0.29	cps
Yttrium	89-1	6476760	6585665	6547598	6536674	0.85	cps
Yttrium	89-2	993309	999022	1003926	998753	0.53	cps
Zinc	66-2	68078	68379	69364	68607	0.98	cps
Zirconium	90-1	1237139	1228514	1231202	1232285	0.36	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 14:59:58	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275399	271715	272886	273333	0.69	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:03:44 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282418	279616	285484	282506	1.04	cps
Antimony	121-1	1596876	1598311	1590392	1595193	0.26	cps
Arsenic	75-2	51028	51035	50599	50887	0.49	cps
Barium	135-1	2108948	2077014	2074831	2086931	0.92	cps
Barium	137-1	3630335	3616175	3611969	3619493	0.27	cps
Beryllium	9-1	244313	245327	244865	244835	0.21	cps
Bismuth	209-1	5528557	5575198	5530743	5544833	0.47	cps
Bismuth	209-2	3360066	3359246	3378005	3365772	0.31	cps
Boron	10-1	25138	24771	26140	25350	2.80	cps
Boron	11-1	119478	121383	123047	121303	1.47	cps
Cadmium	111-1	365085	362870	365283	364413	0.37	cps
Cadmium	106-1	42824	42047	40551	41807	2.76	cps
Cadmium	108-1	27264	26851	26162	26759	2.08	cps
Calcium	43-1	446444	442043	449904	446130	0.88	cps
Calcium	44-1	7195150	7220386	7147003	7187513	0.52	cps
Chromium	52-2	429928	433639	429476	431014	0.53	cps
Cobalt	59-2	694403	691335	695261	693666	0.30	cps
Copper	63-2	977191	974030	979593	976938	0.29	cps
Dysprosium	156-1	42	67	75	61	28.38	cps
Dysprosium	156-2	27	30	30	29	6.65	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	7	23	13	14	58.06	cps
Gadolinium	160-1	75	42	50	56	31.22	cps
Gadolinium	160-2	87	80	100	89	11.46	cps
Holmium	165-1	8295870	8369621	8256482	8307324	0.69	cps
Holmium	165-2	4450281	4435567	4446093	4443981	0.17	cps
Indium	115-1	6387355	6427098	6324183	6379545	0.81	cps
Indium	115-2	1314369	1321051	1325269	1320230	0.42	cps
Iron	56-2	17961871	17991073	17892926	17948623	0.28	cps
Iron	57-2	449865	447794	451341	449666	0.40	cps
Lead	206-1	1312739	1301193	1306406	1306780	0.44	cps
Lead	207-1	1191016	1185394	1184942	1187117	0.29	cps
Lead	208-1	5339705	5346552	5347884	5344714	0.08	cps
Lithium	6-1	1256073	1278199	1256165	1263479	1.01	cps
Magnesium	24-2	3289948	3263710	3259295	3270985	0.51	cps
Manganese	55-2	515056	513201	512698	513652	0.24	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:03:44	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1336515	1339521	1339063	1338366	0.12	cps
Molybdenum	95-1	751839	748429	757350	752540	0.60	cps
Molybdenum	96-1	957160	951718	957833	955570	0.35	cps
Molybdenum	97-1	475949	473812	471555	473772	0.46	cps
Molybdenum	98-1	1210468	1208136	1212278	1210294	0.17	cps
Neodymium	150-1	293	240	187	240	22.22	cps
Neodymium	150-2	30	27	43	33	26.45	cps
Nickel	60-2	177861	180478	180801	179713	0.90	cps
Phosphorus	31-2	15167	14858	14416	14813	2.55	cps
Potassium	39-2	1731840	1739559	1738031	1736476	0.24	cps
Rhodium	103-1	5684276	5754665	5661846	5700262	0.85	cps
Rhodium	103-2	2620189	2634299	2642192	2632227	0.42	cps
Scandium	45-1	3910896	3872587	3860994	3881492	0.67	cps
Scandium	45-2	170441	171273	171675	171130	0.37	cps
Selenium	77-2	1037	1120	1057	1071	4.06	cps
Selenium	78-2	3560	3739	3786	3695	3.23	cps
Selenium	82-1	22430	22152	22157	22246	0.72	cps
Silicon	28-1	1248485	1257974	1248476	1251645	0.44	cps
Silver	109-1	1768213	1763534	1753823	1761857	0.42	cps
Silver	107-1	1822922	1849738	1828914	1833858	0.77	cps
Sodium	23-2	6007257	5982188	6028980	6006142	0.39	cps
Strontium	86-1	508079	507377	507677	507711	0.07	cps
Strontium	88-1	4490250	4486222	4465182	4480551	0.30	cps
Sulfur	34-1	357446	351356	349694	352832	1.16	cps
Terbium	159-1	8652972	8725488	8520343	8632934	1.21	cps
Terbium	159-2	4355469	4391249	4389187	4378635	0.46	cps
Thallium	203-1	1597791	1589800	1588869	1592153	0.31	cps
Thallium	205-1	3902192	3875563	3870832	3882863	0.44	cps
Tin	118-1	1309619	1315216	1309118	1311318	0.26	cps
Titanium	47-1	208317	206771	206626	207238	0.45	cps
Uranium	238-1	5408385	5411288	5406334	5408669	0.05	cps
Vanadium	51-2	362656	363430	363511	363199	0.13	cps
Yttrium	89-1	6668518	6705173	6605453	6659714	0.76	cps
Yttrium	89-2	996383	999178	1003330	999630	0.35	cps
Zinc	66-2	135512	136244	135508	135755	0.31	cps
Zirconium	90-1	2510105	2508468	2508789	2509121	0.03	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:03:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	556259	559011	559885	558385	0.34	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:07:25 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	548156	547978	547163	547766	0.10	cps
Antimony	121-1	3134768	3181272	3134320	3150120	0.86	cps
Arsenic	75-2	100039	99338	99507	99628	0.37	cps
Barium	135-1	4152093	4137389	4139280	4142920	0.19	cps
Barium	137-1	6982404	7009006	7017978	7003129	0.26	cps
Beryllium	9-1	476449	474807	472909	474722	0.37	cps
Bismuth	209-1	5189028	5094435	5373442	5218968	2.72	cps
Bismuth	209-2	3272090	3246815	3252313	3257073	0.41	cps
Boron	10-1	49072	50753	50870	50232	2.00	cps
Boron	11-1	237915	235785	240880	238193	1.07	cps
Cadmium	111-1	716796	708332	705098	710075	0.85	cps
Cadmium	106-1	79850	78325	79238	79138	0.97	cps
Cadmium	108-1	51887	51381	51322	51530	0.60	cps
Calcium	43-1	873198	887769	878526	879831	0.84	cps
Calcium	44-1	14092634	14085213	14103796	14093881	0.07	cps
Chromium	52-2	843293	849834	848838	847322	0.42	cps
Cobalt	59-2	1352182	1357840	1355543	1355188	0.21	cps
Copper	63-2	1894420	1900463	1893770	1896218	0.19	cps
Dysprosium	156-1	108	92	100	100	8.33	cps
Dysprosium	156-2	43	57	73	58	26.01	cps
Erbium	164-1	25	67	25	39	61.86	cps
Erbium	164-2	7	30	17	18	65.83	cps
Gadolinium	160-1	25	100	83	69	56.71	cps
Gadolinium	160-2	73	77	90	80	11.02	cps
Holmium	165-1	8008018	7982206	8329504	8106576	2.39	cps
Holmium	165-2	4398843	4369975	4323520	4364113	0.87	cps
Indium	115-1	6134204	6000393	6119946	6084848	1.21	cps
Indium	115-2	1289253	1287364	1274827	1283815	0.61	cps
Iron	56-2	35105983	35207293	35220889	35178055	0.18	cps
Iron	57-2	882233	880713	875459	879468	0.40	cps
Lead	206-1	2542181	2547500	2544759	2544814	0.10	cps
Lead	207-1	2304420	2315915	2314451	2311595	0.27	cps
Lead	208-1	10474460	10452221	10484021	10470234	0.16	cps
Lithium	6-1	1194745	1199148	1230962	1208285	1.64	cps
Magnesium	24-2	6297305	6329291	6287085	6304561	0.35	cps
Manganese	55-2	1003517	1011987	1006851	1007452	0.42	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:07:25	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2674387	2683022	2661740	2673050	0.40	cps
Molybdenum	95-1	1491562	1494213	1473484	1486420	0.76	cps
Molybdenum	96-1	1903350	1904675	1888508	1898844	0.47	cps
Molybdenum	97-1	928722	935528	934792	933014	0.40	cps
Molybdenum	98-1	2377411	2394352	2389284	2387015	0.36	cps
Neodymium	150-1	340	533	433	436	22.20	cps
Neodymium	150-2	33	33	40	36	10.83	cps
Nickel	60-2	346201	348982	349757	348313	0.54	cps
Phosphorus	31-2	29897	28854	30465	29739	2.75	cps
Potassium	39-2	3413149	3425477	3407442	3415356	0.27	cps
Rhodium	103-1	5364154	5327330	5577161	5422882	2.49	cps
Rhodium	103-2	2567907	2563312	2540879	2557366	0.57	cps
Scandium	45-1	3691402	3574926	3802063	3689464	3.08	cps
Scandium	45-2	169042	171165	167314	169174	1.14	cps
Selenium	77-2	1994	2220	2147	2120	5.46	cps
Selenium	78-2	7269	6954	7180	7134	2.28	cps
Selenium	82-1	43374	43724	42987	43362	0.85	cps
Silicon	28-1	2137229	2124247	2131204	2130893	0.30	cps
Silver	109-1	3436768	3457518	3413726	3436004	0.64	cps
Silver	107-1	3554903	3566997	3541960	3554620	0.35	cps
Sodium	23-2	11726725	11740704	11733600	11733676	0.06	cps
Strontium	86-1	994641	1002002	1003184	999942	0.46	cps
Strontium	88-1	8718029	8762971	8634555	8705185	0.75	cps
Sulfur	34-1	475260	469603	463290	469384	1.28	cps
Terbium	159-1	8163044	8215542	8415717	8264767	1.61	cps
Terbium	159-2	4307232	4322084	4246313	4291876	0.94	cps
Thallium	203-1	3124052	3120726	3111682	3118820	0.21	cps
Thallium	205-1	7465862	7428491	7370517	7421623	0.65	cps
Tin	118-1	2592126	2577204	2561684	2577005	0.59	cps
Titanium	47-1	407654	406158	403589	405800	0.51	cps
Uranium	238-1	10441503	10442079	10440725	10441436	0.01	cps
Vanadium	51-2	712999	716999	713816	714605	0.30	cps
Yttrium	89-1	6331740	6320466	6585894	6412700	2.34	cps
Yttrium	89-2	993202	987539	975348	985363	0.93	cps
Zinc	66-2	261700	260913	261656	261423	0.17	cps
Zirconium	90-1	5066298	5093966	5026290	5062185	0.67	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:07:25	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1112876	1123466	1113979	1116773	0.52	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:11:04 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1083135	1067227	1056734	1069032	1.24	cps
Antimony	121-1	6195963	6247598	6253324	6232295	0.51	cps
Arsenic	75-2	197877	191521	190748	193382	2.02	cps
Barium	135-1	8092947	8154301	8183213	8143487	0.57	cps
Barium	137-1	13947621	14071452	14154150	14057741	0.74	cps
Beryllium	9-1	931342	929760	932673	931259	0.16	cps
Bismuth	209-1	5198416	5189600	5166213	5184743	0.32	cps
Bismuth	209-2	3151249	3089303	3055342	3098631	1.57	cps
Boron	10-1	99811	100508	101757	100692	0.98	cps
Boron	11-1	472243	480578	492110	481644	2.07	cps
Cadmium	111-1	1384860	1385850	1379236	1383315	0.26	cps
Cadmium	106-1	153371	154383	153464	153739	0.36	cps
Cadmium	108-1	100364	100793	101594	100917	0.62	cps
Calcium	43-1	1756070	1762744	1776061	1764958	0.58	cps
Calcium	44-1	28125530	28545113	28546473	28405705	0.85	cps
Chromium	52-2	1675836	1634813	1638099	1649583	1.38	cps
Cobalt	59-2	2654548	2603827	2604303	2620893	1.11	cps
Copper	63-2	3711534	3630234	3614224	3651997	1.43	cps
Dysprosium	156-1	192	183	233	203	13.21	cps
Dysprosium	156-2	60	67	60	62	6.19	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	37	20	20	26	37.66	cps
Gadolinium	160-1	92	50	92	78	30.93	cps
Gadolinium	160-2	87	87	83	86	2.25	cps
Holmium	165-1	8162127	8159713	8169034	8163624	0.06	cps
Holmium	165-2	4296249	4195632	4189585	4227155	1.42	cps
Indium	115-1	5994819	6245762	6059959	6100180	2.13	cps
Indium	115-2	1243123	1218838	1205379	1222447	1.56	cps
Iron	56-2	69264186	67482667	67393210	68046688	1.55	cps
Iron	57-2	1723813	1696922	1684504	1701747	1.18	cps
Lead	206-1	5056963	5016358	5073994	5049105	0.59	cps
Lead	207-1	4604057	4591237	4580840	4592045	0.25	cps
Lead	208-1	20504430	20421746	20499072	20475083	0.23	cps
Lithium	6-1	1202605	1203768	1203503	1203292	0.05	cps
Magnesium	24-2	12348390	12224270	12076476	12216379	1.11	cps
Manganese	55-2	1996591	1938503	1947316	1960803	1.60	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:11:04	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5471576	5489265	5534515	5498452	0.59	cps
Molybdenum	95-1	2983263	3023065	3033349	3013226	0.88	cps
Molybdenum	96-1	3849075	3846003	3883476	3859518	0.54	cps
Molybdenum	97-1	1875412	1886134	1892847	1884798	0.47	cps
Molybdenum	98-1	4817917	4888472	4878925	4861771	0.79	cps
Neodymium	150-1	773	840	693	769	9.55	cps
Neodymium	150-2	73	77	93	81	13.22	cps
Nickel	60-2	681347	666439	664612	670799	1.37	cps
Phosphorus	31-2	58139	57663	55789	57197	2.17	cps
Potassium	39-2	6631579	6462713	6443741	6512677	1.59	cps
Rhodium	103-1	5410611	5433118	5443374	5429034	0.31	cps
Rhodium	103-2	2491497	2440623	2421413	2451177	1.48	cps
Scandium	45-1	3772789	3778496	3828883	3793389	0.81	cps
Scandium	45-2	168212	164421	163875	165503	1.43	cps
Selenium	77-2	4081	4284	4047	4137	3.10	cps
Selenium	78-2	13929	13959	13710	13866	0.98	cps
Selenium	82-1	86684	86328	86455	86489	0.21	cps
Silicon	28-1	3869881	3889209	3898962	3886017	0.38	cps
Silver	109-1	6753732	6743897	6723237	6740288	0.23	cps
Silver	107-1	6978706	7017235	7009704	7001882	0.29	cps
Sodium	23-2	23107344	22719155	22525465	22783988	1.30	cps
Strontium	86-1	1997341	2005699	2007703	2003581	0.27	cps
Strontium	88-1	17281021	17385236	17386692	17350983	0.35	cps
Sulfur	34-1	718124	717525	718463	718037	0.07	cps
Terbium	159-1	8299602	8491614	8489461	8426892	1.31	cps
Terbium	159-2	4229087	4143938	4117911	4163645	1.40	cps
Thallium	203-1	6240449	6244135	6278204	6254263	0.33	cps
Thallium	205-1	14830565	14601178	14650004	14693916	0.82	cps
Tin	118-1	5165211	5226635	5186762	5192869	0.60	cps
Titanium	47-1	811266	815641	821209	816039	0.61	cps
Uranium	238-1	20605411	20766279	20637592	20669761	0.41	cps
Vanadium	51-2	1419956	1387844	1393643	1400481	1.22	cps
Yttrium	89-1	6536851	6558500	6653283	6582878	0.94	cps
Yttrium	89-2	976710	958250	944064	959675	1.71	cps
Zinc	66-2	506857	498644	493935	499812	1.31	cps
Zirconium	90-1	10196059	10341226	10293557	10276947	0.72	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:11:04	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2268720	2282605	2293207	2281511	0.54	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:14:39 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5580359	5670265	5629053	5626559	0.80	cps
Antimony	121-1	24455	23387	23028	23623	3.14	cps
Arsenic	75-2	185	157	170	171	8.13	cps
Barium	135-1	3967	4226	3867	4020	4.60	cps
Barium	137-1	7127	7002	7085	7072	0.90	cps
Beryllium	9-1	1583	1178	1300	1354	15.37	cps
Bismuth	209-1	4607273	4600641	4574100	4594005	0.38	cps
Bismuth	209-2	2850750	2876849	2887743	2871781	0.66	cps
Boron	10-1	6827	6618	6035	6493	6.32	cps
Boron	11-1	31400	29705	28227	29778	5.33	cps
Cadmium	111-1	1791	1879	1966	1879	4.67	cps
Cadmium	106-1	2042	2250	2367	2220	7.42	cps
Cadmium	108-1	38	54	58	50	22.05	cps
Calcium	43-1	9058223	9134838	9124978	9106013	0.46	cps
Calcium	44-1	144693907	145710420	145224737	145209688	0.35	cps
Chromium	52-2	50088	50145	50075	50103	0.07	cps
Cobalt	59-2	4788	4881	4741	4803	1.48	cps
Copper	63-2	8786	9166	8573	8842	3.40	cps
Dysprosium	156-1	150	108	133	131	16.06	cps
Dysprosium	156-2	63	67	60	63	5.27	cps
Erbium	164-1	58	92	83	78	22.30	cps
Erbium	164-2	43	27	17	29	46.62	cps
Gadolinium	160-1	108	100	117	108	7.69	cps
Gadolinium	160-2	113	113	97	108	8.93	cps
Holmium	165-1	7720712	7762761	7695240	7726238	0.44	cps
Holmium	165-2	4134217	4195669	4194604	4174830	0.84	cps
Indium	115-1	5840310	5844005	5850719	5845011	0.09	cps
Indium	115-2	1215748	1230314	1234702	1226921	0.81	cps
Iron	56-2	337186785	337104763	338580608	337624052	0.25	cps
Iron	57-2	8458065	8364420	8430148	8417544	0.57	cps
Lead	206-1	9487	9581	9465	9511	0.65	cps
Lead	207-1	8736	8292	8358	8462	2.83	cps
Lead	208-1	38350	37939	37494	37928	1.13	cps
Lithium	6-1	1168717	1170255	1166961	1168644	0.14	cps
Magnesium	24-2	63257835	63816522	63811391	63628583	0.50	cps
Manganese	55-2	10611	10841	11031	10827	1.94	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:14:39	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11105	10754	10905	10921	1.61	cps
Molybdenum	95-1	16093	15809	15125	15676	3.17	cps
Molybdenum	96-1	22785	23687	21676	22716	4.43	cps
Molybdenum	97-1	10304	10354	9795	10151	3.05	cps
Molybdenum	98-1	26175	25148	25098	25474	2.39	cps
Neodymium	150-1	60	100	107	89	28.40	cps
Neodymium	150-2	47	57	40	48	17.56	cps
Nickel	60-2	12229	11748	12219	12065	2.28	cps
Phosphorus	31-2	175	200	225	200	12.50	cps
Potassium	39-2	33184513	33407229	33460517	33350753	0.44	cps
Rhodium	103-1	4892578	4881281	4916844	4896901	0.37	cps
Rhodium	103-2	2290127	2315324	2326451	2310634	0.81	cps
Scandium	45-1	3692346	3705597	3691457	3696467	0.21	cps
Scandium	45-2	168252	169794	171367	169804	0.92	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	85	80	74	80	6.98	cps
Selenium	82-1	165	176	94	145	30.94	cps
Silicon	28-1	383318	382514	380439	382090	0.39	cps
Silver	109-1	1508	1442	1567	1506	4.16	cps
Silver	107-1	1759	1650	1775	1728	3.93	cps
Sodium	23-2	116687111	117233957	117289465	117070178	0.28	cps
Strontium	86-1	68322	68179	67292	67931	0.82	cps
Strontium	88-1	584301	587742	580539	584194	0.62	cps
Sulfur	34-1	230996	235999	235786	234260	1.21	cps
Terbium	159-1	7994857	7940623	7946822	7960767	0.37	cps
Terbium	159-2	4090297	4116942	4124828	4110689	0.44	cps
Thallium	203-1	4559	4518	4343	4473	2.57	cps
Thallium	205-1	11230	11380	10738	11116	3.02	cps
Tin	118-1	9287	9212	8711	9070	3.45	cps
Titanium	47-1	1450	5198	1609	2752	77.02	cps
Uranium	238-1	6018	5368	5568	5651	5.89	cps
Vanadium	51-2	820	760	780	787	3.88	cps
Yttrium	89-1	6288246	6273372	6234911	6265510	0.44	cps
Yttrium	89-2	957860	963177	969855	963630	0.62	cps
Zinc	66-2	4324	4377	4361	4354	0.63	cps
Zirconium	90-1	4117	3809	3801	3909	4.62	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:14:39	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	942	892	825	886	6.61	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:18:22	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29764	29663	28812	29413	1.78	cps
Antimony	121-1	1260677	1265772	1274107	1266852	0.54	cps
Arsenic	75-2	42577	41518	40850	41648	2.09	cps
Barium	135-1	167414	168305	168957	168225	0.46	cps
Barium	137-1	291689	288114	289128	289644	0.64	cps
Beryllium	9-1	99536	100229	101147	100304	0.81	cps
Bismuth	209-1	5685225	5582138	5639100	5635488	0.92	cps
Bismuth	209-2	3452148	3461009	3450520	3454559	0.16	cps
Boron	10-1	48420	49733	49139	49097	1.34	cps
Boron	11-1	232155	238322	246212	238896	2.95	cps
Cadmium	111-1	154764	154542	155513	154939	0.33	cps
Cadmium	106-1	30768	31152	31227	31049	0.79	cps
Cadmium	108-1	16093	15963	15909	15988	0.59	cps
Calcium	43-1	40289	38911	38660	39287	2.23	cps
Calcium	44-1	626023	621331	621134	622829	0.44	cps
Chromium	52-2	172788	173857	174009	173552	0.38	cps
Cobalt	59-2	285174	287911	286318	286468	0.48	cps
Copper	63-2	201584	203716	205318	203540	0.92	cps
Dysprosium	156-1	33	8	25	22	57.30	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	67	83	50	67	25.00	cps
Erbium	164-2	40	27	27	31	24.74	cps
Gadolinium	160-1	42	25	67	44	47.19	cps
Gadolinium	160-2	83	80	77	80	4.17	cps
Holmium	165-1	8452256	8327150	8402845	8394084	0.75	cps
Holmium	165-2	4456456	4476111	4455297	4462621	0.26	cps
Indium	115-1	6496793	6472563	6500871	6490076	0.24	cps
Indium	115-2	1347190	1342382	1354874	1348149	0.47	cps
Iron	56-2	1504208	1506297	1508732	1506412	0.15	cps
Iron	57-2	37019	36607	37477	37034	1.17	cps
Lead	206-1	1070696	1055109	1072081	1065962	0.88	cps
Lead	207-1	933763	937360	933830	934984	0.22	cps
Lead	208-1	4290267	4269708	4300614	4286863	0.37	cps
Lithium	6-1	1308702	1290317	1296956	1298659	0.72	cps
Magnesium	24-2	158917	161057	161139	160371	0.79	cps
Manganese	55-2	105035	104676	104424	104711	0.29	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:18:22	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2788795	2789970	2778942	2785902	0.22	cps
Molybdenum	95-1	1491791	1491754	1491548	1491698	0.01	cps
Molybdenum	96-1	1909580	1917464	1911580	1912875	0.21	cps
Molybdenum	97-1	928353	926366	921851	925523	0.36	cps
Molybdenum	98-1	2393023	2387618	2385121	2388587	0.17	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	75064	74803	73999	74622	0.74	cps
Phosphorus	31-2	133	92	125	117	18.90	cps
Potassium	39-2	316193	314543	313575	314771	0.42	cps
Rhodium	103-1	5938772	5869476	5888700	5898983	0.61	cps
Rhodium	103-2	2742837	2756477	2754233	2751182	0.27	cps
Scandium	45-1	3987490	3916892	3981396	3961926	0.99	cps
Scandium	45-2	179901	178807	178514	179074	0.41	cps
Selenium	77-2	887	850	923	887	4.14	cps
Selenium	78-2	2934	3000	3228	3054	5.06	cps
Selenium	82-1	18736	18401	18665	18601	0.95	cps
Silicon	28-1	2116005	2108723	2112600	2112443	0.17	cps
Silver	109-1	717840	716287	711902	715343	0.43	cps
Silver	107-1	737593	746813	743872	742759	0.63	cps
Sodium	23-2	513654	519819	513915	515796	0.68	cps
Strontium	86-1	1006432	1010101	1014290	1010274	0.39	cps
Strontium	88-1	8887983	8876963	8808739	8857895	0.48	cps
Sulfur	34-1	242342	236837	240671	239950	1.18	cps
Terbium	159-1	8627391	8628320	8742189	8665967	0.76	cps
Terbium	159-2	4376372	4426588	4401077	4401346	0.57	cps
Thallium	203-1	1308972	1318218	1315500	1314230	0.36	cps
Thallium	205-1	3195393	3196314	3241487	3211065	0.82	cps
Tin	118-1	2597948	2598133	2595268	2597116	0.06	cps
Titanium	47-1	417164	411600	413837	414200	0.68	cps
Uranium	238-1	11257914	11207425	11182469	11215936	0.34	cps
Vanadium	51-2	147354	146748	147010	147037	0.21	cps
Yttrium	89-1	6856223	6830938	6799937	6829033	0.41	cps
Yttrium	89-2	1028283	1028744	1024392	1027139	0.23	cps
Zinc	66-2	56000	56680	56496	56392	0.62	cps
Zirconium	90-1	5393333	5411662	5386110	5397035	0.24	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:18:22	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1189361	1181138	1186704	1185734	0.35	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:25:16 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	42	100	69	42.14	cps
Antimony	121-1	2484	2292	2442	2406	4.19	cps
Arsenic	75-2	20	17	24	20	18.16	cps
Barium	135-1	42	58	33	44	28.65	cps
Barium	137-1	108	58	67	78	34.44	cps
Beryllium	9-1	433	522	422	459	11.94	cps
Bismuth	209-1	5638490	5558283	5629162	5608645	0.78	cps
Bismuth	209-2	3487772	3605781	3547062	3546872	1.66	cps
Boron	10-1	2175	2325	2300	2267	3.55	cps
Boron	11-1	11538	10846	10446	10943	5.05	cps
Cadmium	111-1	1395	1545	1594	1511	6.86	cps
Cadmium	106-1	1967	2167	2234	2122	6.54	cps
Cadmium	108-1	4	25	17	15	68.61	cps
Calcium	43-1	233	275	167	225	24.28	cps
Calcium	44-1	6402	6460	6393	6418	0.57	cps
Chromium	52-2	407	540	407	451	17.06	cps
Cobalt	59-2	143	140	123	136	7.90	cps
Copper	63-2	570	653	650	624	7.56	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	50	50	17	39	49.48	cps
Erbium	164-2	20	20	10	17	34.64	cps
Gadolinium	160-1	100	50	33	61	56.78	cps
Gadolinium	160-2	80	103	80	88	15.35	cps
Holmium	165-1	8381177	8392290	8317991	8363819	0.48	cps
Holmium	165-2	4480543	4624903	4552559	4552668	1.59	cps
Indium	115-1	6526879	6549360	6576875	6551038	0.38	cps
Indium	115-2	1365034	1423135	1390682	1392950	2.09	cps
Iron	56-2	10571	10826	10415	10604	1.96	cps
Iron	57-2	406	461	317	394	18.47	cps
Lead	206-1	706	783	828	772	8.01	cps
Lead	207-1	694	767	661	707	7.63	cps
Lead	208-1	3128	3095	3239	3154	2.40	cps
Lithium	6-1	1275807	1264388	1276302	1272166	0.53	cps
Magnesium	24-2	1050	1358	1075	1161	14.75	cps
Manganese	55-2	130	133	107	123	11.78	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:25:16 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	675	483	517	558	18.34	cps
Molybdenum	95-1	792	708	692	731	7.33	cps
Molybdenum	96-1	992	842	942	925	8.26	cps
Molybdenum	97-1	417	483	458	453	7.44	cps
Molybdenum	98-1	1017	1133	1092	1081	5.47	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	563	490	523	526	6.99	cps
Phosphorus	31-2	108	125	67	100	30.05	cps
Potassium	39-2	33405	32846	32938	33063	0.91	cps
Rhodium	103-1	5929296	5806348	5875801	5870482	1.05	cps
Rhodium	103-2	2768124	2865182	2801487	2811597	1.75	cps
Scandium	45-1	3925037	3894137	3943181	3920785	0.63	cps
Scandium	45-2	179595	184297	182276	182056	1.30	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	89	69	56	71	23.67	cps
Selenium	82-1	72	56	26	52	44.99	cps
Silicon	28-1	320596	319840	324343	321593	0.75	cps
Silver	109-1	92	158	117	122	27.56	cps
Silver	107-1	158	108	83	117	32.73	cps
Sodium	23-2	15308	15467	16151	15642	2.86	cps
Strontium	86-1	675	775	825	758	10.07	cps
Strontium	88-1	875	892	700	822	12.91	cps
Sulfur	34-1	244238	242432	243449	243373	0.37	cps
Terbium	159-1	8684233	8581051	8775913	8680399	1.12	cps
Terbium	159-2	4398031	4553560	4478213	4476601	1.74	cps
Thallium	203-1	433	417	458	436	4.81	cps
Thallium	205-1	1050	1242	808	1033	21.02	cps
Tin	118-1	1634	1767	1417	1606	11.00	cps
Titanium	47-1	100	75	58	78	26.96	cps
Uranium	238-1	283	250	192	242	19.20	cps
Vanadium	51-2	10	20	10	13	43.30	cps
Yttrium	89-1	6786591	6846588	6782181	6805120	0.53	cps
Yttrium	89-2	1030271	1063767	1040910	1044983	1.64	cps
Zinc	66-2	140	150	130	140	7.14	cps
Zirconium	90-1	575	692	675	647	9.75	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:25:16	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	117	125	122	3.94	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:28:46 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5210520	5218977	5238691	5222730	0.28	cps
Antimony	121-1	8928	8811	8753	8831	1.01	cps
Arsenic	75-2	67	67	109	81	30.41	cps
Barium	135-1	2459	2659	2542	2553	3.94	cps
Barium	137-1	4393	4001	4276	4223	4.76	cps
Beryllium	9-1	650	639	578	622	6.25	cps
Bismuth	209-1	5283399	5307235	5306861	5299165	0.26	cps
Bismuth	209-2	3163604	3187448	3224435	3191829	0.96	cps
Boron	10-1	1684	1767	1608	1686	4.70	cps
Boron	11-1	8261	8011	7994	8089	1.85	cps
Cadmium	111-1	2194	2066	2048	2102	3.78	cps
Cadmium	106-1	2075	2075	2134	2095	1.61	cps
Cadmium	108-1	1025	1071	988	1028	4.06	cps
Calcium	43-1	1758065	1749183	1740334	1749194	0.51	cps
Calcium	44-1	28453009	28463034	28282394	28399479	0.36	cps
Chromium	52-2	33729	33595	34160	33828	0.87	cps
Cobalt	59-2	3177	3510	3167	3285	5.95	cps
Copper	63-2	15285	15562	15842	15563	1.79	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	13	20	27	20	33.35	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	20	27	23	23	14.29	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	67	67	100	78	24.74	cps
Holmium	165-1	8368053	8422786	8554680	8448506	1.14	cps
Holmium	165-2	4395456	4420279	4438296	4418011	0.49	cps
Indium	115-1	6363477	6307282	6402756	6357838	0.75	cps
Indium	115-2	1281734	1307066	1317169	1301990	1.40	cps
Iron	56-2	138685961	139224356	139496303	139135540	0.30	cps
Iron	57-2	3462597	3490150	3499518	3484089	0.55	cps
Lead	206-1	25030	24746	24606	24794	0.87	cps
Lead	207-1	20823	20021	20221	20355	2.05	cps
Lead	208-1	95986	94037	93623	94549	1.33	cps
Lithium	6-1	1203542	1196945	1202285	1200924	0.29	cps
Magnesium	24-2	12152270	12257902	12242365	12217512	0.47	cps
Manganese	55-2	8166	8282	8122	8190	1.01	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:28:46	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3359293	3388540	3364239	3370690	0.46	cps
Molybdenum	95-1	5912361	5867890	5881372	5887208	0.39	cps
Molybdenum	96-1	6361498	6416800	6401212	6393170	0.45	cps
Molybdenum	97-1	3698853	3681944	3681405	3687401	0.27	cps
Molybdenum	98-1	9516839	9551961	9523011	9530603	0.20	cps
Neodymium	150-1	20	60	27	36	60.27	cps
Neodymium	150-2	7	17	23	16	53.90	cps
Nickel	60-2	4354	4171	4191	4238	2.37	cps
Phosphorus	31-2	286441	289813	288190	288148	0.59	cps
Potassium	39-2	13125916	13248478	13305617	13226671	0.69	cps
Rhodium	103-1	5521641	5535908	5590443	5549331	0.65	cps
Rhodium	103-2	2516829	2547220	2578511	2547520	1.21	cps
Scandium	45-1	3863446	3840433	3879709	3861196	0.51	cps
Scandium	45-2	167410	172720	171611	170580	1.64	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	72	54	81	69	20.46	cps
Selenium	82-1	19	55	64	46	51.27	cps
Silicon	28-1	421654	420282	423406	421781	0.37	cps
Silver	109-1	683	600	742	675	10.55	cps
Silver	107-1	558	800	900	753	23.33	cps
Sodium	23-2	22999914	23055256	23166684	23073951	0.37	cps
Strontium	86-1	69175	69125	71043	69781	1.57	cps
Strontium	88-1	601932	594706	607446	601362	1.06	cps
Sulfur	34-1	2683251	2663734	2668156	2671714	0.38	cps
Terbium	159-1	8743747	8731483	8723162	8732797	0.12	cps
Terbium	159-2	4303873	4340833	4384960	4343222	0.93	cps
Thallium	203-1	1058	1192	925	1058	12.60	cps
Thallium	205-1	2259	2617	2750	2542	10.00	cps
Tin	118-1	3459	3117	3234	3270	5.31	cps
Titanium	47-1	1627395	1629155	1615258	1623936	0.47	cps
Uranium	238-1	500	383	583	489	20.55	cps
Vanadium	51-2	263	247	213	241	10.56	cps
Yttrium	89-1	6790283	6714421	6801181	6768628	0.70	cps
Yttrium	89-2	988796	1001642	1013914	1001451	1.25	cps
Zinc	66-2	3030	3144	3114	3096	1.90	cps
Zirconium	90-1	5426	4401	3734	4520	18.86	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:28:46	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1300	1000	1008	1103	15.49	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 15:32:12 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5270045	5248862	5258701	5259203	0.20	cps
Antimony	121-1	133976	136239	134664	134960	0.86	cps
Arsenic	75-2	3930	4121	4056	4036	2.40	cps
Barium	135-1	34828	36858	36064	35917	2.85	cps
Barium	137-1	62157	64032	62433	62874	1.61	cps
Beryllium	9-1	19379	19040	19185	19201	0.89	cps
Bismuth	209-1	5396278	5387684	5404145	5396035	0.15	cps
Bismuth	209-2	3261287	3210057	3242682	3238009	0.80	cps
Boron	10-1	6285	6152	5843	6093	3.72	cps
Boron	11-1	29722	29454	30114	29763	1.12	cps
Cadmium	111-1	30842	30672	30255	30590	0.99	cps
Cadmium	106-1	6510	6368	6185	6354	2.56	cps
Cadmium	108-1	3534	3230	3463	3409	4.67	cps
Calcium	43-1	1767173	1767390	1770418	1768327	0.10	cps
Calcium	44-1	28656895	28699903	28711586	28689461	0.10	cps
Chromium	52-2	68558	67869	68073	68167	0.52	cps
Cobalt	59-2	58091	58259	58131	58160	0.15	cps
Copper	63-2	53829	53605	54739	54057	1.11	cps
Dysprosium	156-1	33	33	42	36	13.33	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	67	67	42	58	24.74	cps
Erbium	164-2	23	13	47	28	61.59	cps
Gadolinium	160-1	75	25	33	44	60.27	cps
Gadolinium	160-2	87	77	97	87	11.54	cps
Holmium	165-1	8614959	8575153	8606591	8598901	0.24	cps
Holmium	165-2	4526661	4449934	4502943	4493179	0.87	cps
Indium	115-1	6478234	6523326	6469585	6490381	0.44	cps
Indium	115-2	1340350	1316880	1341251	1332827	1.04	cps
Iron	56-2	140338520	139894039	139186464	139806341	0.42	cps
Iron	57-2	3534565	3488086	3490896	3504515	0.74	cps
Lead	206-1	128311	128728	129603	128880	0.51	cps
Lead	207-1	106041	107610	108029	107227	0.98	cps
Lead	208-1	495694	502631	502067	500131	0.77	cps
Lithium	6-1	1201541	1200649	1185617	1195936	0.75	cps
Magnesium	24-2	12334813	12263757	12194378	12264316	0.57	cps
Manganese	55-2	28474	28678	28077	28410	1.08	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:32:12	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3721784	3694298	3712781	3709621	0.38	cps
Molybdenum	95-1	6098296	6147979	6142641	6129639	0.44	cps
Molybdenum	96-1	6650534	6676152	6729338	6685341	0.60	cps
Molybdenum	97-1	3823602	3844868	3847200	3838557	0.34	cps
Molybdenum	98-1	9826491	9899810	9839553	9855285	0.40	cps
Neodymium	150-1	40	47	7	31	68.88	cps
Neodymium	150-2	7	27	17	17	59.99	cps
Nickel	60-2	18552	18001	18181	18245	1.54	cps
Phosphorus	31-2	292224	293790	287333	291116	1.16	cps
Potassium	39-2	13482757	13404942	13325899	13404533	0.59	cps
Rhodium	103-1	5650329	5642612	5661510	5651484	0.17	cps
Rhodium	103-2	2632684	2583065	2621007	2612252	0.99	cps
Scandium	45-1	3928802	3905154	3933787	3922581	0.39	cps
Scandium	45-2	177823	173641	175614	175693	1.19	cps
Selenium	77-2	110	77	63	83	28.85	cps
Selenium	78-2	337	331	354	341	3.39	cps
Selenium	82-1	1869	1779	1909	1852	3.58	cps
Silicon	28-1	604993	610706	609926	608542	0.51	cps
Silver	109-1	130154	133290	134258	132567	1.62	cps
Silver	107-1	136686	137461	134221	136123	1.24	cps
Sodium	23-2	23297007	23295354	23203430	23265264	0.23	cps
Strontium	86-1	173551	170624	173039	172405	0.91	cps
Strontium	88-1	1503241	1504020	1511588	1506283	0.31	cps
Sulfur	34-1	2675974	2671674	2688331	2678660	0.32	cps
Terbium	159-1	8802382	8839410	8847494	8829762	0.27	cps
Terbium	159-2	4436654	4374554	4413783	4408331	0.71	cps
Thallium	203-1	128061	127993	128609	128221	0.26	cps
Thallium	205-1	305989	307223	309434	307549	0.57	cps
Tin	118-1	259630	258713	260185	259509	0.29	cps
Titanium	47-1	1667743	1681801	1695601	1681715	0.83	cps
Uranium	238-1	1029647	1032179	1040624	1034150	0.56	cps
Vanadium	51-2	29229	28541	28755	28842	1.22	cps
Yttrium	89-1	6959654	6909008	6861430	6910031	0.71	cps
Yttrium	89-2	1035101	1017083	1027757	1026647	0.88	cps
Zinc	66-2	8279	8389	8322	8330	0.67	cps
Zirconium	90-1	540063	542131	546431	542875	0.60	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:32:12	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	121573	119612	122295	121160	1.15	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:49:49	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2902110	2896721	2918117	2905649	0.38	cps
Antimony	121-1	3075861	3089552	3098242	3087885	0.37	cps
Arsenic	75-2	99433	100736	99899	100023	0.66	cps
Barium	135-1	4135779	4155993	4140166	4143979	0.26	cps
Barium	137-1	7094109	7079089	7130936	7101378	0.38	cps
Beryllium	9-1	463175	465783	466107	465022	0.35	cps
Bismuth	209-1	5022182	5004446	5043532	5023387	0.39	cps
Bismuth	209-2	3054659	3060496	3055987	3057047	0.10	cps
Boron	10-1	48303	48771	50000	49025	1.79	cps
Boron	11-1	234945	243011	244588	240848	2.15	cps
Cadmium	111-1	677215	682641	680026	679961	0.40	cps
Cadmium	106-1	77303	77354	78416	77691	0.81	cps
Cadmium	108-1	49357	49060	49545	49320	0.50	cps
Calcium	43-1	4482871	4524034	4549572	4518826	0.74	cps
Calcium	44-1	71231531	71631387	71923066	71595328	0.48	cps
Chromium	52-2	879487	876951	880043	878827	0.19	cps
Cobalt	59-2	1350494	1357783	1348547	1352274	0.36	cps
Copper	63-2	1867705	1870760	1873210	1870558	0.15	cps
Dysprosium	156-1	183	158	108	150	25.46	cps
Dysprosium	156-2	77	90	70	79	12.91	cps
Erbium	164-1	75	58	117	83	36.05	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-1	58	117	42	72	54.52	cps
Gadolinium	160-2	107	110	100	106	4.82	cps
Holmium	165-1	8015574	8151077	8055752	8074134	0.86	cps
Holmium	165-2	4328760	4314035	4335167	4325987	0.25	cps
Indium	115-1	6138958	6111051	6183415	6144474	0.59	cps
Indium	115-2	1252797	1258566	1256163	1255842	0.23	cps
Iron	56-2	173395115	173239576	174233537	173622743	0.31	cps
Iron	57-2	4385809	4423343	4415112	4408088	0.45	cps
Lead	206-1	2469311	2475069	2483498	2475959	0.29	cps
Lead	207-1	2264613	2248871	2263461	2258982	0.39	cps
Lead	208-1	10221916	10162486	10210139	10198180	0.31	cps
Lithium	6-1	1133887	1137015	1154865	1141922	0.99	cps
Magnesium	24-2	31111431	31008074	31016747	31045417	0.18	cps
Manganese	55-2	1008120	1009266	1011703	1009696	0.18	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:49:49	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2781155	2771838	2772840	2775278	0.18	cps
Molybdenum	95-1	1512923	1512873	1516612	1514136	0.14	cps
Molybdenum	96-1	1928680	1929578	1927257	1928505	0.06	cps
Molybdenum	97-1	941691	943179	941905	942258	0.09	cps
Molybdenum	98-1	2447284	2431042	2419201	2432509	0.58	cps
Neodymium	150-1	460	460	420	447	5.17	cps
Neodymium	150-2	47	100	50	66	45.57	cps
Nickel	60-2	346352	346932	345733	346339	0.17	cps
Phosphorus	31-2	29981	30599	31518	30699	2.52	cps
Potassium	39-2	16893874	16939340	16992295	16941837	0.29	cps
Rhodium	103-1	5306117	5241963	5235671	5261250	0.74	cps
Rhodium	103-2	2444625	2463044	2451585	2453085	0.38	cps
Scandium	45-1	3784094	3810645	3847831	3814190	0.84	cps
Scandium	45-2	174433	174585	175606	174874	0.36	cps
Selenium	77-2	2267	2110	2097	2158	4.38	cps
Selenium	78-2	7059	7202	7226	7162	1.26	cps
Selenium	82-1	42409	42835	42564	42603	0.51	cps
Silicon	28-1	2251514	2259310	2276485	2262436	0.56	cps
Silver	109-1	3271357	3290070	3300494	3287307	0.45	cps
Silver	107-1	3406414	3383606	3403569	3397863	0.37	cps
Sodium	23-2	58396308	58537628	58750518	58561485	0.30	cps
Strontium	86-1	1028366	1029549	1036067	1031327	0.40	cps
Strontium	88-1	8985793	9057748	8984637	9009393	0.46	cps
Sulfur	34-1	482671	486441	485801	484971	0.42	cps
Terbium	159-1	8374596	8329774	8404985	8369785	0.45	cps
Terbium	159-2	4239571	4241767	4262613	4247984	0.30	cps
Thallium	203-1	3070747	3070842	3068844	3070145	0.04	cps
Thallium	205-1	7363791	7350618	7403153	7372521	0.37	cps
Tin	118-1	2549942	2538405	2543706	2544018	0.23	cps
Titanium	47-1	417510	421614	420371	419832	0.50	cps
Uranium	238-1	10550862	10535993	10575743	10554200	0.19	cps
Vanadium	51-2	742586	744548	741020	742718	0.24	cps
Yttrium	89-1	6516455	6538264	6568668	6541129	0.40	cps
Yttrium	89-2	989606	993187	990622	991138	0.19	cps
Zinc	66-2	262518	263705	266063	264095	0.68	cps
Zirconium	90-1	5277713	5271627	5251692	5267011	0.26	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 15:49:49	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1158121	1162615	1156714	1159150	0.27	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : CCB27 Instrumnet Name : P7
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 16:07:22 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	25	42	34.64	cps
Antimony	121-1	1183	1067	1258	1170	8.26	cps
Arsenic	75-2	11	9	9	10	10.81	cps
Barium	135-1	17	75	58	50	60.09	cps
Barium	137-1	17	17	42	25	57.73	cps
Beryllium	9-1	289	233	289	270	11.86	cps
Bismuth	209-1	5452744	5568509	5582310	5534521	1.29	cps
Bismuth	209-2	3373504	3390845	3379541	3381297	0.26	cps
Boron	10-1	633	542	667	614	10.54	cps
Boron	11-1	2417	2475	2692	2528	5.73	cps
Cadmium	111-1	1375	1519	1547	1480	6.25	cps
Cadmium	106-1	1959	2167	2192	2106	6.09	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	133	133	142	136	3.53	cps
Calcium	44-1	4484	4034	3934	4151	7.06	cps
Chromium	52-2	557	580	607	581	4.31	cps
Cobalt	59-2	117	147	97	120	20.97	cps
Copper	63-2	510	603	523	546	9.25	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	27	7	13	16	65.47	cps
Gadolinium	160-1	8	0	25	11	114.58	cps
Gadolinium	160-2	73	80	73	76	5.10	cps
Holmium	165-1	8038662	8236337	8252776	8175925	1.46	cps
Holmium	165-2	4360227	4387917	4392350	4380164	0.40	cps
Indium	115-1	6292217	6384648	6435524	6370796	1.14	cps
Indium	115-2	1324109	1333116	1346441	1334555	0.84	cps
Iron	56-2	10398	10676	10031	10369	3.12	cps
Iron	57-2	389	356	389	378	5.09	cps
Lead	206-1	694	706	772	724	5.81	cps
Lead	207-1	617	689	633	646	5.85	cps
Lead	208-1	2600	2822	2772	2732	4.27	cps
Lithium	6-1	1162971	1193575	1198548	1185031	1.63	cps
Magnesium	24-2	1125	1000	1292	1139	12.85	cps
Manganese	55-2	103	133	100	112	16.36	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:07:22	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	575	467	508	517	10.58	cps
Molybdenum	95-1	292	325	233	283	16.38	cps
Molybdenum	96-1	425	425	450	433	3.33	cps
Molybdenum	97-1	225	192	183	200	11.02	cps
Molybdenum	98-1	583	550	517	550	6.06	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	510	533	567	537	5.31	cps
Phosphorus	31-2	125	133	42	100	50.69	cps
Potassium	39-2	34558	35619	35544	35240	1.68	cps
Rhodium	103-1	5681937	5774653	5816893	5757828	1.20	cps
Rhodium	103-2	2687906	2697507	2729269	2704894	0.80	cps
Scandium	45-1	3758235	3887615	3885118	3843656	1.92	cps
Scandium	45-2	176550	176351	176975	176625	0.18	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	57	81	56	65	22.31	cps
Selenium	82-1	35	91	-79	16	540.70	cps
Silicon	28-1	344173	348293	349672	347379	0.82	cps
Silver	109-1	158	117	100	125	24.03	cps
Silver	107-1	158	150	183	164	10.59	cps
Sodium	23-2	16017	16827	16768	16537	2.73	cps
Strontium	86-1	742	783	642	722	10.08	cps
Strontium	88-1	558	458	600	539	13.51	cps
Sulfur	34-1	244567	240149	243265	242660	0.94	cps
Terbium	159-1	8293692	8487568	8627020	8469427	1.98	cps
Terbium	159-2	4285790	4280365	4340330	4302161	0.77	cps
Thallium	203-1	250	233	350	278	22.72	cps
Thallium	205-1	583	550	683	606	11.46	cps
Tin	118-1	950	875	925	917	4.17	cps
Titanium	47-1	75	67	117	86	31.11	cps
Uranium	238-1	67	42	83	64	32.83	cps
Vanadium	51-2	7	10	23	13	66.12	cps
Yttrium	89-1	6534641	6643239	6681648	6619843	1.15	cps
Yttrium	89-2	1010577	1009327	1017386	1012430	0.43	cps
Zinc	66-2	73	50	60	61	19.15	cps
Zirconium	90-1	942	933	900	925	2.38	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:07:22	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	233	333	278	18.33	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:10:51	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008	833	1033	958	11.37	cps
Antimony	121-1	11547	11639	11580	11589	0.40	cps
Arsenic	75-2	154	157	198	170	14.53	cps
Barium	135-1	13766	13374	13674	13604	1.51	cps
Barium	137-1	23688	23604	23487	23593	0.43	cps
Beryllium	9-1	1045	1000	1067	1037	3.27	cps
Bismuth	209-1	5828759	5687018	5724220	5746666	1.28	cps
Bismuth	209-2	3537902	3437312	3415222	3463479	1.89	cps
Boron	10-1	2350	2559	2417	2442	4.36	cps
Boron	11-1	11163	11138	11863	11388	3.62	cps
Cadmium	111-1	2804	2998	2899	2901	3.33	cps
Cadmium	106-1	2275	2525	2425	2409	5.23	cps
Cadmium	108-1	108	142	117	122	14.19	cps
Calcium	43-1	7177	7927	7360	7488	5.22	cps
Calcium	44-1	123252	121890	124336	123160	1.00	cps
Chromium	52-2	3450	3514	3721	3562	3.97	cps
Cobalt	59-2	2247	2450	2477	2391	5.26	cps
Copper	63-2	4234	4397	4151	4261	2.95	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	33	27	7	22	62.43	cps
Gadolinium	160-1	17	42	8	22	78.07	cps
Gadolinium	160-2	80	77	47	68	27.08	cps
Holmium	165-1	8662865	8507626	8527440	8565977	0.99	cps
Holmium	165-2	4598338	4488086	4462237	4516220	1.60	cps
Indium	115-1	6780916	6629358	6649857	6686710	1.23	cps
Indium	115-2	1397316	1366594	1361100	1375003	1.42	cps
Iron	56-2	71557	70251	70134	70648	1.12	cps
Iron	57-2	1928	1845	1972	1915	3.39	cps
Lead	206-1	7825	8397	8292	8171	3.73	cps
Lead	207-1	6752	7102	7108	6987	2.92	cps
Lead	208-1	30965	33217	33028	32403	3.86	cps
Lithium	6-1	1248088	1234051	1224485	1235541	0.96	cps
Magnesium	24-2	55479	54943	54843	55088	0.62	cps
Manganese	55-2	1043	1087	927	1019	8.12	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:10:51	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10454	10413	10846	10571	2.26	cps
Molybdenum	95-1	12439	12423	12272	12378	0.74	cps
Molybdenum	96-1	13724	13982	13607	13771	1.39	cps
Molybdenum	97-1	7661	8053	7777	7830	2.57	cps
Molybdenum	98-1	19539	20758	20048	20115	3.04	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	1167	1090	1233	1163	6.17	cps
Phosphorus	31-2	117	133	167	139	18.33	cps
Potassium	39-2	94434	92152	93217	93268	1.22	cps
Rhodium	103-1	5928025	6028833	5868379	5941745	1.36	cps
Rhodium	103-2	2833379	2765908	2760106	2786465	1.46	cps
Scandium	45-1	4106386	4004922	4004869	4038726	1.45	cps
Scandium	45-2	183744	179424	178855	180674	1.48	cps
Selenium	77-2	13	23	27	21	32.88	cps
Selenium	78-2	135	119	117	123	8.26	cps
Selenium	82-1	404	427	485	439	9.49	cps
Silicon	28-1	378994	365807	366011	370270	2.04	cps
Silver	109-1	7819	7661	8019	7833	2.29	cps
Silver	107-1	8278	8428	8386	8364	0.93	cps
Sodium	23-2	119271	120119	120498	119963	0.52	cps
Strontium	86-1	2467	2509	2409	2461	2.04	cps
Strontium	88-1	15300	15684	15217	15400	1.62	cps
Sulfur	34-1	240416	242390	242347	241718	0.47	cps
Terbium	159-1	8855882	8802645	8795798	8818108	0.37	cps
Terbium	159-2	4551985	4418127	4396178	4455430	1.89	cps
Thallium	203-1	5802	5952	5910	5888	1.32	cps
Thallium	205-1	14108	13866	13599	13858	1.84	cps
Tin	118-1	22310	21409	21500	21740	2.28	cps
Titanium	47-1	3417	3401	3451	3423	0.74	cps
Uranium	238-1	16795	17387	17813	17332	2.95	cps
Vanadium	51-2	6161	6178	5821	6054	3.33	cps
Yttrium	89-1	7046628	6888720	6877697	6937682	1.36	cps
Yttrium	89-2	1060174	1029269	1025331	1038258	1.84	cps
Zinc	66-2	570	667	593	610	8.27	cps
Zirconium	90-1	10121	10563	10271	10318	2.18	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:10:51	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2334	2125	2325	2261	5.22	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:14:19	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	275	292	325	22.35	cps
Antimony	121-1	700	792	733	742	6.26	cps
Arsenic	75-2	609197	606957	605032	607062	0.34	cps
Barium	135-1	67	92	50	69	30.20	cps
Barium	137-1	158	117	167	147	18.20	cps
Beryllium	9-1	200	206	178	194	7.56	cps
Bismuth	209-1	5683985	5590873	5548993	5607950	1.23	cps
Bismuth	209-2	3373627	3359913	3378154	3370565	0.28	cps
Boron	10-1	583	483	558	542	9.61	cps
Boron	11-1	2392	2517	2592	2500	4.04	cps
Cadmium	111-1	1564	1715	1383	1554	10.69	cps
Cadmium	106-1	2184	2400	1950	2178	10.34	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	725	633	792	717	11.09	cps
Calcium	44-1	13140	12648	13248	13012	2.46	cps
Chromium	52-2	647	647	630	641	1.50	cps
Cobalt	59-2	127	117	120	121	4.20	cps
Copper	63-2	1010	957	1080	1016	6.09	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	58	25	58	47	40.76	cps
Erbium	164-2	20	17	17	18	10.81	cps
Gadolinium	160-1	58	33	58	50	28.88	cps
Gadolinium	160-2	73	87	57	72	20.81	cps
Holmium	165-1	8497863	8303705	8296922	8366163	1.36	cps
Holmium	165-2	4366591	4374767	4341944	4361101	0.39	cps
Indium	115-1	6546665	6417212	6462228	6475368	1.01	cps
Indium	115-2	1333694	1329599	1328522	1330605	0.21	cps
Iron	56-2	10343	10426	10410	10393	0.42	cps
Iron	57-2	417	394	467	426	8.69	cps
Lead	206-1	1600	1317	1428	1448	9.86	cps
Lead	207-1	1261	1395	1022	1226	15.38	cps
Lead	208-1	6195	5945	5512	5884	5.88	cps
Lithium	6-1	1224404	1207175	1204215	1211931	0.90	cps
Magnesium	24-2	1533	1517	1242	1431	11.45	cps
Manganese	55-2	323	337	287	316	8.20	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:14:19	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	458	417	419	8.96	cps
Molybdenum	95-1	225	300	258	261	14.39	cps
Molybdenum	96-1	267	258	225	250	8.82	cps
Molybdenum	97-1	167	142	92	133	28.64	cps
Molybdenum	98-1	508	492	433	478	8.24	cps
Neodymium	150-1	33	33	27	31	12.36	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	577	500	520	532	7.47	cps
Phosphorus	31-2	125	108	125	119	8.06	cps
Potassium	39-2	35343	35853	34717	35304	1.61	cps
Rhodium	103-1	5827971	5866858	5815794	5836874	0.46	cps
Rhodium	103-2	2700591	2703365	2706310	2703422	0.11	cps
Scandium	45-1	3983543	3939004	3863799	3928782	1.54	cps
Scandium	45-2	175872	174740	173650	174754	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	94	46	69	35.44	cps
Selenium	82-1	11	76	9	32	120.92	cps
Silicon	28-1	350900	350115	354861	351959	0.72	cps
Silver	109-1	192	167	258	206	23.05	cps
Silver	107-1	242	283	233	253	10.60	cps
Sodium	23-2	17653	16685	17895	17411	3.68	cps
Strontium	86-1	867	925	883	892	3.37	cps
Strontium	88-1	2300	2409	2050	2253	8.16	cps
Sulfur	34-1	240096	244220	247814	244043	1.58	cps
Terbium	159-1	8668078	8606195	8490344	8588206	1.05	cps
Terbium	159-2	4311367	4292781	4262530	4288893	0.57	cps
Thallium	203-1	433	467	350	417	14.42	cps
Thallium	205-1	650	725	733	703	6.53	cps
Tin	118-1	683	875	725	761	13.24	cps
Titanium	47-1	150	158	208	172	18.32	cps
Uranium	238-1	158	250	208	206	22.33	cps
Vanadium	51-2	67	43	43	51	26.37	cps
Yttrium	89-1	6862586	6696033	6724183	6760934	1.32	cps
Yttrium	89-2	1002899	1008895	1006135	1005976	0.30	cps
Zinc	66-2	163	170	187	173	6.93	cps
Zirconium	90-1	967	800	700	822	16.38	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:14:19	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1817	1617	1909	1781	8.38	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 2PPM	Instrumnet Name :	P7
Client Sample ID :	BE 2PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:24:44	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	75	75	89	27.07	cps
Antimony	121-1	492	517	408	472	12.01	cps
Arsenic	75-2	46	54	54	51	8.34	cps
Barium	135-1	167	83	58	103	55.19	cps
Barium	137-1	208	167	175	183	12.03	cps
Beryllium	9-1	1987285	1986191	1975794	1983090	0.32	cps
Bismuth	209-1	5595379	5619037	5625899	5613439	0.29	cps
Bismuth	209-2	3369082	3381138	3374375	3374865	0.18	cps
Boron	10-1	325	500	408	411	21.29	cps
Boron	11-1	1675	1734	1625	1678	3.23	cps
Cadmium	111-1	1543	1600	1363	1502	8.22	cps
Cadmium	106-1	2175	2267	1925	2122	8.33	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	592	667	500	586	14.24	cps
Calcium	44-1	10879	10971	11296	11049	1.98	cps
Chromium	52-2	717	693	747	719	3.72	cps
Cobalt	59-2	130	113	133	126	8.53	cps
Copper	63-2	867	780	830	826	5.27	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	25	58	36	53.30	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	50	33	17	33	50.00	cps
Gadolinium	160-2	53	53	93	67	34.65	cps
Holmium	165-1	8210798	8257366	8283487	8250550	0.45	cps
Holmium	165-2	4327325	4368331	4373302	4356320	0.58	cps
Indium	115-1	6449369	6375078	6455203	6426550	0.70	cps
Indium	115-2	1330981	1325775	1326156	1327637	0.22	cps
Iron	56-2	9765	10071	9837	9891	1.62	cps
Iron	57-2	322	450	422	398	16.88	cps
Lead	206-1	845	978	1022	948	9.76	cps
Lead	207-1	850	789	845	828	4.08	cps
Lead	208-1	3528	3661	3873	3687	4.71	cps
Lithium	6-1	1208061	1200244	1203404	1203903	0.33	cps
Magnesium	24-2	1709	1825	1825	1786	3.77	cps
Manganese	55-2	1317	1217	1383	1306	6.43	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 2PPM	Instrumnet Name :	P7
Client Sample ID :	BE 2PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:24:44	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	458	417	411	12.22	cps
Molybdenum	95-1	283	292	267	281	4.54	cps
Molybdenum	96-1	275	333	367	325	14.28	cps
Molybdenum	97-1	142	258	225	208	28.85	cps
Molybdenum	98-1	392	408	567	456	21.20	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	3	7	17	9	78.08	cps
Nickel	60-2	767	770	777	771	0.66	cps
Phosphorus	31-2	117	67	125	103	30.70	cps
Potassium	39-2	34508	34975	34257	34580	1.05	cps
Rhodium	103-1	5783520	5786713	5796279	5788837	0.11	cps
Rhodium	103-2	2673089	2686941	2691022	2683684	0.35	cps
Scandium	45-1	3865646	3860600	3858799	3861682	0.09	cps
Scandium	45-2	174625	175762	174714	175033	0.36	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	74	57	70	67	13.01	cps
Selenium	82-1	-12	-15	34	2	1291.46	cps
Silicon	28-1	346331	344343	344973	345216	0.29	cps
Silver	109-1	225	200	158	194	17.32	cps
Silver	107-1	217	192	167	192	13.04	cps
Sodium	23-2	15584	16209	17052	16282	4.53	cps
Strontium	86-1	883	983	908	925	5.63	cps
Strontium	88-1	1834	1850	1750	1811	2.96	cps
Sulfur	34-1	249184	248970	250251	249469	0.28	cps
Terbium	159-1	8542582	8502874	8587708	8544388	0.50	cps
Terbium	159-2	4283698	4291829	4274560	4283363	0.20	cps
Thallium	203-1	342	358	333	344	3.70	cps
Thallium	205-1	833	1142	875	950	17.61	cps
Tin	118-1	767	908	717	797	12.47	cps
Titanium	47-1	133	125	192	150	24.22	cps
Uranium	238-1	233	267	208	236	12.39	cps
Vanadium	51-2	20	33	50	34	43.64	cps
Yttrium	89-1	6638824	6646311	6636064	6640400	0.08	cps
Yttrium	89-2	996938	1005856	1005126	1002640	0.49	cps
Zinc	66-2	377	393	353	374	5.37	cps
Zirconium	90-1	717	658	842	739	12.68	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 2PPM	Instrumnet Name :	P7
Client Sample ID :	BE 2PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:24:44	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	192	167	186	9.32	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 3PPM	Instrumnet Name :	P7
Client Sample ID :	BE 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:28:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	100	125	114	11.18	cps
Antimony	121-1	483	333	425	414	18.27	cps
Arsenic	75-2	33	43	33	36	14.68	cps
Barium	135-1	117	133	42	97	50.22	cps
Barium	137-1	192	183	192	189	2.55	cps
Beryllium	9-1	2985378	2969758	2970912	2975349	0.29	cps
Bismuth	209-1	5645940	5621376	5778951	5682089	1.49	cps
Bismuth	209-2	3414094	3441701	3439950	3431915	0.45	cps
Boron	10-1	350	350	392	364	6.61	cps
Boron	11-1	1609	1742	1350	1567	12.71	cps
Cadmium	111-1	1502	1761	1413	1559	11.60	cps
Cadmium	106-1	2109	2500	1975	2195	12.44	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	517	600	633	583	10.30	cps
Calcium	44-1	11688	11647	11747	11694	0.43	cps
Chromium	52-2	713	743	710	722	2.54	cps
Cobalt	59-2	170	110	123	134	23.43	cps
Copper	63-2	793	680	860	778	11.70	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	17	37	23	26	39.85	cps
Gadolinium	160-1	58	50	83	64	27.15	cps
Gadolinium	160-2	50	43	57	50	13.34	cps
Holmium	165-1	8372961	8346880	8541012	8420284	1.25	cps
Holmium	165-2	4454863	4428880	4436968	4440237	0.30	cps
Indium	115-1	6514828	6456358	6571184	6514124	0.88	cps
Indium	115-2	1348640	1348816	1353735	1350397	0.21	cps
Iron	56-2	9659	10104	9570	9778	2.92	cps
Iron	57-2	428	433	339	400	13.25	cps
Lead	206-1	917	794	861	857	7.14	cps
Lead	207-1	828	895	772	832	7.36	cps
Lead	208-1	3600	3645	3406	3550	3.58	cps
Lithium	6-1	1225161	1212915	1239065	1225713	1.07	cps
Magnesium	24-2	2100	2125	2009	2078	2.96	cps
Manganese	55-2	1403	1373	1393	1390	1.10	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 3PPM	Instrumnet Name :	P7
Client Sample ID :	BE 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:28:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	475	433	428	11.74	cps
Molybdenum	95-1	267	250	283	267	6.25	cps
Molybdenum	96-1	392	350	308	350	11.91	cps
Molybdenum	97-1	200	125	200	175	24.74	cps
Molybdenum	98-1	367	342	417	375	10.18	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	937	960	903	933	3.05	cps
Phosphorus	31-2	108	125	92	108	15.39	cps
Potassium	39-2	33965	34767	35318	34683	1.96	cps
Rhodium	103-1	5891341	5836870	5943908	5890706	0.91	cps
Rhodium	103-2	2721962	2728143	2728485	2726197	0.13	cps
Scandium	45-1	3881483	3895702	3982572	3919919	1.40	cps
Scandium	45-2	176480	177902	175894	176759	0.58	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	70	61	59	64	9.36	cps
Selenium	82-1	36	-3	18	17	116.36	cps
Silicon	28-1	345974	348966	350197	348379	0.62	cps
Silver	109-1	192	158	167	172	10.07	cps
Silver	107-1	183	142	225	183	22.73	cps
Sodium	23-2	17319	17035	17002	17119	1.02	cps
Strontium	86-1	892	908	750	850	10.24	cps
Strontium	88-1	1750	1967	2117	1945	9.48	cps
Sulfur	34-1	244212	251320	249894	248475	1.51	cps
Terbium	159-1	8621058	8583232	8758355	8654215	1.06	cps
Terbium	159-2	4367763	4347604	4379260	4364875	0.37	cps
Thallium	203-1	375	375	408	386	4.98	cps
Thallium	205-1	1067	992	792	950	14.96	cps
Tin	118-1	767	717	858	781	9.20	cps
Titanium	47-1	75	75	108	86	22.35	cps
Uranium	238-1	275	233	225	244	10.96	cps
Vanadium	51-2	60	23	50	44	42.65	cps
Yttrium	89-1	6739422	6621782	6829774	6730326	1.55	cps
Yttrium	89-2	1016182	1016943	1018258	1017128	0.10	cps
Zinc	66-2	480	427	400	436	9.35	cps
Zirconium	90-1	667	633	875	725	18.07	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 3PPM	Instrumnet Name :	P7
Client Sample ID :	BE 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:28:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	167	167	178	10.82	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 5PPM	Instrumnet Name :	P7
Client Sample ID :	BE 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:31:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	67	92	103	41.61	cps
Antimony	121-1	442	458	367	422	11.56	cps
Arsenic	75-2	30	54	31	38	35.00	cps
Barium	135-1	158	167	158	161	2.99	cps
Barium	137-1	208	308	308	275	21.00	cps
Beryllium	9-1	4929972	4865541	4932909	4909474	0.78	cps
Bismuth	209-1	5642597	5574530	5595717	5604281	0.62	cps
Bismuth	209-2	3297039	3387566	3361520	3348708	1.39	cps
Boron	10-1	425	350	458	411	13.50	cps
Boron	11-1	1475	1508	1383	1456	4.45	cps
Cadmium	111-1	1579	1390	1689	1553	9.76	cps
Cadmium	106-1	2192	1950	2392	2178	10.16	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	850	800	808	820	3.27	cps
Calcium	44-1	14875	15017	15317	15069	1.50	cps
Chromium	52-2	880	880	850	870	1.99	cps
Cobalt	59-2	133	170	137	147	13.82	cps
Copper	63-2	973	1000	963	979	1.94	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	17	17	27	20	28.86	cps
Erbium	164-1	67	42	50	53	24.12	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	42	83	50	58	37.80	cps
Gadolinium	160-2	80	73	83	79	6.46	cps
Holmium	165-1	8362104	8155375	8353369	8290283	1.41	cps
Holmium	165-2	4284085	4374203	4360871	4339720	1.12	cps
Indium	115-1	6476725	6408432	6470471	6451876	0.59	cps
Indium	115-2	1298774	1334020	1321503	1318099	1.36	cps
Iron	56-2	11421	11171	11021	11205	1.80	cps
Iron	57-2	339	417	444	400	13.68	cps
Lead	206-1	972	983	950	969	1.75	cps
Lead	207-1	1011	811	789	870	14.06	cps
Lead	208-1	3973	4067	3928	3989	1.78	cps
Lithium	6-1	1222972	1216213	1223737	1220974	0.34	cps
Magnesium	24-2	2167	2225	2109	2167	2.69	cps
Manganese	55-2	1853	1757	1710	1773	4.12	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 5PPM	Instrumnet Name :	P7
Client Sample ID :	BE 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:31:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	425	417	428	2.98	cps
Molybdenum	95-1	325	350	350	342	4.22	cps
Molybdenum	96-1	458	467	383	436	10.53	cps
Molybdenum	97-1	217	208	250	225	9.80	cps
Molybdenum	98-1	542	525	392	486	16.91	cps
Neodymium	150-1	33	27	40	33	20.00	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	940	1030	1073	1014	6.70	cps
Phosphorus	31-2	167	133	125	142	15.56	cps
Potassium	39-2	34458	36020	33305	34594	3.94	cps
Rhodium	103-1	5784294	5815377	5800576	5800082	0.27	cps
Rhodium	103-2	2628930	2706025	2690572	2675175	1.52	cps
Scandium	45-1	3900418	3869011	3881784	3883737	0.41	cps
Scandium	45-2	168752	173384	176312	172816	2.21	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	67	54	63	61	10.93	cps
Selenium	82-1	52	55	55	54	3.30	cps
Silicon	28-1	354442	350862	351602	352302	0.54	cps
Silver	109-1	217	200	142	186	21.16	cps
Silver	107-1	258	267	325	283	12.82	cps
Sodium	23-2	16385	16051	16376	16270	1.17	cps
Strontium	86-1	958	958	1133	1017	9.94	cps
Strontium	88-1	2767	2959	2700	2809	4.78	cps
Sulfur	34-1	249252	247844	246347	247814	0.59	cps
Terbium	159-1	8667638	8550991	8623074	8613901	0.68	cps
Terbium	159-2	4232390	4311241	4296883	4280171	0.98	cps
Thallium	203-1	417	500	558	492	14.48	cps
Thallium	205-1	1083	950	1025	1020	6.56	cps
Tin	118-1	783	733	900	806	10.62	cps
Titanium	47-1	183	167	175	175	4.76	cps
Uranium	238-1	500	325	500	442	22.88	cps
Vanadium	51-2	67	37	40	48	34.42	cps
Yttrium	89-1	6716132	6627434	6682570	6675379	0.67	cps
Yttrium	89-2	990095	1007238	999975	999103	0.86	cps
Zinc	66-2	433	423	457	438	3.91	cps
Zirconium	90-1	833	750	875	820	7.77	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	BE 5PPM	Instrumnet Name :	P7
Client Sample ID :	BE 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:31:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	125	158	153	16.66	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 5PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:35:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	117	100	94	26.96	cps
Antimony	121-1	308	383	300	331	13.89	cps
Arsenic	75-2	33	28	41	34	19.15	cps
Barium	135-1	100	58	92	83	26.46	cps
Barium	137-1	208	117	133	153	31.96	cps
Beryllium	9-1	5679	5812	5735	5742	1.17	cps
Bismuth	209-1	5559975	5513083	5585683	5552914	0.66	cps
Bismuth	209-2	3380075	3391156	3356442	3375891	0.53	cps
Boron	10-1	417	258	233	303	32.84	cps
Boron	11-1	1367	1317	1517	1400	7.44	cps
Cadmium	111-1	1699	1644	1755	1699	3.27	cps
Cadmium	106-1	2517	2475	2634	2542	3.23	cps
Cadmium	108-1	179	175	204	186	8.47	cps
Calcium	43-1	492	550	417	486	13.75	cps
Calcium	44-1	9428	8745	9720	9298	5.39	cps
Chromium	52-2	1950	1933	1920	1935	0.78	cps
Cobalt	59-2	127	170	113	137	21.68	cps
Copper	63-2	747	797	740	761	4.07	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	27	40	13	27	50.01	cps
Gadolinium	160-1	8	58	33	33	75.02	cps
Gadolinium	160-2	67	90	50	69	29.17	cps
Holmium	165-1	8329629	8214243	8368888	8304253	0.97	cps
Holmium	165-2	4357083	4397952	4329910	4361649	0.79	cps
Indium	115-1	6431532	6351617	6441053	6408068	0.77	cps
Indium	115-2	1327361	1352258	1329039	1336219	1.04	cps
Iron	56-2	12995	13284	13084	13121	1.13	cps
Iron	57-2	422	522	378	441	16.79	cps
Lead	206-1	1111	983	1089	1061	6.43	cps
Lead	207-1	939	872	1078	963	10.89	cps
Lead	208-1	4389	3928	4656	4325	8.52	cps
Lithium	6-1	1205886	1198512	1197644	1200681	0.38	cps
Magnesium	24-2	2650	2467	2625	2581	3.85	cps
Manganese	55-2	760	873	803	812	7.04	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 5PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:35:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1592	1859	1767	1739	7.79	cps
Molybdenum	95-1	700	783	792	758	6.69	cps
Molybdenum	96-1	1075	1092	958	1042	6.97	cps
Molybdenum	97-1	608	592	483	561	12.10	cps
Molybdenum	98-1	1275	1150	1183	1203	5.38	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	883	870	837	863	2.78	cps
Phosphorus	31-2	100	100	100	100	0.00	cps
Potassium	39-2	36062	34817	36203	35694	2.14	cps
Rhodium	103-1	5850832	5721184	5794812	5788943	1.12	cps
Rhodium	103-2	2693637	2726805	2686865	2702436	0.79	cps
Scandium	45-1	3840719	3845418	3866641	3850926	0.36	cps
Scandium	45-2	174535	177606	172757	174966	1.40	cps
Selenium	77-2	0	0	13	4	173.21	cps
Selenium	78-2	70	81	70	74	8.66	cps
Selenium	82-1	88	37	45	57	48.17	cps
Silicon	28-1	348612	345132	347072	346939	0.50	cps
Silver	109-1	283	150	333	256	37.08	cps
Silver	107-1	400	367	267	344	20.15	cps
Sodium	23-2	14941	15142	14933	15005	0.79	cps
Strontium	86-1	1292	1625	1617	1511	12.58	cps
Strontium	88-1	9137	9053	8561	8917	3.49	cps
Sulfur	34-1	245947	248005	245540	246497	0.54	cps
Terbium	159-1	8616719	8487537	8588811	8564356	0.79	cps
Terbium	159-2	4296777	4315030	4292564	4301457	0.28	cps
Thallium	203-1	417	408	383	403	4.31	cps
Thallium	205-1	1025	1058	1017	1033	2.13	cps
Tin	118-1	958	1008	933	967	3.95	cps
Titanium	47-1	175	242	192	203	17.11	cps
Uranium	238-1	4926	4568	5010	4834	4.86	cps
Vanadium	51-2	37	37	47	40	14.43	cps
Yttrium	89-1	6624746	6599160	6718776	6647560	0.95	cps
Yttrium	89-2	1011569	1011611	1004102	1009094	0.43	cps
Zinc	66-2	1355215	1356442	1355970	1355876	0.05	cps
Zirconium	90-1	3676	3767	3801	3748	1.73	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 5PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:35:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	883	933	892	903	2.97	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 10PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	208	92	128	54.69	cps
Antimony	121-1	358	450	358	389	13.61	cps
Arsenic	75-2	31	33	37	34	8.34	cps
Barium	135-1	108	158	158	142	20.38	cps
Barium	137-1	192	192	183	189	2.55	cps
Beryllium	9-1	3812	3873	3817	3834	0.88	cps
Bismuth	209-1	5236285	5657813	5567590	5487229	4.04	cps
Bismuth	209-2	3310718	3156295	3143078	3203364	2.91	cps
Boron	10-1	250	175	258	228	20.15	cps
Boron	11-1	1183	1367	1342	1297	7.66	cps
Cadmium	111-1	1316	1787	1844	1649	17.55	cps
Cadmium	106-1	2225	2859	2942	2675	14.65	cps
Cadmium	108-1	446	396	433	425	6.12	cps
Calcium	43-1	383	308	425	372	15.88	cps
Calcium	44-1	8369	7819	8294	8161	3.66	cps
Chromium	52-2	2500	2180	2267	2316	7.15	cps
Cobalt	59-2	150	203	160	171	16.57	cps
Copper	63-2	830	880	830	847	3.41	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	58	33	39	44.62	cps
Erbium	164-2	40	20	20	27	43.30	cps
Gadolinium	160-1	17	92	50	53	71.20	cps
Gadolinium	160-2	67	57	53	59	11.79	cps
Holmium	165-1	7855225	8385552	8335767	8192181	3.58	cps
Holmium	165-2	4254846	4092675	4058709	4135410	2.53	cps
Indium	115-1	6169277	6494858	6443951	6369362	2.75	cps
Indium	115-2	1298064	1242064	1230144	1256757	2.89	cps
Iron	56-2	16054	14752	15069	15292	4.44	cps
Iron	57-2	561	478	506	515	8.24	cps
Lead	206-1	1356	1583	1572	1504	8.54	cps
Lead	207-1	1233	1311	1295	1280	3.20	cps
Lead	208-1	5701	5945	5851	5832	2.11	cps
Lithium	6-1	1162815	1216563	1207365	1195581	2.40	cps
Magnesium	24-2	2692	2600	2575	2623	2.34	cps
Manganese	55-2	1043	987	943	991	5.06	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 10PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2059	2100	2142	2100	1.98	cps
Molybdenum	95-1	1042	1083	1150	1092	5.01	cps
Molybdenum	96-1	1133	1258	1075	1156	8.11	cps
Molybdenum	97-1	608	683	708	667	7.81	cps
Molybdenum	98-1	1592	1525	1567	1561	2.16	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1023	907	840	923	10.05	cps
Phosphorus	31-2	58	142	117	106	40.51	cps
Potassium	39-2	35635	36053	36713	36134	1.50	cps
Rhodium	103-1	5593849	5898141	5783809	5758600	2.67	cps
Rhodium	103-2	2653362	2526971	2499882	2560072	3.20	cps
Scandium	45-1	3701675	3921798	3879565	3834346	3.05	cps
Scandium	45-2	172727	163039	161876	165881	3.59	cps
Selenium	77-2	0	0	20	7	173.21	cps
Selenium	78-2	61	76	81	73	14.46	cps
Selenium	82-1	31	55	5	30	81.67	cps
Silicon	28-1	350399	346078	348350	348276	0.62	cps
Silver	109-1	267	308	292	289	7.26	cps
Silver	107-1	350	408	475	411	15.21	cps
Sodium	23-2	15384	14975	15200	15186	1.35	cps
Strontium	86-1	2150	2192	2209	2184	1.38	cps
Strontium	88-1	13265	13590	13399	13418	1.22	cps
Sulfur	34-1	243737	243840	248326	245301	1.07	cps
Terbium	159-1	8232727	8706286	8621907	8520307	2.96	cps
Terbium	159-2	4226452	4007497	3972860	4068936	3.38	cps
Thallium	203-1	408	417	392	406	3.14	cps
Thallium	205-1	1008	1025	1017	1017	0.82	cps
Tin	118-1	1208	1333	1117	1220	8.92	cps
Titanium	47-1	175	217	250	214	17.57	cps
Uranium	238-1	6110	6077	6402	6196	2.89	cps
Vanadium	51-2	47	40	27	38	26.95	cps
Yttrium	89-1	6388413	6773374	6715863	6625884	3.13	cps
Yttrium	89-2	989520	947306	933238	956688	3.06	cps
Zinc	66-2	2683874	2534832	2521146	2579951	3.50	cps
Zirconium	90-1	3892	4209	4284	4129	5.04	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 10PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	883	767	950	867	10.71	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 20PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:42:13	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	192	192	178	13.53	cps
Antimony	121-1	342	342	317	333	4.33	cps
Arsenic	75-2	43	28	26	32	28.45	cps
Barium	135-1	58	150	267	158	65.95	cps
Barium	137-1	300	225	367	297	23.85	cps
Beryllium	9-1	3067	2900	3045	3004	3.01	cps
Bismuth	209-1	5515262	5560677	5530190	5535376	0.42	cps
Bismuth	209-2	3347022	3373667	3333665	3351451	0.61	cps
Boron	10-1	150	308	267	242	33.96	cps
Boron	11-1	1067	1183	1225	1158	7.09	cps
Cadmium	111-1	1902	1925	1714	1847	6.26	cps
Cadmium	106-1	3334	3351	3167	3284	3.09	cps
Cadmium	108-1	729	725	825	760	7.45	cps
Calcium	43-1	342	467	400	403	15.53	cps
Calcium	44-1	8436	8461	8503	8467	0.40	cps
Chromium	52-2	3184	3070	3060	3105	2.21	cps
Cobalt	59-2	157	160	137	151	8.35	cps
Copper	63-2	1087	1070	1080	1079	0.78	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	20	20	20	20	0.00	cps
Gadolinium	160-1	25	17	58	33	66.14	cps
Gadolinium	160-2	47	50	73	57	25.64	cps
Holmium	165-1	8155839	8380813	8238259	8258304	1.38	cps
Holmium	165-2	4329559	4406250	4311891	4349234	1.15	cps
Indium	115-1	6379464	6438054	6406341	6407953	0.46	cps
Indium	115-2	1322851	1340449	1318660	1327320	0.87	cps
Iron	56-2	18824	18679	19063	18855	1.03	cps
Iron	57-2	644	528	456	543	17.57	cps
Lead	206-1	2284	2339	2239	2287	2.19	cps
Lead	207-1	2000	2106	1695	1934	11.04	cps
Lead	208-1	8924	8924	8512	8787	2.70	cps
Lithium	6-1	1194884	1216575	1199973	1203811	0.94	cps
Magnesium	24-2	2584	2817	2825	2742	5.00	cps
Manganese	55-2	1553	1667	1730	1650	5.42	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 20PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:42:13	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2517	2475	2159	2384	8.22	cps
Molybdenum	95-1	1300	1050	1242	1197	10.93	cps
Molybdenum	96-1	1483	1550	1475	1503	2.74	cps
Molybdenum	97-1	775	817	892	828	7.14	cps
Molybdenum	98-1	1909	2242	1817	1989	11.25	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	1083	967	1067	1039	6.07	cps
Phosphorus	31-2	142	83	92	106	29.89	cps
Potassium	39-2	38802	38417	38133	38451	0.87	cps
Rhodium	103-1	5783701	5791990	5830820	5802170	0.43	cps
Rhodium	103-2	2691487	2725370	2684073	2700310	0.82	cps
Scandium	45-1	3806645	3876924	3862809	3848793	0.97	cps
Scandium	45-2	174386	174446	175488	174774	0.35	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	65	74	69	69	6.74	cps
Selenium	82-1	-12	102	38	43	133.32	cps
Silicon	28-1	348595	346437	347706	347580	0.31	cps
Silver	109-1	325	325	292	314	6.13	cps
Silver	107-1	642	608	558	603	6.96	cps
Sodium	23-2	15751	15292	15334	15459	1.64	cps
Strontium	86-1	3334	3109	3184	3209	3.57	cps
Strontium	88-1	20440	19839	20148	20143	1.49	cps
Sulfur	34-1	249360	246185	251431	248992	1.06	cps
Terbium	159-1	8499252	8605412	8577214	8560626	0.64	cps
Terbium	159-2	4284014	4329108	4271753	4294959	0.70	cps
Thallium	203-1	458	417	375	417	10.00	cps
Thallium	205-1	1183	950	1167	1100	11.83	cps
Tin	118-1	1342	1383	1242	1322	5.51	cps
Titanium	47-1	217	150	183	183	18.18	cps
Uranium	238-1	5993	6602	6444	6346	4.98	cps
Vanadium	51-2	63	50	60	58	12.01	cps
Yttrium	89-1	6611041	6622512	6695339	6642964	0.69	cps
Yttrium	89-2	1002682	1015644	1005957	1008094	0.67	cps
Zinc	66-2	5508141	5516150	5518032	5514107	0.10	cps
Zirconium	90-1	4343	4443	4267	4351	2.02	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	ZN 20PPM	Instrumnet Name :	P7
Client Sample ID :	ZN 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:42:13	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	867	1008	858	911	9.25	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CU 5PPM	Instrumnet Name :	P7
Client Sample ID :	CU 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:45:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	225	292	219	34.25	cps
Antimony	121-1	183	292	275	250	23.33	cps
Arsenic	75-2	28	33	44	35	24.11	cps
Barium	135-1	92	100	133	108	20.35	cps
Barium	137-1	150	167	158	158	5.26	cps
Beryllium	9-1	2256	2467	2400	2374	4.55	cps
Bismuth	209-1	5754661	5683563	5669235	5702486	0.80	cps
Bismuth	209-2	3416707	3401382	3327781	3381957	1.41	cps
Boron	10-1	283	283	300	289	3.33	cps
Boron	11-1	1017	1267	1058	1114	12.02	cps
Cadmium	111-1	1581	1594	1764	1646	6.22	cps
Cadmium	106-1	2059	2067	2225	2117	4.44	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	667	508	633	603	13.85	cps
Calcium	44-1	11380	10646	10938	10988	3.36	cps
Chromium	52-2	12412	12599	12963	12658	2.21	cps
Cobalt	59-2	410	417	383	403	4.37	cps
Copper	63-2	10548087	10548983	10655253	10584108	0.58	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	17	23	13	18	28.64	cps
Gadolinium	160-1	58	17	25	33	66.14	cps
Gadolinium	160-2	70	63	93	76	20.86	cps
Holmium	165-1	8514061	8469267	8418692	8467340	0.56	cps
Holmium	165-2	4435082	4409398	4370903	4405128	0.73	cps
Indium	115-1	6669115	6542207	6541009	6584110	1.12	cps
Indium	115-2	1343316	1348042	1324109	1338489	0.95	cps
Iron	56-2	262142	261967	261686	261932	0.09	cps
Iron	57-2	6657	6757	6585	6667	1.30	cps
Lead	206-1	2128	2034	1872	2011	6.43	cps
Lead	207-1	1889	1867	1861	1872	0.79	cps
Lead	208-1	8501	8246	8118	8288	2.36	cps
Lithium	6-1	1225928	1224906	1221144	1223993	0.21	cps
Magnesium	24-2	2509	2484	2317	2436	4.28	cps
Manganese	55-2	1667	1670	1713	1683	1.55	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CU 5PPM	Instrumnet Name :	P7
Client Sample ID :	CU 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:45:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2350	2317	2367	2345	1.09	cps
Molybdenum	95-1	3459	3309	3200	3323	3.91	cps
Molybdenum	96-1	3484	3776	3351	3537	6.15	cps
Molybdenum	97-1	2117	1950	2267	2111	7.50	cps
Molybdenum	98-1	5335	5793	5376	5501	4.61	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	4144	4354	3971	4156	4.62	cps
Phosphorus	31-2	192	100	142	144	31.78	cps
Potassium	39-2	33514	35059	33522	34032	2.61	cps
Rhodium	103-1	5939774	5880688	5867114	5895858	0.66	cps
Rhodium	103-2	2726154	2731201	2685122	2714159	0.93	cps
Scandium	45-1	4006748	3961503	3944164	3970805	0.81	cps
Scandium	45-2	176153	176146	174361	175554	0.59	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	69	81	70	73	9.54	cps
Selenium	82-1	0	-19	11	-3	-574.32	cps
Silicon	28-1	344091	343739	346929	344920	0.51	cps
Silver	109-1	492	400	442	444	10.33	cps
Silver	107-1	517	592	517	542	7.99	cps
Sodium	23-2	15342	15584	15225	15383	1.19	cps
Strontium	86-1	900	942	858	900	4.63	cps
Strontium	88-1	1984	2117	2442	2181	10.81	cps
Sulfur	34-1	247064	249623	246161	247616	0.73	cps
Terbium	159-1	8920530	8739429	8746482	8802147	1.17	cps
Terbium	159-2	4339162	4345530	4302463	4329052	0.54	cps
Thallium	203-1	1233	1350	1417	1333	6.96	cps
Thallium	205-1	3084	3417	3409	3303	5.76	cps
Tin	118-1	1909	2084	2050	2014	4.61	cps
Titanium	47-1	517	625	442	528	17.46	cps
Uranium	238-1	92	167	117	125	30.55	cps
Vanadium	51-2	53	20	50	41	44.65	cps
Yttrium	89-1	6890859	6821343	6784710	6832304	0.79	cps
Yttrium	89-2	1019797	1029243	1004629	1017889	1.22	cps
Zinc	66-2	1033	1040	907	993	7.56	cps
Zirconium	90-1	983	975	1075	1011	5.49	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CU 5PPM	Instrumnet Name :	P7
Client Sample ID :	CU 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:45:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	242	175	225	19.60	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:49:10	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2965248	2983671	3006181	2985033	0.69	cps
Antimony	121-1	2980779	3000119	3004328	2995075	0.42	cps
Arsenic	75-2	101210	100913	102899	101674	1.05	cps
Barium	135-1	4036003	4071436	4063858	4057099	0.46	cps
Barium	137-1	6887305	6926983	6967718	6927335	0.58	cps
Beryllium	9-1	474497	478153	476647	476433	0.39	cps
Bismuth	209-1	4846084	4820834	4810772	4825897	0.38	cps
Bismuth	209-2	2996832	2984305	3013868	2998335	0.49	cps
Boron	10-1	48554	50109	52099	50254	3.54	cps
Boron	11-1	238933	240937	248018	242629	1.97	cps
Cadmium	111-1	657171	661921	660594	659895	0.37	cps
Cadmium	106-1	74186	76138	75710	75345	1.36	cps
Cadmium	108-1	49206	48195	47417	48272	1.86	cps
Calcium	43-1	4518782	4505428	4528823	4517678	0.26	cps
Calcium	44-1	71717668	72066627	71944895	71909730	0.25	cps
Chromium	52-2	895978	895098	902553	897877	0.45	cps
Cobalt	59-2	1383894	1390604	1388480	1387659	0.25	cps
Copper	63-2	1922958	1932529	1932205	1929231	0.28	cps
Dysprosium	156-1	117	108	167	131	24.17	cps
Dysprosium	156-2	73	43	53	57	26.97	cps
Erbium	164-1	100	50	33	61	56.78	cps
Erbium	164-2	50	23	27	33	43.59	cps
Gadolinium	160-1	83	83	150	106	36.46	cps
Gadolinium	160-2	77	70	47	64	24.44	cps
Holmium	165-1	7838528	7785436	7919174	7847712	0.86	cps
Holmium	165-2	4245347	4218541	4247353	4237081	0.38	cps
Indium	115-1	6037663	6018867	6039173	6031901	0.19	cps
Indium	115-2	1258735	1255390	1267990	1260705	0.52	cps
Iron	56-2	179548248	178493476	179362582	179134769	0.31	cps
Iron	57-2	4516946	4529072	4541394	4529137	0.27	cps
Lead	206-1	2347801	2347041	2383095	2359312	0.87	cps
Lead	207-1	2153210	2152441	2156156	2153935	0.09	cps
Lead	208-1	9691828	9663890	9694729	9683482	0.18	cps
Lithium	6-1	1124370	1120524	1118162	1121019	0.28	cps
Magnesium	24-2	31265475	31222406	31370367	31286083	0.24	cps
Manganese	55-2	1015789	1019746	1025787	1020441	0.49	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:49:10	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2750479	2734651	2755144	2746758	0.39	cps
Molybdenum	95-1	1452199	1472079	1475854	1466710	0.87	cps
Molybdenum	96-1	1887547	1894113	1894397	1892019	0.20	cps
Molybdenum	97-1	915384	922993	919866	919414	0.42	cps
Molybdenum	98-1	2348267	2359458	2360963	2356229	0.29	cps
Neodymium	150-1	460	507	453	473	6.14	cps
Neodymium	150-2	53	67	57	59	11.79	cps
Nickel	60-2	354013	353618	356874	354835	0.50	cps
Phosphorus	31-2	31609	31476	31351	31479	0.41	cps
Potassium	39-2	17423302	17378145	17571612	17457686	0.58	cps
Rhodium	103-1	5212877	5230832	5273506	5239072	0.59	cps
Rhodium	103-2	2459147	2453954	2476258	2463120	0.47	cps
Scandium	45-1	3912596	3925656	3931043	3923098	0.24	cps
Scandium	45-2	180676	180967	181449	181031	0.22	cps
Selenium	77-2	2004	2010	2027	2014	0.60	cps
Selenium	78-2	7078	7196	7059	7111	1.05	cps
Selenium	82-1	41657	42110	42011	41926	0.57	cps
Silicon	28-1	2324530	2344818	2363528	2344292	0.83	cps
Silver	109-1	3212087	3241144	3231648	3228293	0.46	cps
Silver	107-1	3359173	3356714	3356976	3357621	0.04	cps
Sodium	23-2	59292968	59413693	59659403	59455355	0.31	cps
Strontium	86-1	1008155	1007914	1016182	1010750	0.47	cps
Strontium	88-1	8767903	8733787	8843594	8781761	0.64	cps
Sulfur	34-1	495265	490062	489194	491507	0.67	cps
Terbium	159-1	8152944	8038217	8045185	8078782	0.80	cps
Terbium	159-2	4139820	4150369	4157162	4149117	0.21	cps
Thallium	203-1	2957431	2949682	2969871	2958994	0.34	cps
Thallium	205-1	7028275	7096213	7127007	7083832	0.71	cps
Tin	118-1	2470278	2451897	2476808	2466328	0.52	cps
Titanium	47-1	414358	422982	426980	421440	1.53	cps
Uranium	238-1	10087151	10101565	9992593	10060436	0.59	cps
Vanadium	51-2	764450	765790	773729	767990	0.65	cps
Yttrium	89-1	6519764	6470988	6469870	6486874	0.44	cps
Yttrium	89-2	1005884	1007134	1011518	1008179	0.29	cps
Zinc	66-2	274010	276377	276748	275712	0.54	cps
Zirconium	90-1	5324924	5302045	5338119	5321696	0.34	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 16:49:10	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1160342	1170708	1173860	1168304	0.61	cps

LB Number : LB89321 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P7
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-02 17:15:17 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	17	42	36	48.03	cps
Antimony	121-1	575	575	667	606	8.74	cps
Arsenic	75-2	9	7	7	8	13.31	cps
Barium	135-1	42	25	42	36	26.65	cps
Barium	137-1	42	33	42	39	12.38	cps
Beryllium	9-1	889	1006	806	900	11.16	cps
Bismuth	209-1	5556313	5564707	5583570	5568197	0.25	cps
Bismuth	209-2	3329505	3324835	3394197	3349512	1.16	cps
Boron	10-1	333	333	342	336	1.43	cps
Boron	11-1	1358	1333	1358	1350	1.07	cps
Cadmium	111-1	1284	1384	1372	1347	4.04	cps
Cadmium	106-1	1817	1984	1942	1914	4.53	cps
Cadmium	108-1	0	13	0	4	173.21	cps
Calcium	43-1	67	175	192	144	46.99	cps
Calcium	44-1	3867	3926	3867	3887	0.87	cps
Chromium	52-2	530	547	580	552	4.61	cps
Cobalt	59-2	80	103	100	94	13.36	cps
Copper	63-2	600	580	557	579	3.75	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	10	0	27	12	110.23	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Gadolinium	160-2	47	77	60	61	24.60	cps
Holmium	165-1	8213123	8268973	8316601	8266233	0.63	cps
Holmium	165-2	4322573	4293736	4355208	4323839	0.71	cps
Indium	115-1	6357475	6359434	6348886	6355265	0.09	cps
Indium	115-2	1310816	1312605	1335389	1319603	1.04	cps
Iron	56-2	6157	6379	6374	6303	2.01	cps
Iron	57-2	322	261	256	280	13.23	cps
Lead	206-1	539	483	550	524	6.82	cps
Lead	207-1	517	500	506	507	1.67	cps
Lead	208-1	2417	2278	2178	2291	5.24	cps
Lithium	6-1	1188777	1194615	1193473	1192288	0.26	cps
Magnesium	24-2	1283	1642	1500	1475	12.24	cps
Manganese	55-2	97	103	110	103	6.45	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 17:15:17	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	617	483	450	517	17.07	cps
Molybdenum	95-1	183	133	158	158	15.79	cps
Molybdenum	96-1	233	225	208	222	5.73	cps
Molybdenum	97-1	125	133	75	111	28.40	cps
Molybdenum	98-1	208	225	167	200	15.02	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	470	563	457	497	11.70	cps
Phosphorus	31-2	158	83	100	114	34.58	cps
Potassium	39-2	33839	33397	33322	33519	0.83	cps
Rhodium	103-1	5741734	5767404	5820488	5776542	0.70	cps
Rhodium	103-2	2672818	2653572	2709850	2678746	1.07	cps
Scandium	45-1	3844490	3854498	3863549	3854179	0.25	cps
Scandium	45-2	173572	173286	176969	174609	1.17	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	83	56	78	72	20.35	cps
Selenium	82-1	-81	38	-40	-28	-217.58	cps
Silicon	28-1	340600	340236	340285	340374	0.06	cps
Silver	109-1	50	75	92	72	29.04	cps
Silver	107-1	117	133	67	106	32.87	cps
Sodium	23-2	13782	13373	13623	13593	1.52	cps
Strontium	86-1	700	692	625	672	6.12	cps
Strontium	88-1	592	525	625	581	8.77	cps
Sulfur	34-1	253963	249829	248615	250802	1.12	cps
Terbium	159-1	8458682	8546547	8554909	8520046	0.63	cps
Terbium	159-2	4215784	4242592	4298841	4252406	1.00	cps
Thallium	203-1	125	192	142	153	22.71	cps
Thallium	205-1	308	258	342	303	13.85	cps
Tin	118-1	683	700	700	694	1.39	cps
Titanium	47-1	83	100	108	97	13.09	cps
Uranium	238-1	67	83	67	72	13.33	cps
Vanadium	51-2	3	33	10	16	101.28	cps
Yttrium	89-1	6571634	6648029	6595069	6604911	0.59	cps
Yttrium	89-2	997752	994428	1011702	1001294	0.92	cps
Zinc	66-2	100	90	127	106	17.96	cps
Zirconium	90-1	1150	958	1242	1117	12.95	cps

LB Number :	LB89321	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-08-02 17:15:17	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	267	258	261	1.84	cps